SDMS DOCID # 1150138

ARCADIS BBL
Infrastructure, environment, facilities

Imagine the result

Isola & Ruiz, LLP

2007 First Quarter Groundwater Monitoring Report

Former CENCO Refinery
12345 Lakeland Road
Santa Fe Springs, California

April 2007

ARCADIS BBL

Jennifer Wiley, P.G.
Senior Geologist I

Paris Hajali, Ph.D., P.E.
Vice President

PROFESSIONAL GEOLOGIST
STATE OF CALIFORNIA
6/30/08

2007 First Quarter Groundwater Monitoring Report

Former CENCO Refinery
12345 Lakeland Road
Santa Fe Springs, California

Prepared for:
Isola & Ruiz, LLP

Prepared by:
ARCADIS U.S., Inc.
3240 El Camino Real
Suite 200
Irvine
California 92602
Tel 714.730.9052
Fax 714.730.9345

Our Ref.:
B0054205.0000

Date:
April 27, 2007

Table of Contents

1. Introduction 1

1.1 Site Description 1

1.2 Summary of Groundwater Monitoring Activities 2

1.3 Free-Phase Petroleum Hydrocarbon Recovery 3

2. Groundwater Monitoring Results 4

2.1 Groundwater Surface Elevation 4

2.2 Free-Phase Petroleum Hydrocarbons 5

2.3 Groundwater Analytical Results 5

2.3.1 TPH-g 5

2.3.2 VOCs and Oxygenates 6

2.3.3 Emergent Chemicals 7

2.3.3.1 Hexavalent Chromium 7

2.3.3.2 1,4-Dioxane 7

2.3.3.3 N-Nitrosodimethylamine 7

2.3.3.4 Perchlorate 7

2.3.4 Distribution of Constituents 7

2.3.5 Biodegradation Results 7

2.3.5.1 Field Parameters 7

2.3.5.2 Laboratory Parameters 7

2.3.6 Analysis of Biodegradation Results 7

2.3.7 Quality Assurance/Quality Control (QA/QC) 7

3. Passive Hydrocarbon Recovery Results 7

4. Conclusions 7

5. References 7

Tables

Table 1 Summary of Groundwater Level Measurements

Table 2 Summary of TPH-g in Groundwater

Table 3 Summary of VOCs and Oxygenates in Groundwater

Table 4 Summary of Hexavalent Chromium in Groundwater

Table 5 Summary of 1,4-Dioxane in Groundwater

Table 6 Summary of N-Nitrosodimethylamine in Groundwater

Table 7 Summary of Perchlorate in Groundwater

Table 8 Summary of Biodegradation Parameter Results in Groundwater

Table 9 Comparison of November 2006 and February 2007 Groundwater Monitoring Data

Table 10 Passive Hydrocarbon Recovery Summary

Figures

Figure 1 Site Location Map

Figure 2 Site Plan

Figure 3 Groundwater Surface Elevations

Figure 4 Benzene Isoconcentration Contours and MTBE Concentrations in Groundwater

Figure 5 Gasoline Range Petroleum Hydrocarbon Isoconcentration Contours in Groundwater

Figure 6 1,4-Dioxane Isoconcentration Contours in Groundwater

Appendices

Appendix A Standard Operating Procedures

Appendix B Groundwater Monitoring Field Forms

Appendix C Laboratory Analytical Data

Appendix D Historical Groundwater Analytical Results

1. Introduction

ARCADIS BBL has prepared this quarterly Groundwater Monitoring Report for CENCO Refining Company on behalf of Isola and Ruiz, LLP. The former CENCO refinery (Site) is located at 12345 Lakeland Road in Santa Fe Springs, California (Figure 1). This report describes the groundwater monitoring activities performed at the Site, the Lakeland property, the Metropolitan State Hospital property, the Bloomfield property, and the Walker property (Figure 2). The purpose of the groundwater monitoring program is to evaluate groundwater quality beneath and in the vicinity of the site. The monitoring event discussed in this report was conducted between February 5 and 12, 2007 in accordance with the California Regional Water Quality Control Board (RWQCB) Los Angeles Region Cleanup and Abatement Order (CAO) 85-17. The results of emergent chemical groundwater monitoring, as requested by the RWQCB, are also presented in this report. A passive hydrocarbon recovery system was installed this quarter in wells with measurable free-phase petroleum hydrocarbons (FPPH) or sheens. Installation activities and findings for the passive hydrocarbon recovery system are presented in this report.

1.1 Site Description

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. 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 on-site during these years. The refinery is not currently in operation; however, many of the structures related to the former oil refinery operations remain on-site. These structures are scheduled to be removed from the site prior to the redevelopment of the property for commercial/light industrial use (Haley & Aldrich, Inc., 2005).

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 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 (85-17 and 97-

118) issued by the RWQCB to Powerine Oil Company (CENCO Refining Company) in 1985 and 1997 (Haley & Aldrich, Inc., 2005).

1.2 Summary of Groundwater Monitoring Activities

Groundwater monitoring has been conducted on-site since August 1986. The last groundwater monitoring event was performed by ARCADIS BBL in November of 2006. The quarterly groundwater monitoring program currently consists of 32 wells as described below (Figure 2):

- Thirteen on-site groundwater monitoring wells;
- Ten off-site downgradient groundwater monitoring wells on the former Lakeland property and the Metropolitan State Hospital property;
- Four off-site groundwater monitoring wells southeast of the site on the Walker property;
- Three off-site groundwater monitoring wells east of the site on the Bloomfield property; and
- Two on-site deep former water production wells.

During this monitoring round, 32 wells were gauged to determine groundwater elevation. Of the 32 monitored wells, two were dry (MW-202 and MW-601A) and one contained FPPH (MW-600A) and, therefore, was not sampled. One of the wells (MW-504) contained a sheen.

Groundwater samples were collected from a total of 29 wells and analyzed for total petroleum hydrocarbons as gasoline (TPH-g) by U.S. Environmental Protection Agency (EPA) Method 8015M (DHS LUFT), volatile organic compounds (VOCs) and oxygenates by EPA Method 8260B, and hexavalent chromium by EPA Method 7199. In addition, groundwater samples from five of these wells were analyzed for methane, nitrate, sulfate, alkalinity, and ferrous iron to evaluate potential evidence of biodegradation of petroleum hydrocarbons in groundwater.

A one-time monitoring round for emergent chemicals was requested by the RWQCB in a meeting on November 9, 2006. Analyses were performed on the 29 wells for three emergent chemicals for this event: 1,4-dioxane by EPA Method 8270C, N-nitrosodimethylamine (NDMA) by EPA Method 1625C, and perchlorate by EPA Method

314.0. The other emergent chemical, hexavalent chromium, is already monitored on a quarterly basis at the Site. All samples were transported to TestAmerica Analytical Testing Corp. (TestAmerica), under proper chain-of-custody procedures. TestAmerica is accredited by the California Department of Health Services, Environmental Laboratory Accreditation Program.

Water quality parameters including temperature, pH, turbidity, electric conductivity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were measured in the field prior to well sampling.

Field activities were conducted in accordance with the Standard Operating Procedures (SOPs) prepared for the site. SOPs for groundwater sampling, equipment decontamination, and investigation-derived waste handling and storage are included as Appendix A.

1.3 Free-Phase Petroleum Hydrocarbon Recovery

The Peatwick™ passive hydrocarbon recovery system was installed in four monitoring wells in the monitoring well network. The system was installed in well MW-600A (at the Metropolitan State Hospital) on February 6, 2007, in monitoring wells EW-1 and W-3A (at the Walker Property) on February 15, 2007, and in well MW-504 (Site property) on February 15, 2007. FPPH has been historically detected in MW-600A, while EW-1, W-3A, and MW-504 were reported to contain a sheen in several of the past few groundwater monitoring events. The passive recovery system absorbent socks will be replaced as needed.

2. Groundwater Monitoring Results

The results of this quarterly groundwater monitoring event are presented below. A summary of groundwater level measurements, depth to water, depth to hydrocarbons, FPPH thickness, and groundwater elevation is presented in Table 1. Analytical results are summarized in Tables 2 through 8. The FPPH thickness and water level measurements, recorded on well measurement forms, are included in Appendix B and complete laboratory reports are enclosed in Appendix C. A comparison of available data from this monitoring event and last quarter's (November 2006) sampling event is presented in Table 9. It is important to recognize that the results presented in this report do not distinguish between facility and non-facility related constituents in groundwater.

2.1 Groundwater Surface Elevation

The groundwater surface elevation was calculated for each well by subtracting the water level measurement from the top of casing elevation (Table 1). Groundwater elevations were adjusted for wells with FPPH, which was assumed to have a relative density of 0.80. This is the mean density value for various petroleum hydrocarbon mixtures. Groundwater elevations are shown in Figure 3.

Based on the groundwater level measurements obtained on February 5, 2007, groundwater beneath the site vicinity ranges in depth from 84.65 to 101.91 feet below ground surface (bgs). Groundwater elevations have increased by an average of approximately 0.89 feet since November 2006 (ARCADIS BBL, 2007), compared to an increase of approximately 0.16 feet between August and November of 2006. Groundwater elevation decrease was observed in only one of the monitoring wells, MW-204, with a decrease of 1.33 feet.

The average groundwater gradient across the property is approximately 0.01 feet per foot (ft/ft) as shown in Figure 3. Groundwater flow direction varies in the vicinity of the site from a south-southwest direction at the former refinery to a south-southeast direction beneath the Metropolitan State Hospital property. These flow directions are consistent with those historically reported in previous investigations.

2.2 Free-Phase Petroleum Hydrocarbons

As in the previous groundwater monitoring event in November 2006, measurable FPPH (light non-aqueous phase liquid) was detected in only one monitoring well during this sampling event. The FPPH thickness was 2.96 feet in MW-600A. A sheen was observed in well MW-504. Based on February 2007 measurements the FPPH plume appears to be smaller than last quarter, a trend that was also observed after the 2006 fourth quarter monitoring event. The FPPH plume in the Walker Property vicinity is no longer evident, based on groundwater measurements. FPPH thickness and depth to product are shown on Table 1.

2.3 Groundwater Analytical Results

During the groundwater monitoring event that occurred between February 5 and 12, 2007, 29 wells were sampled (Figure 2). All groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g), VOCs and oxygenates, and hexavalent chromium. Per RWQCB request, a one-time monitoring event for emergent chemicals was conducted for the 29 wells. Additional groundwater samples were collected from 5 selected wells and analyzed for methane, nitrate, sulfate, alkalinity, and ferrous iron to evaluate potential evidence of biodegradation of petroleum hydrocarbons in groundwater. Analytical results are summarized in Tables 2 through 9 and complete laboratory reports are included in Appendix C.

2.3.1 TPH-g

TPH-g was detected in 26 of the 29 analyzed samples at concentrations ranging between 0.067 milligrams per liter (mg/L) (W-9) and 28 mg/L (W-10) (Table 2). The maximum detected TPH-g concentration during the November 2006 sampling event was 35 mg/L in well MW-502 (Table 9). TPH-g levels decreased in 14 of the sampled wells (EW-1, MW-103, MW-105, MW-107A, MW-203, MW-205, MW-502, MW-503B, MW-504, MW-603, W-3A, W-4, W-8, and W-11). Wells MW-101, MW-106A, MW-204, MW-604, MW-607, W-1, W-9, W-10, and W-12 had an increase in TPH-g concentrations since the last event. Monitoring well W-12 exhibited the largest increase in TPH-g levels, a 3.4 mg/L increase since November 2006; while the largest decrease was observed in MW-502 where TPH-g concentrations dropped from 35 mg/L to 15 mg/L.

2.3.2 VOCs and Oxygenates

A summary of VOC and oxygenate analytical results is presented in Table 3. A comparison of selected VOC and oxygenate data from this monitoring event and the November 2006 monitoring event is presented in Table 9.

Benzene was present in 18 wells at concentrations ranging from 2 micrograms per liter (μg/L) in MW-203 to 6,400 μg/L in W-10. These 18 wells exceeded the California Maximum Contaminant Level (MCL) for benzene in drinking water of 1 μg/L. Benzene concentrations increased in eleven wells, namely MW-101, MW-103, MW-106A, MW-107A, MW-201, MW-204, MW-205, MW-501A, MW-502, MW-503B, and MW-604. A decline in benzene levels was observed in wells EW-1, MW-203, MW-504, W-1, W-4, W-10, and W-11.

Of the other BTEX compounds analyzed, toluene was detected in two wells at concentrations of 14 μg/L (W-11) and 2,200 μg/L (W-10), the latter exceeding the 150 μg/L California MCL. Ethylbenzene was detected in nine wells at concentrations ranging from 8.6 μg/L (MW-201) to 520 μg/L (W-10). Ethylbenzene concentrations in wells MW-502 (500 μg/L) and W-10 (520 μg/L) exceeded the 300 μg/L California MCL for this contaminant in drinking water. Total xylenes, including the ortho, meta, and para isomers, were detected in nine wells at concentrations ranging from 2.6 μg/L (W-7) to 2,900 μg/L (W-10). All xylene detections, with the exception of that observed in W-10, were below the California MCL of 1750 μg/L.

The oxygenate methyl *tert*-butyl ether (MTBE), was detected in six wells at concentrations ranging from 8.4 μg/L (W-3A) to 23,000 μg/L (MW-502). These six wells exceeded the California MCL for MTBE in drinking water of 5 μg/L. MTBE levels do not appear to have significantly changed since the November 2006 sampling event.

Tert-butyl alcohol (TBA), another oxygenate and a byproduct of MTBE breakdown, was detected in eight wells at a maximum concentration of 190 μg/L in well MW-103, increasing from 160 μg/L in the previous sampling event. In general, the TBA levels in the sampled wells were similar to those observed in November 2006.

In addition to the aforementioned contaminants, 17 additional VOCs were detected in the groundwater during this sampling event. The constituents are as follows with the frequency of detection shown in parentheses: cis-1,2,-dichloroethene (14), isopropyl benzene (14), n-propyl benzene (14), trans-1,2-dichloroethene (7), 1,2,4-trimethyl benzene (7), 1,3,5-trimethyl benzene (6), naphthalene (5), trichloroethene (TCE) (5),

sec-butyl benzene (3), tetrachloroethene (PCE) (3), vinyl chloride (3), n-butyl benzene (2), 1,1,-dichloroethane (1,1-DCA) (2), 1,1-dichloroethene (1,1-DCE) (2), chloroform (1), 1,2,-dichloroethane (1,2-DCA) (1), and p-isopropyl toluene (1). The highest of these VOC concentrations were of naphthalene, n-propyl benzene, and 1,2,4-trimethylbenzene which were detected at maximum concentrations varying between 49 μg/L and 380 μg/L. As in the previous groundwater monitoring event, PCE and TCE were detected at concentrations exceeding their 5 μg/L California MCL in three wells (MW-105, MW-603, and MW-605). TCE concentrations varied between 3.9 μg/L and 92 μg/L, while PCE levels ranged from 15 μg/L and 140 μg/L. Trichlorofluoromethane, detected in well MW-606 in the previous sampling event, was not observed in any of the monitored wells in February 2007.

Due to sample dilution, the analytical laboratory reporting limits for groundwater collected from wells MW-502 and W-10 exceeded the MCL for all chlorinated solvents (1,1-DCA, 1,2-DCA, 1,1-DCE, c-1,2-DCE, t-1,2-DCE, PCE, TCE, and vinyl chloride) as well as toluene in MW-502 and MTBE in W-10. Consequently, it can not be ascertained whether these wells contained concentrations exceeding the California MCL.

2.3.3 Emergent Chemicals

A one-time monitoring round for emergent chemicals was requested by the RWQCB in a meeting on November 9, 2006. Analyses were performed on the 29 wells for three emergent chemicals: 1,4-dioxane by EPA Method 8270C, N-nitrosodimethylamine (NDMA) by EPA Method 1625C, and perchlorate by EPA Method 314.0. The other emergent chemical, hexavalent chromium, is regularly monitored on a quarterly basis at the Site.

2.3.3.1 Hexavalent Chromium

As in the previous groundwater monitoring event of November 2006, hexavalent chromium was detected in only one of the 29 sampled wells (MW-606), at a concentration of 0.0039 mg/L. Hexavalent chromium remains below the California MCL of 0.05 mg/L. A summary of hexavalent chromium results is presented in Table 4.

2.3.3.2 1,4-Dioxane

1,4-Dioxane was detected in 23 of the 29 sampled groundwater monitoring wells, with concentrations ranging between 0.61 μg/L in MW-106A and 7.7 μg/L in W-10. Although the EPA has classified 1,4-dioxane as a potential human carcinogen, it has not yet established an MCL for this contaminant. Similarly, the State of California has not set an MCL but has established an advisory Action Level (AL) of 3 μg/L. Accordingly, 1,4-dioxane exceeded the AL level in 4 wells (MW-502, MW-504, MW-603, and W-10). A summary of 1,4-dioxane results is presented in Table 5.

2.3.3.3 N-Nitrosodimethylamine

NDMA, used prior to the 1980s in the production of liquid rocket fuel, was detected in only one of the monitored wells, MW-204, at a concentration of 0.0047 μg/L. There is no current MCL for NDMA, nor has the EPA established a health advisory for NDMA in drinking water. NDMA analytical data are presented in Table 6.

2.3.3.4 Perchlorate

Another emergent chemical investigated during February 2007 groundwater monitoring event is perchlorate, the primary ingredient of solid rocket propellant. Perchlorate was below the 4 μg/L reporting limit in all of the sampled wells except for one of the duplicate samples collected from MW-605 where it measured 4.3 μg/L. The EPA has not established an MCL for perchlorate; however, an AL of 4 μg/L was adopted by the State of California. A summary of perchlorate results is presented in Table 7.

2.3.4 Distribution of Constituents

Analysis of groundwater collected from MW-105, an upgradient well at the north boundary of the property, demonstrated the presence of chlorinated hydrocarbons in this part of the site. 1,1-DCA, 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, and TCE were all detected in this groundwater monitoring well. The detection of these contaminants in the upgradient well suggests the presence of off-site, upgradient sources. In addition, the chlorinated hydrocarbons PCE and TCE were present only in wells located on the west side of the refinery (MW-105 and MW-201) and the west side of the hospital (MW-603 and MW-605).

The highest concentrations of TPH-g detected during this sampling event were in the north-central part of the site and at the southwest corner of the site, extending southeast to the northern part of the hospital property (Figure 5). TPH-g was detected at a concentration of 28 ug/L in W-10, in the north-central part of the Site. TPH-g was detected in the southwestern portion of the Site in well MW-504 at a concentration of 6.1 mg/L. TPH-g was detected at the former Lakeland property at concentrations of 15 mg/L and 13 mg/L in wells MW-502 and MW-501A, respectively. Elevated TPH-g levels were also detected in wells W-11 (8 mg/L) and W-12 (4.8 mg/L), located in the West Tank Farm and East Tank Farm, respectively. In three of the aforementioned wells the highest benzene levels were also detected: 6,400 μg/L in W-10, 3,800 μg/L in MW-501A, and 2,200 μg/L in MW-502 (Figure 4). Wells MW-502, W-10, and MW-501A had the highest detected ethylbenzene concentrations of 500 μg/L, 520 μg/L, and 130 μg/L, respectively. W-10 also had the highest observed toluene concentration of 2,200 μg/L, the highest detected 1,2,4-trimethylbenzene level of 280 μg/L, and the highest concentrations of all xylene isomers (2,200 μg/L for p/m-xylene and 710 μg/L for o-xylene). The highest concentration of MTBE (23,000 μg/L) was observed in MW-502 as well. A sheen was observed in well MW-504.

While the footprint of impacted groundwater coming from the southwest corner of the site has not changed shape or size substantially since the 2004 groundwater monitoring event, TPH-g concentrations have decreased in the area of MW-504, MW-503B, MW-502, and MW-501A. However, an area of impacted groundwater in the north-central portion of the site was observed following installation of a new groundwater monitoring well (W-10) in that area. Elevated TPH-g, benzene, toluene, ethylbenzene, and xylenes concentrations were detected in well W-10. No oxygenates (MTBE or TBA) were detected in this well.

Historical laboratory analytical results are included in Appendix D.

2.3.5 Biodegradation Results

Field parameter data were collected from 24 monitoring wells (the two former production wells W-7 and W-8 were not purged; while wells MW-103, MW-504, and MW-604 were immediately dewatered during purging). A summary of the results of the biodegradation indicator parameters is presented in Table 8. The parameters pH, DO, and ORP, were measured in the field and are also shown in this table. Analyses were conducted in the laboratory for methane, nitrate, sulfate, total alkalinity, and ferrous iron. Laboratory analyses were performed on five wells (MW-104A, MW-205, MW-

503B, MW-605, and MW-606) that were previously selected for the evaluation of biodegradation potential based on their location. Details of the biodegradation study design, including the well selection process, are provided in the *2004 Semi-Annual Groundwater Monitoring Report* (Haley & Aldrich, 2004).

2.3.5.1 Field Parameters

Field parameters (pH, DO, and ORP) were measured using a Horiba U-22 water quality meter. The probes were inserted into a grab water sample collected from a vacuum truck during purging. It is important to note that the vacuum stinger method used to purge the wells may introduce more oxygen into the water. Therefore recorded data for DO may overestimate the oxygen content.

pH - This parameter is a measurement of the acidity or alkalinity of a solution and ranged between 7.51 and 8.09 in the 24 wells measured. This indicates a neutral to slightly alkaline environment that is suitable for the growth of alkalophilic bacteria and microorganisms that thrive at a neutral pH.

Dissolved Oxygen (DO) - This parameter is the preferred electron acceptor in the biodegradation of petroleum hydrocarbons. When aerobic biodegradation occurs, DO concentrations are expected to decline as microorganism exhaust the electron acceptor during aerobic respiration. The DO concentrations varied between 8.15 mg/L to 11.26 mg/L, reflecting an aerobic environment. However, purging the wells prior to sampling might have significantly contributed to the observed DO levels.

Oxidation Reduction Potential (ORP) - This parameter is a measure of electron activity which reflects the oxidizing or reducing nature of the environment. The ORP values are generally negative under reducing conditions (gaining electrons) and positive under oxidizing conditions (losing electrons). Anaerobic biodegradation has a tendency to create reducing conditions resulting in negative ORP readings. Negative ORP readings were observed in 13 wells (EW-1, MW-105, MW-107A, MW-201, MW-205, MW-501A, MW-502, MW-503B, W-1, W-4, W-9, W-10 and W-11) ranging between -11 millivolts (mV) and -290 mV. Anaerobic conditions were evident in MW-107A as a hydrogen sulfide odor produced from the reduction of sulfate in groundwater, was detected during well purging.

2.3.5.2 Laboratory Parameters

The laboratory parameters of interest for the Site are total alkalinity, nitrate, ferrous iron, sulfate, and methane.

Total alkalinity results from the presence of hydroxides, carbonates, and bicarbonates. Aerobic biodegradation in groundwater may result in increased alkalinity due to the evolution of carbon dioxide. Total alkalinity of groundwater was similar to that observed in the 2006 fourth quarter sampling round and varied between 370 mg/L and 680 mg/L. As in the previous sampling event, the highest alkalinity levels were observed in wells MW-205 (620 mg/L) and MW-503B (680 mg/L).

Nitrate (NO_3^-) may be used as an electron acceptor in anoxic environments where the dissolved oxygen has been depleted. During this biodegradative process, nitrate loses an oxygen atom and is reduced to nitrite (NO_2^-). The decreased levels of dissolved nitrate in wells containing higher concentrations of hydrocarbons generally indicate the occurrence of denitrification. Nitrate was detected in three of the five wells at concentrations of 1.2 mg/L (MW-104A), 6.5 mg/L (MW-605), and 9.3 mg/L (MW-606).

Ferric iron (Fe^{+3}) may be used as an electron acceptor during anaerobic degradation of petroleum hydrocarbons where it is reduced to ferrous iron (Fe^{+2}). Ferrous iron was below the detection limit (0.1 mg/L) in all of the sampled wells.

Sulfate may also be used as an electron acceptor for anaerobic biodegradation once dissolved oxygen and nitrate are exhausted. A drop in sulfate concentrations in wells with high concentrations of petroleum hydrocarbons indicates the occurrence of anaerobic biodegradation. Sulfate was detected in all five wells at concentrations ranging between 57 mg/L in MW-104A and 420 mg/L in MW-205, similar to what was observed in the previous sampling events.

Methane is a dissolved gas and a byproduct of methanogenic reducing activity which is indicative of anaerobic biodegradation. Methane is typically produced once the electron acceptors oxygen, sulfate and nitrate have been completely utilized. Therefore, as methane concentrations increase, dissolved oxygen, sulfate and nitrate concentrations typically decrease. Methane was detected in two (MW-205, and MW-503B) of the five sampled wells at concentrations ranging from 0.22 mg/L in well MW-205 and 0.62 mg/L in MW-503B. The methane decreasing trend continued in 2007 with concentrations declining in MW-205 from 1.5 mg/L and in MW-503B from 1.7 mg/L, observed in the 2006 fourth quarter monitoring event.

2.3.6 Analysis of Biodegradation Results

Biodegradation of TPH-g compounds most commonly occurs by aerobic, nitrate-reducing, Fe^{+3}-reducing, sulfate-reducing, or methanogenic respiration. The TPH-g (and BTEX) serve as electron donors for the 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 the dissolved oxygen 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 increase. After most Fe^{+3} is consumed, sulfate-reduction will begin if sulfate is available. After most sulfate has been consumed, methanogenesis, which uses carbon dioxide as an electron acceptor, begins. During methanogenesis, methane concentrations increase (Department of the Navy, 1998).

Use of a vacuum truck during purging introduces air to the wells, rendering the DO measurements unreliable in confirming aerobic degradation as the dominant breakdown process of the contaminants. However, the oxidation-reduction potential of the wells can be used to assess the oxygen presence in the aquifer. Negative ORP values reflect anaerobic conditions while positive values indicate aerobic conditions. The most highly negative ORP values were observed in wells MW-107A (-290 mV), EW-1 (-273 mV), W-10 (-188 mV), and MW-105 (-110 mV). The most highly positive ORP values were observed in wells MW-606 (240 mV), MW-605 (203 mV), and MW-603 (182 mV).

Among the wells sampled for biodegradation indicator parameters, wells MW-104A, MW-605, and MW-606 contained detectable nitrate concentrations (1.2 mg/L, 6.5 mg/L and 9.3 mg/L, respectively), and hence may be available for denitrification. Ferrous iron was not detected in any of the sampled wells, as a result Fe^{+3}-reduction is not expected to be occurring in these wells. All five sampled wells contained detectable sulfate concentrations, ranging from 57 mg/L (MW-104A) to 420 mg/L (MW-205), and therefore may be available for sulfate-reduction. The presence of methane in wells MW-205 and MW-503B indicates that methanogenesis may be occurring in these two wells. The high alkalinity observed in both wells compared to the remaining wells supports that the environment is conducive to methanogenesis, and that prior to methanogenesis, aerobic degradation may have occurred. When TPH-g and components are broken down aerobically, carbon dioxide is released into the aqueous environment in the form of carbonates or bicarbonates, raising the alkalinity.

The results of the biodegradation indicator parameters indicate that biodegradation, whether aerobic or anaerobic, may be occurring in the wells mentioned above.

2.3.7 Quality Assurance/Quality Control (QA/QC)

Trip blanks assess potential sample contamination from transportation and storage of samples. One trip blank (provided by the laboratory) accompanied each daily groundwater sample shipment to the laboratory for a total of three trip blanks. The trip blanks were analyzed for VOCs and TPH-g. The trip blank data showed non-detectable levels for all constituents.

Duplicate samples, which assess the precision of the laboratory analysis, were collected from three wells (MW-105, MW-605, and W-10) during this groundwater sampling event. The duplicates followed the same analysis protocols as the primary samples. Duplicate sample results are shown on Tables 2 through 7, along with the primary sample results. The duplicate sample results show similar concentrations of the analytes as their respective primary samples, as would be expected.

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. Passive Hydrocarbon Recovery Results

The Peatwick™ passive hydrocarbon recovery system was installed in 4 groundwater monitoring wells that have contained measurable free product or sheen in the last few monitoring rounds: MW-600A located on the Metropolitan State Hospital property, EW-1 and W-3A on Walker property, and MW-504 on-site. The passive hydrocarbon recovery system consists of a 5-foot, Schedule 20, slotted polyvinyl chloride (PVC) canister, which holds a sock containing dehydrated peat moss. The canister and sock are suspended from the well cap and submerged within only the upper few inches of groundwater. A sock is placed within the canister for a period of 2 to 4 weeks (depending on hydrocarbon thickness/recovery). The dehydrated peat moss material has a hydrophobic, porous structure that has a high affinity for hydrocarbons. Hydrocarbons are absorbed by the peat moss by capillary action until the sock is saturated. The volume of FPPH recovered using these socks is difficult to estimate, due to the potential for water absorbance in addition to the hydrocarbons. The effectiveness of the passive hydrocarbon recovery system will be monitored by quarterly measurements of the change of FPPH thickness.

The peat sock in groundwater monitoring well MW-600A (contained 2.96 feet of FPPH during February 2007 sampling event) was replaced approximately 5 hours following initial installation to accelerate removal. Results of passive hydrocarbon recovery in the other wells, EW-1, W-3A, and MW-504, will be discussed in 2007 Second Quarter Groundwater Monitoring Report when more data is collected. The socks in these wells will be replaced every 2 to 4 weeks depending on system performance at the Site. Table 10 summarizes the passive hydrocarbon recovery for the Site.

4. Conclusions

Groundwater monitoring was performed at the former CENCO refinery site in February 2007 as part of an ongoing groundwater monitoring plan intended to evaluate chemical impacts, contaminant sources, and overall groundwater quality at the site. This groundwater monitoring event included gauging 32 wells in the CENCO monitoring well network and analyzing VOCs, TPH-g, hexavalent chromium in 29 wells, and additional biodegradation parameters (methane, nitrate, sulfate, total alkalinity, ferrous iron, pH, DO, and ORP) for five of the 29 sampled wells. Per RWQCB request on November 9, 2006, an emergent chemical groundwater monitoring program, consisting of 1,4-dioxane, NDMA, and perchlorate analyses of samples collected from all 29 wells, was performed during the 2007 First Quarter sampling event.

A relatively steep groundwater gradient of approximately 0.01 ft/ft was observed for the recent groundwater monitoring event, which is consistent with historical gradient data for the site. Overall, groundwater levels have risen by an average of 0.89 feet since the last measurement, taken in November 2006.

Measurable FPPH was present in one well (MW-600A) and a sheen was observed in another well (MW-504) within the CENCO monitoring well network. FPPH observed in MW-600A may have originated from a source on the CENCO site, as proposed by Haley & Aldrich (2004). The thicknesses detected within this well does not necessarily reflect FPPH thickness in the surrounding aquifer as fluctuations in water level and permeability factors can influence FPPH accumulation in monitoring wells.

Groundwater monitoring results at the site are generally consistent with historical observations and analyses. The number of wells in which FPPH was observed has decreased from six in June 2004, to four in October 2005, to two in February 2006, to only one well as of August 2006. TPH-g concentrations declined in 14 of the sampled wells, namely EW-1, MW-103, MW-105, MW-107A, MW-203, MW-205, MW-502, MW-503B, MW-504, MW-603, W-3A, W-4, W-8, and W-11. An increase in TPH-g was observed in wells MW-101, MW-106A, MW-204, MW-604, MW-607, W-1, W-9, W-10, and W-12, with well W-12 having the most significant increase (by 3.4 mg/L). At the same time benzene levels decreased in wells EW-1, MW-203, MW-504, W-1, W-4, W-10, and W-11 and increased in eleven wells, namely MW-101, MW-103, MW-106A, MW-107A, MW-201, MW-204, MW-205, MW-501A, MW-502, MW-503B, and MW-604.

While the footprint of impacted groundwater coming from the southwest corner of the site has not changed shape or size substantially since the 2004 groundwater

monitoring event, TPH-g concentrations have decreased in many of the former refinery monitoring wells and in most of the wells located on the former Walker and Lakeland properties. Similarly, benzene concentrations declined in most of the Walker property wells, such as EW-1, W-1, and W-4. Benzene levels have increased in all the former Lakeland property wells, namely MW-501A, MW-502, and MW-503B. The eastern edge of the plume showed a decrease in TPH-g in several well (wells MW-107A, MW-203, W-3A, and W-4). However, an area of impacted groundwater in the north-central portion of the site was observed following installation of a new groundwater monitoring well (W-10) in that area. Elevated TPH-g, benzene, toluene, ethylbenzene, and xylenes concentrations were detected in well W-10. No oxygenates (MTBE or TBA) were detected in this well.

Hexavalent chromium was demonstrated to be below detection limits in all but one well, and in all cases below California MCLs during the February 2007 sampling event.

All of the 29 groundwater monitoring wells sampled during the February 2007 event were also analyzed for 1,4-dioxane, NDMA, and perchlorate as part of an emergent chemical groundwater monitoring program, which was requested by RWQCB on November 9, 2006. 1,4-Dioxane was present in 23 of the 29 sampled groundwater monitoring wells, with concentrations ranging between 0.61 μg/L in MW-106A and 7.7 μg/L in W-10. NDMA was detected in only one of the monitored wells, MW-204, at a concentration of 0.0047 μg/L. Perchlorate was below the 4 μg/L reporting limit in all of the sampled wells except for one of the duplicate samples collected from MW-605 where it measured 4.3 μg/L. The EPA has not yet established a federal MCL for any of the emergent COCs.

The Peatwick™ passive hydrocarbon recovery system was installed in 4 groundwater monitoring wells that historically have contained measurable free product or sheen: MW-600A located on the Metropolitan State Hospital property, EW-1 and W-3A on the former Walker property, and MW-504 onsite. The results and observations of the recovery system application at the Site will be discussed in future groundwater monitoring reports as more data are collected.

Intrinsic biodegradation continues to be viable, in at least some areas of the site, based on conditions measured in the subsurface. Nitrate, sulfate, ferrous iron, methane, alkalinity, and ORP indicate the potential for intrinsic biodegradation occurring in the vicinity of the site.

5. References

ARCADIS BBL. 2007. *2006 Fourth Quarter Groundwater Monitoring Report, Former CENCO Refinery, 12345 Lakeland Road, Santa Fe Springs, California* (January 2007).

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

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

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

ARCADIS BBL

Tables

TABLE 1
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
EW-1	2/5/2007	112.29	98.16	NA	0	14.24	112.40
	11/6/2006	112.32	98.42	NA	0	13.98	112.40
MW-101	2/5/2007	90.65	88.2	NA	0	47.03	135.23
	11/6/2006	90.31	88.52	NA	0	46.71	135.23
MW-103	2/5/2007	94.31	92.83	NA	0	44.12	136.95
	11/6/2006	94.81	93.03	NA	0	43.92	136.95
MW-104A	2/5/2007	100.2	88.35	NA	0	55.04	143.39
	11/6/2006	Well temporarily capped/covered below ground surface for temporary roadway. Was extended above surface following road use completion.					
MW-105	2/5/2007	99.22	87.66	NA	0	50.97	138.63
	11/6/2006	100.25	87.91	NA	0	50.72	138.63
MW-106A	2/5/2007	110.08	95.9	NA	0	56.61	152.51
	11/6/2006	110.28	96.17	NA	0	56.34	152.51
MW-107A	2/5/2007	109.69	96.41	NA	0	50.30	146.71
	11/6/2006	109.60	96.65	NA	0	50.06	146.71
MW-201	2/5/2007	100.95	89.34	NA	0	43.57	132.91
	11/6/2006	101.76	89.83	NA	0	43.08	132.91
MW-202	2/5/2007	92.68	Dry	NA	0	Dry	137.89
	11/6/2006	92.74	Dry	NA	0	Dry	137.89
MW-203	2/5/2007	102.43	93.84	NA	0	49.59	143.43
	11/6/2006	102.39	94.00	NA	0	49.43	143.43
MW-204	2/5/2007	99.69	94.32	NA	0	47.86	142.18
	11/6/2006	98.67	92.99	NA	0	NA	NM
MW-205	2/5/2007	98.31	88.52	NA	0	49.52	138.04
	11/6/2006	98.62	88.75	NA	0	49.29	138.04
MW-501A	2/5/2007	93.05	91.02	NA	0	37.68	128.7
	11/6/2006	93.13	91.65	NA	0	NA	NM
MW-502	2/5/2007	99.95	90.8	NA	0	37.50	128.30
	11/6/2006	100.78	91.46	NA	0	36.84	128.30
MW-503B	2/5/2007	108.79	91.28	NA	0	38.68	129.96
	11/6/2006	108.82	91.91	NA	0	38.05	129.96
MW-504*	2/5/2007	95.81	91.26	NA	Sheen	42.80	134.51
	11/6/2006	95.89	91.71	NA	Sheen	42.80	134.51
MW-600A	2/5/2007	NM	88.48	85.52	2.96	34.23	120.34
	11/6/2006	NM	89.28	86.26	3.02	33.48	120.34
MW-601A	2/5/2007	89.66	Dry	NA	0	Dry	126.53
	11/6/2006	84.91	Dry	NA	0	Dry	126.53

TABLE 1
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-603	2/5/2007	97.85	85.01	NA	0	33.53	118.54
	11/6/2006	96.98	85.97	NA	0	32.57	118.54
MW-604	2/5/2007	103.16	101.91	NA	0	36.25	138.16
	11/6/2006	103.26	102.35	NA	0	35.81	138.16
MW-605	2/5/2007	93.96	86.32	NA	0	28.22	114.54
	11/6/2006	94.06	87.54	NA	0	27.00	114.54
MW-606	2/5/2007	99.21	89.3	NA	0	24.59	113.89
	11/6/2006	99.00	90.61	NA	0	23.28	113.89
MW-607	2/5/2007	106.19	100.57	NA	0	25.46	126.03
	11/6/2006	106.95	101.43	NA	0	24.60	126.03
W-1	2/5/2007	129.75	100.66	NA	0	42.23	142.89
	11/6/2006	129.73	101.12	NA	0	41.77	142.89
W-3A	2/5/2007	110.4	100.62	NA	0	23.38	124.00
	11/6/2006	106.51	101.16	NA	0	22.84	124.00
W-4	2/5/2007	129.09	101.82	NA	0	40.56	142.38
	11/6/2006	129.51	102.21	NA	0	40.17	142.38
W-7**	2/5/2007	NM	82.98	NA	0	NA	NM
	11/6/2006	NM	91.19	NA	0	NA	NM
W-8**	2/5/2007	NM	64.04	NA	0	NA	NM
	11/6/2006	NM	70.21	NA	0	NA	NM
W-9	2/5/2007	110.19	84.65	NA	0	54.47	139.12
	11/6/2006	110.44	84.95	NA	0	NA	NM
W-10	2/5/2007	110.33	88.16	NA	0	51.83	139.99
	11/6/2006	110.22	88.35	NA	0	NA	NM
W-11	2/5/2007	112.83	91.24	NA	0	50.05	141.29
	11/6/2006	112.85	91.41	NA	0	NA	NM
W-12	2/5/2007	116.09	93.93	NA	0	50.49	144.42
	11/6/2006	116.21	94.25	NA	0	NA	NM

Notes:
Groundwater elevation = (top of casing elevation - depth to water) + (0.8 x hydrocarbon thickness).
Groundwater elevation correction for the presence of free product was performed assuming a specific gravity of 0.8 for the petroleum product.
NA- Not applicable.
NM- Not measured.
msl- Mean sea level.
* Sheen developed during sampling of monitoring well MW-504.
** Former production wells W-7 and W-8 were never surveyed and are not used in calculating groundwater gradients (screened in a deeper aquifer).

TABLE 2
SUMMARY OF TPH-g IN GROUNDWATER

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Sample ID	Date	TPH-g (milligrams per liter [mg/L])
EW-1	EW-1-0207	2/9/2007	**4.1**
MW-101	MW-101-0207	2/12/2007	**2.1**
MW-103	MW-103-0207	2/8/2007	**0.36**
MW-104A	MW-104A-0207	2/7/2007	**0.54**
MW-105	MW-105-0207	2/7/2007	**0.16**
	MW-105-0207-D	2/7/2007	**0.16**
MW-106A	MW-106A-0207	2/8/2007	**0.27**
MW-107A	MW-107A-0207	2/8/2007	**0.5**
MW-201	MW-201-0207	2/7/2007	**1.1**
MW-203	MW-203-0207	2/8/2007	**0.15**
MW-204	MW-204-0207	2/7/2007	**0.36**
MW-205	MW-205-0207	2/7/2007	**0.15**
MW-501A	MW-501A-0207	2/12/2007	**13**
MW-502	MW-502-0207	2/9/2007	**15**
MW-503B	MW-503B-0207	2/9/2007	**1.6**
MW-504	MW-504-0207	2/9/2007	**6.1**
MW-603	MW-603-0207	2/6/2007	**0.12**
MW-604	MW-604-0207	2/7/2007	**0.54**
MW-605	MW-605-0207	2/6/2007	ND<0.05
	MW-605-0207-D	2/6/2007	ND<0.05
MW-606	MW-606-0207	2/6/2007	ND<0.05
MW-607	MW-607-0207	2/6/2007	**0.59**
W-1	W-1-0207	2/8/2007	**0.5**
W-3A	W-3A-0207	2/8/2007	**1.4**
W-4	W-4-0207	2/8/2007	**0.2**
W-7	W-7-0207	2/9/2007	ND<0.05
W-8	W-8-0207	2/9/2007	**0.13**
W-9	W-9-0207	2/6/2007	**0.067**
W-10	W-10-0207	2/9/2007	**28**
	W-10-0207-D	2/9/2007	**26**
W-11	W-11-0207	2/9/2007	**8**
W-12	W-12-0207	2/7/2007	**4.8**

Notes:
Total petroleum hydrocarbons as gasoline (TPH-g) were analyzed using EPA Method 8015M/DHS LUFT.
ND< - Not detected at the indicated reporting limit.
No California Department of Health Services maximum contaminant level exists for TPH-g.

TABLE 3
SUMMARY OF VOCS AND OXYGENATES IN GROUNDWATER

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

	Well ID	EW-1	MW-101	MW-103	MW-104A	MW-105		MW-106A	MW-107A	MW-201	MW-203	MW-204	MW-205	MW-501A	MW-502	MW-503B
	Sample ID:	EW-1-0207	MW-101-0207	MW-103-0207	MW-104A-0207	MW-105-0207	MW-105-0207-D	MW-106A-0207	MW-107A-0207	MW-201-0207	MW-203-0207	MW-204-0207	MW-205-0207	MW-501A-0207	MW-502-0207	MW-503B-0207
	Date:	2/9/2007	2/12/2007	2/8/2007	2/7/2007	2/7/2007	2/7/2007	2/8/2007	2/8/2007	2/7/2007	2/8/2007	2/7/2007	2/7/2007	2/12/2007	2/9/2007	2/9/2007
Analyte	**California MCL (µg/L)**	**Concentration (µg/L)**														
Benzene	1	**41**	**240**	**36**	ND<2	ND<2	ND<2	**2.6**	**80**	**94**	**2**	**4.9**	**24**	**3800**	**2200**	**59**
n-Butylbenzene	NA	**14**	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<100	ND<1000	ND<5
sec-Butylbenzene	NA	**27**	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<100	ND<1000	**17**
Chloroform	NA	ND<2	ND<8	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40	ND<400	ND<2
1,1-Dichloroethane	5	ND<2	ND<8	ND<2	ND<2	**4.2**	**3.7**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40	ND<400	ND<2
1,2-Dichloroethane	0.5	ND<2	ND<8	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40	ND<400	ND<2
1,1-Dichloroethene	6	ND<5	ND<20	ND<5	ND<5	**12**	**10**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<100	ND<1000	ND<5
c-1,2-Dichloroethene	6	**6.5**	**47**	ND<2	ND<2	**12**	**12**	**15**	**9.6**	**25**	**21**	**2.8**	**32**	ND<40	ND<400	**11**
t-1,2-Dichloroethene	10	**7.8**	ND<8	ND<2	ND<2	**4.8**	**4.3**	**20**	**7.4**	ND<2	**3.4**	ND<2	ND<2	ND<40	ND<400	**2.2**
Ethylbenzene	300	**39**	ND<8	ND<2	ND<2	ND<2	ND<2	ND<2	**21**	**8.6**	ND<2	**11**	ND<2	**130**	**500**	ND<2
Isopropylbenzene	NA	**100**	**4.8**	ND<2	ND<2	ND<2	ND<2	**9.6**	**17**	**3**	ND<2	ND<2	ND<2	**160**	ND<400	**45**
p-Isopropyltoluene	NA	ND<2	ND<8	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40	ND<400	ND<2
Naphthalene	NA	**26**	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	**7.4**	ND<5	ND<5	**5.6**	ND<5	ND<100	ND<1000	ND<5
n-Propylbenzene	NA	**80**	ND<8	ND<2	ND<2	ND<2	ND<2	**5.9**	**17**	**2.3**	ND<2	**2.1**	ND<2	**380**	ND<400	**29**
Tetrachloroethene	5	ND<2	ND<8	ND<2	ND<2	**19**	**15**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40	ND<400	ND<2
Toluene	150	ND<2	ND<8	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40	ND<400	ND<2
Trichloroethene	5	ND<2	ND<8	ND<2	ND<2	**57**	**47**	ND<2	**3.9**	**7.4**	ND<2	ND<2	ND<2	ND<40	ND<400	ND<2
1,2,4-Trimethylbenzene	NA	**5.1**	ND<8	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	**25**	ND<2	ND<40	ND<400	ND<2
1,3,5-Trimethylbenzene	NA	**2.3**	ND<8	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	**16**	ND<2	**44**	ND<400	ND<2
Vinyl Chloride	0.5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	**13**	ND<5	ND<5	**9.7**	ND<5	ND<5	ND<100	ND<1000	**5.4**
p/m-Xylene	1750	**9.4**	ND<8	ND<2	ND<2	ND<2	ND<2	ND<2	**25**	**5.1**	ND<2	**14**	ND<2	ND<40	**560**	ND<2
o-Xylene	1750	ND<2	ND<8	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40	ND<400	ND<2
Total Xylenes	1750	**10**	ND<16	ND<4	ND<4	ND<4	ND<4	ND<4	**26**	**5.4**	ND<4	**15**	ND<4	ND<80	ND<800	ND<4
Methyl-t-Butyl Ether (MTBE)	5	ND<5	ND<20	**26**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	**1100**	**23000**	ND<5
Tert-Butyl Alcohol (TBA)	NA	ND<50	**72**	**190**	**120**	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	**64**	ND<50	ND<1000	ND<10000	ND<50

TABLE 3
SUMMARY OF VOCS AND OXYGENATES IN GROUNDWATER

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

	Well ID	MW-504	MW-603	MW-604	MW-605		MW-606	MW-607	W-1	W-3A	W-4	W-7	W-8	W-9	W-10		W-11	W-12
	Sample ID:	MW-504-0207	MW-603-0207	MW-604-0207	MW-605-0207	MW-605-0207-D	MW-606-0207	MW-607-0207	W-1-0207	W-3A-0207	W-4-0207	W-7-0207	W-8-0207	W-9-0207	W-10-0207	W-10-0207-D	W-11-0207	W-12-0207
	Date:	2/9/2007	2/6/2007	2/7/2007	2/6/2007	2/6/2007	2/6/2007	2/6/2007	2/8/2007	2/8/2007	2/8/2007	2/9/2007	2/9/2007	2/6/2007	2/9/2007	2/9/2007	2/9/2007	2/7/2007
Analyte	**California MCL (µg/L)**	**Concentration (µg/L)**																
Benzene	1	**140**	ND<2	**9.8**	ND<2	ND<2	ND<2	ND<2	**77**	ND<2	**3.1**	ND<2	ND<2	ND<2	**6400**	**5100**	**95**	ND<2
n-Butylbenzene	NA	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	**11**	ND<5	ND<5	ND<5	ND<5	ND<500	ND<500	ND<10	ND<5
sec-Butylbenzene	NA	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	**6.7**	ND<5	ND<5	ND<5	ND<5	ND<500	ND<500	ND<10	ND<5
Chloroform	NA	ND<2	ND<2	ND<2	ND<2	ND<2	**2.6**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<200	ND<200	ND<4	ND<2
1,1-Dichloroethane	5	ND<2	**6**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<200	ND<200	ND<4	ND<2
1,2-Dichloroethane	0.5	ND<2	**17**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<200	ND<200	ND<4	ND<2
1,1-Dichloroethene	6	ND<5	**89**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<500	ND<500	ND<10	ND<5
c-1,2-Dichloroethene	6	ND<2	**19**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	**4.7**	ND<2	ND<2	ND<2	ND<200	ND<200	**15**	**6.8**
t-1,2-Dichloroethene	10	ND<2	**2.7**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<200	ND<200	ND<4	ND<2
Ethylbenzene	300	**13**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	**520**	**410**	**78**	ND<2
Isopropylbenzene	NA	**18**	ND<2	**10**	ND<2	ND<2	ND<2	**6.8**	**18**	**11**	**3.7**	ND<2	ND<2	ND<2	ND<200	ND<200	**17**	ND<2
p-Isopropyltoluene	NA	**14**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<200	ND<200	ND<4	ND<2
Naphthalene	NA	**49**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	**30**	ND<5	ND<5	ND<5	ND<5	ND<500	ND<500	ND<10	ND<5
n-Propylbenzene	NA	**6.5**	ND<2	**7**	ND<2	ND<2	ND<2	**13**	**9.4**	**14**	**2.8**	ND<2	ND<2	ND<2	ND<200	ND<200	**12**	ND<2
Tetrachloroethene	5	ND<2	**140**	ND<2	**35**	**38**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<200	ND<200	ND<4	ND<2
Toluene	150	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	**2200**	**1600**	**14**	ND<2
Trichloroethene	5	ND<2	**92**	ND<2	**35**	**34**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<200	ND<200	ND<4	ND<2
1,2,4-Trimethylbenzene	NA	**38**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	**3.9**	ND<2	**2.2**	ND<2	ND<2	**280**	**260**	**56**	ND<2
1,3,5-Trimethylbenzene	NA	**64**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	**6.1**	ND<2	ND<2	ND<2	ND<2	ND<200	ND<200	**28**	ND<2
Vinyl Chloride	0.5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<500	ND<500	ND<10	ND<5
p/m-Xylene	1750	**120**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	**2.6**	ND<2	ND<2	**2200**	**1800**	**280**	ND<2
o-Xylene	1750	**8.5**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	**710**	**570**	**27**	ND<2
Total Xylenes	1750	**130**	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	**2900**	**2300**	**300**	ND<4
Methyl-t-Butyl Ether (MTBE)	5	ND<5	ND<5	**20**	ND<5	ND<5	ND<5	ND<5	**21**	**8.4**	ND<5	ND<5	ND<5	ND<5	ND<500	ND<500	ND<10	ND<5
Tert-Butyl Alcohol (TBA)	NA	**98**	ND<50	**60**	ND<50	ND<50	ND<50	**130**	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<5000	ND<5000	ND<100	**50**

Notes
Only detected analytes are shown on table.
Volatile organic compounds (VOCs) and oxygenates were analyzed using EPA Method 8260B.
ND< - Not detected at the indicated reporting limit.
µg/L - Micrograms per liter.
MCL - California Department of Health Services 2003 maximum contaminant level.
NA - No MCL available.
Bold indicates detected value.
Highlighted values exceed the California MCL.

TABLE 4
SUMMARY OF HEXAVALENT CHROMIUM IN GROUNDWATER

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Sample ID	Sample Date	Hexavalent Chromium (milligrams per liter [mg/L])
EW-1	EW-1-0207	2/9/2007	ND<0.002
MW-101	MW-101-0207	2/12/2007	ND<0.002
MW-103	MW-103-0207	2/8/2007	ND<0.002
MW-104A	MW-104A-0207	2/7/2007	ND<0.002
MW-105	MW-105-0207	2/7/2007	ND<0.002
	MW-105-0207-D	2/7/2007	ND<0.002
MW-106A	MW-106A-0207	2/8/2007	ND<0.002
MW-107A	MW-107A-0207	2/8/2007	ND<0.002
MW-201	MW-201-0207	2/7/2007	ND<0.002
MW-203	MW-203-0207	2/8/2007	ND<0.002
MW-204	MW-204-0207	2/7/2007	ND<0.002
MW-205	MW-205-0207	2/7/2007	ND<0.002
MW-501A	MW-501A-0207	2/12/2007	ND<0.002
MW-502	MW-502-0207	2/9/2007	ND<0.002
MW-503B	MW-503B-0207	2/9/2007	ND<0.002
MW-504	MW-504-0207	2/9/2007	ND<0.002
MW-603	MW-603-0207	2/6/2007	ND<0.002
MW-604	MW-604-0207	2/7/2007	ND<0.002
MW-605	MW-605-0207	2/6/2007	ND<0.002
	MW-605-0207-D	2/6/2007	ND<0.002
MW-606	MW-606-0207	2/6/2007	**0.0039**
MW-607	MW-607-0207	2/6/2007	ND<0.002
W-1	W-1-0207	2/8/2007	ND<0.002
W-3A	W-3A-0207	2/8/2007	ND<0.002
W-4	W-4-0207	2/8/2007	ND<0.002
W-7	W-7-0207	2/9/2007	ND<0.002
W-8	W-8-0207	2/9/2007	ND<0.002
W-9	W-9-0207	2/6/2007	ND<0.002
W-10	W-10-0207	2/9/2007	ND<0.002
	W-10-0207-D	2/9/2007	ND<0.002
W-11	W-11-0207	2/9/2007	ND<0.002
W-12	W-12-0207	2/7/2007	ND<0.002

Notes:
Hexavalent chromium was analyzed using EPA Method 7199.
ND< - Not detected at the indicated reporting limit.
Bold indicates detected value.

TABLE 5
SUMMARY OF 1,4-DIOXANE IN GROUNDWATER

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Sample ID	Date	1,4-Dioxane (micrograms per liter [µg/L])
EW-1	EW-1-0207	2/9/2007	ND<0.49
MW-101	MW-101-0207	2/12/2007	**2.2**
MW-103	MW-103-0207	2/8/2007	**2**
MW-104A	MW-104A-0207	2/7/2007	**0.64**
MW-105	MW-105-0207	2/7/2007	**1.3**
	MW-105-0207-D	2/7/2007	**1.5**
MW-106A	MW-106A-0207	2/8/2007	**0.61**
MW-107A	MW-107A-0207	2/8/2007	ND<0.48
MW-201	MW-201-0207	2/7/2007	**1.1**
MW-203	MW-203-0207	2/8/2007	**1.9**
MW-204	MW-204-0207	2/7/2007	**1.4**
MW-205	MW-205-0207	2/7/2007	**0.91**
MW-501A	MW-501A-0207	2/12/2007	**13**
MW-502	MW-502-0207	2/9/2007	**7.6**
MW-503B	MW-503B-0207	2/9/2007	**0.76**
MW-504	MW-504-0207	2/9/2007	**4.5**
MW-603	MW-603-0207	2/6/2007	**5.8**
MW-604	MW-604-0207	2/7/2007	ND<0.49
MW-605	MW-605-0207	2/6/2007	**1.5**
	MW-605-0207-D	2/6/2007	**1.6**
MW-606	MW-606-0207	2/6/2007	ND<0.48
MW-607	MW-607-0207	2/6/2007	**2.8**
W-1	W-1-0207	2/8/2007	**0.95**
W-3A	W-3A-0207	2/8/2007	**1.9**
W-4	W-4-0207	2/8/2007	**2.1**
W-7	W-7-0207	2/9/2007	ND<0.48
W-8	W-8-0207	2/9/2007	ND<0.51
W-9	W-9-0207	2/6/2007	**0.72**
W-10	W-10-0207	2/9/2007	**6.4**
	W-10-0207-D	2/9/2007	**7.7**
W-11	W-11-0207	2/9/2007	**1**
W-12	W-12-0207	2/7/2007	**1**

Notes:
1,4-Dioxane was analyzed using EPA Method 8270C.
ND< - Not detected at the indicated reporting limit.
U.S. EPA has not established a Maximum Contaminant Level for 1,4-dioxane

TABLE 6
SUMMARY OF N-NITROSODIMETHYLAMINE IN GROUNDWATER

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Sample ID	Date	NDMA (micrograms per liter [µg/L])
EW-1	EW-1-0207	2/9/2007	ND<0.0019
MW-101	MW-101-0207	2/12/2007	ND<0.0020
MW-103	MW-103-0207	2/8/2007	ND<0.0020
MW-104A	MW-104A-0207	2/7/2007	ND<0.0020
MW-105	MW-105-0207	2/7/2007	ND<0.0020
	MW-105-0207-D	2/7/2007	ND<0.0019
MW-106A	MW-106A-0207	2/8/2007	ND<0.0019
MW-107A	MW-107A-0207	2/8/2007	ND<0.0019
MW-201	MW-201-0207	2/7/2007	ND<0.0019
MW-203	MW-203-0207	2/8/2007	ND<0.0019
MW-204	MW-204-0207	2/7/2007	**0.0047**
MW-205	MW-205-0207	2/7/2007	ND<0.0019
MW-501A	MW-501A-0207	2/12/2007	ND<0.0019
MW-502	MW-502-0207	2/9/2007	ND<0.0019
MW-503B	MW-503B-0207	2/9/2007	ND<0.0019
MW-504	MW-504-0207	2/9/2007	ND<0.0019
MW-603	MW-603-0207	2/6/2007	ND<0.0019
MW-604	MW-604-0207	2/7/2007	ND<0.0020
MW-605	MW-605-0207	2/6/2007	ND<0.0019
	MW-605-0207-D	2/6/2007	ND<0.0019
MW-606	MW-606-0207	2/6/2007	ND<0.0019
MW-607	MW-607-0207	2/6/2007	ND<0.0019
W-1	W-1-0207	2/8/2007	ND<0.0020
W-3A	W-3A-0207	2/8/2007	ND<0.0020
W-4	W-4-0207	2/8/2007	ND<0.0019
W-7	W-7-0207	2/9/2007	ND<0.0019
W-8	W-8-0207	2/9/2007	ND<0.0020
W-9	W-9-0207	2/6/2007	ND<0.0019
W-10	W-10-0207	2/9/2007	ND<0.0020
	W-10-0207-D	2/9/2007	ND<0.0020
W-11	W-11-0207	2/9/2007	ND<0.0020
W-12	W-12-0207	2/7/2007	ND<0.0020

Notes:
N - Nitrosodimethylamine was analyzed using EPA Method 1625C.
NMDA - N-Nitrosodimethylamine.
ND< - Not detected at the indicated reporting limit.
U.S. EPA has not established a Maximum Contaminant Level for NDMA

TABLE 7
SUMMARY OF PERCHLORATE IN GROUNDWATER

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Sample ID	Sample Date	Perchlorate (micrograms per liter [µg/L])
EW-1	EW-1-0207	2/9/2007	ND<4
MW-101	MW-101-0207	2/12/2007	ND<4
MW-103	MW-103-0207	2/8/2007	ND<4
MW-104A	MW-104A-0207	2/7/2007	ND<4
MW-105	MW-105-0207	2/7/2007	ND<4
	MW-105-0207-D	2/7/2007	ND<4
MW-106A	MW-106A-0207	2/8/2007	ND<4
MW-107A	MW-107A-0207	2/8/2007	ND<4
MW-201	MW-201-0207	2/7/2007	ND<4
MW-203	MW-203-0207	2/8/2007	ND<4
MW-204	MW-204-0207	2/7/2007	ND<4
MW-205	MW-205-0207	2/7/2007	ND<4
MW-501A	MW-501A-0207	2/12/2007	ND<4
MW-502	MW-502-0207	2/9/2007	ND<4
MW-503B	MW-503B-0207	2/9/2007	ND<4
MW-504	MW-504-0207	2/9/2007	ND<4
MW-603	MW-603-0207	2/6/2007	ND<4
MW-604	MW-604-0207	2/7/2007	ND<4
MW-605	MW-605-0207	2/6/2007	ND<4
	MW-605-0207-D	2/6/2007	**4.3**
MW-606	MW-606-0207	2/6/2007	ND<4
MW-607	MW-607-0207	2/6/2007	ND<4
W-1	W-1-0207	2/8/2007	ND<4
W-3A	W-3A-0207	2/8/2007	ND<4
W-4	W-4-0207	2/8/2007	ND<4
W-7	W-7-0207	2/9/2007	ND<4
W-8	W-8-0207	2/9/2007	ND<4
W-9	W-9-0207	2/6/2007	ND<4
W-10	W-10-0207	2/9/2007	ND<4
	W-10-0207-D	2/9/2007	ND<4
W-11	W-11-0207	2/9/2007	ND<4
W-12	W-12-0207	2/7/2007	ND<4

Notes:
Perchlorate was analyzed using EPA Method 314.0.
ND< - Not detected at the indicated reporting limit.
Bold indicates detected value.
U.S. EPA has not established a Maximum Contaminant Level for perchlorate

TABLE 8
SUMMARY OF BIODEGRADATION PARAMETER RESULTS IN GROUNDWATER

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Sample ID	Sample Date	Laboratory Analytical Methods					Field Test Methods		
			Methane (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L)	Ferrous Iron (mg/L)	pH	DO (mg/L)	ORP (mV)
EW-1	EW-1-0207	2/9/2007	NA	NA	NA	NA	NA	**8.09**	**10.82**	**-273**
MW-101	MW-101-0207	2/12/2007	NA	NA	NA	NA	NA	**7.68**	**10.22**	**93**
MW-103 *	MW-103-0207	2/8/2007	NA	NA	NA	NA	NA	NA	NA	NA
MW-104A	MW-104A-0207	2/7/2007	ND<0.05	**1.2**	**57**	**500**	ND<0.1	**7.91**	**10.18**	**149**
MW-105	MW-105-0207	2/7/2007	NA	NA	NA	NA	NA	**7.51**	**9.02**	**-110**
MW-106A	MW-106A-0207	2/8/2007	NA	NA	NA	NA	NA	**7.94**	**9.10**	**131**
MW-107A	MW-107A-0207	2/8/2007	NA	NA	NA	NA	NA	**7.91**	**9.01**	**-290**
MW-201	MW-201-0207	2/7/2007	NA	NA	NA	NA	NA	**7.56**	**8.90**	**-63**
MW-203	MW-203-0207	2/8/2007	NA	NA	NA	NA	NA	**7.87**	**9.54**	**86**
MW-204	MW-204-0207	2/7/2007	NA	NA	NA	NA	NA	**7.79**	**8.15**	**94**
MW-205	MW-205-0207	2/7/2007	**0.22**	ND<0.11	**420**	**620**	ND<0.1	**7.69**	**9.07**	**-81**
MW-501A	MW-501A-0207	2/12/2007	NA	NA	NA	NA	NA	**7.78**	**11.26**	**-49**
MW-502	MW-502-0207	2/9/2007	NA	NA	NA	NA	NA	**7.58**	**9.52**	**-63**
MW-503B	MW-503B-0207	2/9/2007	**0.62**	ND<0.11	**150**	**680**	ND<0.1	**7.62**	**9.74**	**-83**
MW-504 *	MW-504-0207	2/9/2007	NA	NA	NA	NA	NA	NA	NA	NA
MW-603	MW-603-0207	2/6/2007	NA	NA	NA	NA	NA	**8.00**	**8.62**	**182**
MW-604 *	MW-604-0207	2/7/2007	NA	NA	NA	NA	NA	NA	NA	NA
MW-605	MW-605-0207	2/6/2007	ND<0.05	**6.5**	**210**	**470**	ND<0.1	**7.95**	**8.71**	**203**
	MW-605-0207-D	2/6/2007	ND<0.05	**6.5**	**210**	**480**	ND<0.1			
MW-606	MW-606-0207	2/6/2007	ND<0.05	**9.3**	**300**	**370**	ND<0.1	**7.80**	**10.63**	**240**
MW-607	MW-607-0207	2/6/2007	NA	NA	NA	NA	NA	**7.89**	**8.33**	**23**
W-1	W-1-0207	2/8/2007	NA	NA	NA	NA	NA	**7.64**	**9.15**	**-65**
W-3A	W-3A-0207	2/8/2007	NA	NA	NA	NA	NA	**7.57**	**9.81**	**125**
W-4	W-4-0207	2/8/2007	NA	NA	NA	NA	NA	**7.79**	**9.18**	**-11**
W-9	W-9-0207	2/6/2007	NA	NA	NA	NA	NA	**7.78**	**8.27**	**-59**
W-10	W-10-0207	2/9/2007	NA	NA	NA	NA	NA	**7.61**	**9.80**	**-188**
W-11	W-11-0207	2/9/2007	NA	NA	NA	NA	NA	**7.76**	**8.56**	**-97**
W-12	W-12-0207	2/7/2007	NA	NA	NA	NA	NA	**7.92**	**8.98**	**12**

Notes
Methane was analyzed using Method RSK-175M.
Nitrate (as N) was analyzed using EPA Method 300.0.
Sulfate was analyzed using EPA Method 300.0.
Total alkalinity (as $CaCO_3$) was analyzed using Method SM 2320B.
Ferrous iron (Iron II) was analyzed using Method SM 3500-FeD.
DO - Dissolved oxygen.
ORP- Oxidation/reduction potential.
mg/L - Milligrams per Liter.
mV - Millivolts.
ND - Not detected at the indicated reporting limit.
NA - Not analyzed.
NM - Not measured.
Bold indicates detected value.
* Field parameters were not measured in wells MW-103, MW-504, and MW-604 since these wells were dewatered during purging.

TABLE 9
COMPARISON OF NOVEMBER 2006 AND FEBRUARY 2007 GROUNDWATER MONITORING DATA

2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g (mg/L)		Benzene (µg/L)		Toluene (µg/L)		Ethylbenzene (µg/L)		p/m-Xylene (µg/L)		o-Xylene (µg/L)	
		Nov-2006	Feb-2007	Nov-2006	Feb-2007	Nov-2006	Feb-2007	Nov-2006	Feb-2007	Nov-2006	Feb-2007	Nov-2006	Feb-2007
EW-1	2/9/2007	**4.8**	**4.1**	**65**	**41**	ND<2	ND<2	**68**	**39**	**16**	**9.4**	ND<2	ND<2
MW-101	2/12/2007	**1.9**	**2.1**	**100**	**240**	ND<2	ND<8	ND<2	ND<8	ND<2	ND<8	ND<2	ND<8
MW-103	2/8/2007	**0.43**	**0.36**	**4.1**	**36**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
MW-104A	2/7/2007	NS	**0.54**	NS	ND<2	NS	ND<2	NS	ND<2	NS	ND<2	NS	ND<2
MW-105	2/7/2007	**0.23**	**0.16**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
MW-106A	2/8/2007	**0.082**	**0.27**	ND<2	**2.6**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
MW-107A	2/8/2007	**0.78**	**0.5**	**24**	**80**	ND<2	ND<2	**4.7**	**21**	**9.1**	**25**	ND<2	ND<2
MW-201	2/7/2007	**1.1**	**1.1**	**58**	**94**	**3.4**	ND<2	**49**	**8.6**	**11**	**5.1**	**2.9**	ND<2
MW-203	2/8/2007	**0.26**	**0.15**	**2.5**	**2**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
MW-204	2/7/2007	**0.081**	**0.36**	ND<2	**4.9**	ND<2	ND<2	ND<2	**11**	ND<2	**14**	ND<2	ND<2
MW-205	2/7/2007	**0.36**	**0.15**	**7**	**24**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
MW-501A	2/12/2007	**13**	**13**	**3300**	**3800**	ND<2	ND<40	**100**	**130**	ND<2	ND<40	ND<2	ND<40
MW-502	2/9/2007	**35**	**15**	**1800**	**2200**	**51**	ND<400	**820**	**500**	**250**	**560**	ND<2	ND<400
MW-503B	2/9/2007	**3.5**	**1.6**	**26**	**59**	ND<2	ND<2	**4.7**	ND<2	ND<2	ND<2	ND<2	ND<2
MW-504	2/9/2007	**6.2**	**6.1**	**1000**	**140**	ND<2	ND<2	**130**	**13**	**220**	**120**	ND<2	**8.5**
MW-603	2/6/2007	**0.15**	**0.12**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
MW-604	2/7/2007	**0.33**	**0.54**	**7.2**	**9.8**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
MW-605	2/6/2007	ND<0.050	ND<0.050	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
MW-606	2/6/2007	ND<0.050	ND<0.050	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
MW-607	2/6/2007	**0.21**	**0.59**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
W-1	2/8/2007	**0.47**	**0.5**	**100**	**77**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
W-3A	2/8/2007	**8.1**	**1.4**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
W-4	2/8/2007	**0.23**	**0.2**	**6.1**	**3.1**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
W-7	2/9/2007	ND<0.050	ND<0.050	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	**2.6**	ND<2	ND<2
W-8	2/9/2007	**0.21**	**0.13**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
W-9	2/6/2007	ND<0.050	**0.067**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2
W-10	2/9/2007	**26**	**28**	**8200**	**6400**	**5000**	**2200**	**570**	**520**	**2100**	**2200**	**820**	**710**
W-11	2/9/2007	**12**	**8**	**99**	**95**	**12**	**14**	**74**	**78**	**240**	**280**	**37**	**27**
W-12	2/7/2007	**1.4**	**4.8**	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2

Notes:
mg/L - Milligrams per liter.
µg/L - Micrograms per liter.
NS- Not sampled.
ND<- Not detected at the indicated reporting limit.
Maximum concentrations from duplicate samples from August and November 2006 sampling event are shown.
Bold indicates detected value.

TABLE 10
PASSIVE HYDROCARBON RECOVERY SUMMARY

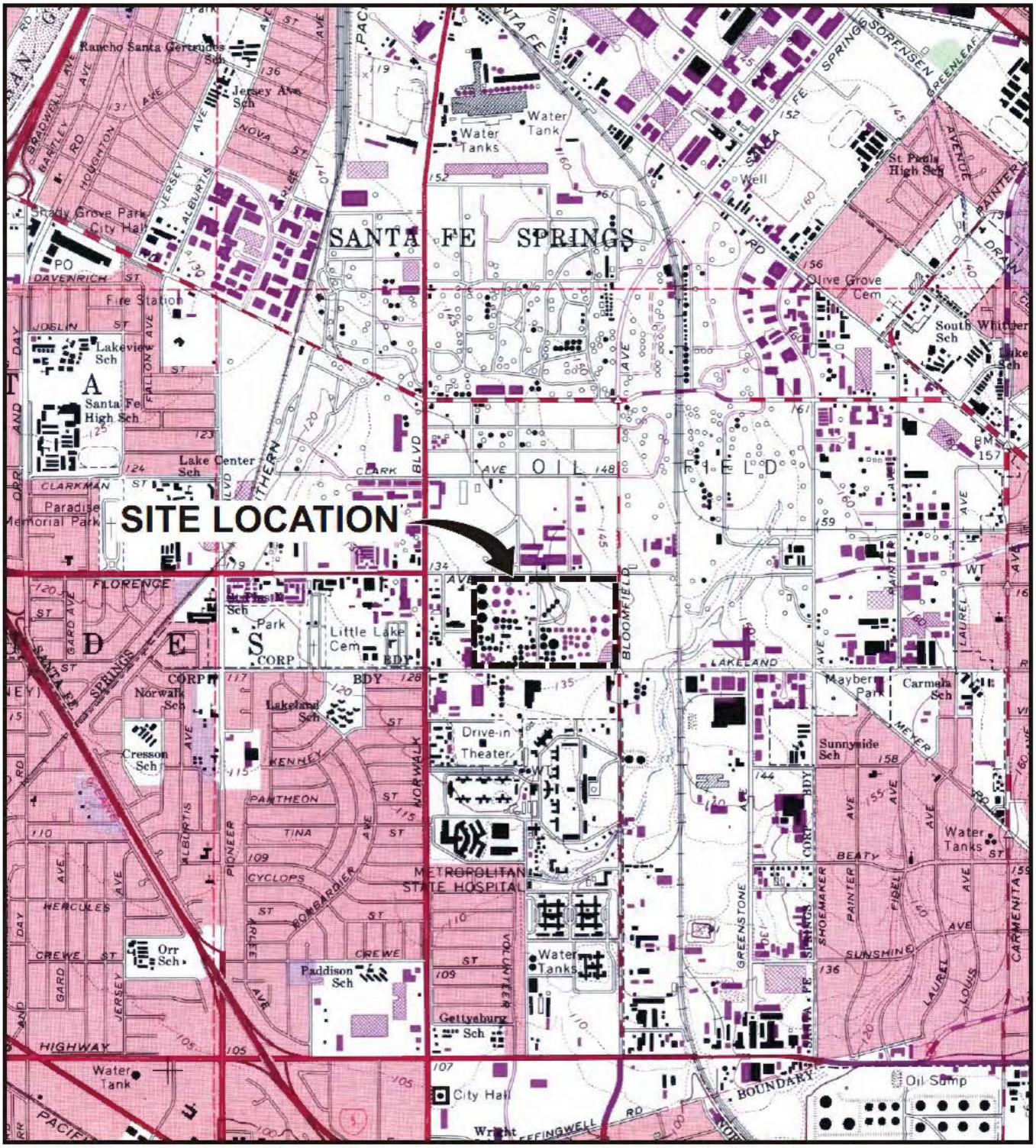
2007 FIRST QUARTER GROUNDWATER MONITORING REPORT
ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Absorbent Sock Replacement Date	Top of Casing Elevation (feet-msl)	Depth to Water (feet)	Depth to FPPH (feet)	Corrected Groundwater Elevation (feet-msl)	FPPH Thickness (feet)	Change in FPPH Thickness Q42006 - Q12007 (feet)	Comments
Initial Absorbent Canister Installation								
MW-600A	2/6/2007	120.34	88.48	85.52	34.23	2.96	NA	Total length of rope and canister = 88.5 feet
EW-1	2/15/2007	112.40	98.18	98.18	14.22	Sheen	NA	Total length of rope and canister = 98.2 feet
W-3A	2/15/2007	124.00	100.66	100.66	23.34	Sheen	NA	Total length of rope and canister = 100.7 feet
MW-504	2/15/2007	134.51	91.32	91.32	43.19	Sheen	NA	Total length of rope and canister = 91.3 feet
Absorbent Sock Replacements								
MW-600A	2/6/2007	120.34	NM	NM	NM	NM	NM[1]	Replaced ~ 5 hours after initial installation
	2/20/2007		NM	NM	NM	NM	NM[1]	
	3/20/2007		NM	NM	NM	NM	NM[1]	
EW-1	3/19/2007	112.40	NM	NM	NM	NM	NM[1]	
W-3A	3/19/2007	124.00	NM	NM	NM	NM	NM[1]	
MW-504	3/19/2007	134.51	NM	NM	NM	NM	NM[1]	

Notes:
FPPH - Free phase petroleum hydrocarbons.
Depth to groundwater measured on a quarterly basis.
Groundwater elevation = (top of casing elevation - depth to water) + (0.8 x hydrocarbon thickness).
Groundwater elevation correction for the presence of free product was performed assuming a specific gravity of 0.8 for the petroleum product.
NM - Not measured.
NA - Not applicable.
msl - Mean sea level.
[1] - FPPH thickness not able to be measured, as canisters were not present the previous quarter.

ARCADIS BBL

Figures



REFERENCE: BASE MAP USGS 7.5 MIN. QUAD., WHITTIER, CA. 1965, PHOTOREVISED 1981.

2000' 0 2000'

Approximate Scale: 1" = 2000'

Area Location

ISOLA AND RUIZ, LLP
FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

SITE LOCATION MAP

ARCADIS BBL
Infrastructure, environment, facilities

FIGURE 1

01/16/07 SYR-D85-DJHKLS
54203005/54203n01.cdr

FX-9: Wells

FX-9 Wells

FX-9 Wells

FX-9 Wells

FX-9 Wells

ARCADIS BBL

Appendices

ARCADIS BBL

Appendix A

Standard Operating Procedures

Approval Signatures

Prepared by: _____ Date: 06/09/06

Reviewed by: _____ Date: 6/9/06
(Technical Expert)

Reviewed by: _____ Date: 6/9/06
(Editorial Reviewer)

Reviewed by: _____ Date: 6/9/06
(Quality Assurance Reviewer)

Approved by: _____ Date: 6/9/06
(Project Manager)

Standard Operating Procedure: Field Sampling Equipment Decontamination

I. Scope and Application

The objective of this Standard Operating Procedure (SOP) is to describe the procedures to decontaminate non-dedicated, non-disposable sampling equipment and instruments intended for reuse. Equipment decontamination will occur prior to use on the site, between each sample location, and upon completion of the sampling program prior to leaving the site. Field sampling equipment will be decontaminated at a designated onsite or offsite equipment decontamination area, as designated by supervising field personnel. Sampling equipment may include the following:

- Soil sampling equipment such as hand augers, slide hammer samplers, direct push samplers, and split spoon samplers;
- Well construction materials;
- Soil sample sleeves;
- Water quality instruments;
- Water/product level meters; and
- Additional task-specific sampling equipment.

Equipment decontamination procedures for sampling equipment will be monitored with the collection of equipment rinsate blanks collected at a frequency of 5% or one per crew per day.

Equipment decontamination is a process of neutralization, washing, and rinsing exposed outer surfaces of equipment to minimize the potential for contaminant migration or cross-contamination. Decontamination methods include physical removal of contaminants, chemical detoxification, disinfection, and sterilization. Personnel decontamination procedures are described in the site *Health and Safety Plan (HASP)* (Blasland, Bouck & Lee, Inc., 2006). Refer to the SOP for Heavy Equipment Decontamination for the proper procedure for decontaminating large equipment.

II. Personnel Qualifications

Blasland, Bouck & Lee, Inc., an ARCADIS company (BBL), field personnel must have current health and safety training, including 40-hour Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) training, site supervisor training, site-specific training, first aid, and Cardio-Pulmonary Resuscitation (CPR), as needed. In addition, BBL field personnel must be versed in the relevant SOPs and possess the required skills and experience necessary to successfully complete the desired field work. All personnel of BBL's subcontractors are also required to have current 40-hour HAZWOPER training and first aid and CPR, as needed.

III. Equipment List

- Appropriate personal protective equipment (PPE) as specified in the HASP;

- Distilled or deionized water;
- Potable water;
- Non-phosphate detergent (Liqui-Nox, Alconox, or equivalent);
- Plastic 5-gallon buckets;
- Scrub brushes;
- Garbage bags;
- Spray bottles;
- Sealable plastic bags;
- Polyethylene sheeting; and
- Lint-free absorbent towels.

IV. Cautions

Ensure the designated equipment decontamination area is in a secure location. The decontamination area should be established in the Contamination Reduction Zone (CRZ) as specified in the HASP.

V. Health and Safety Considerations

- Appropriate PPE must be worn by all field personnel within the designated work area, as stated in the project HASP;
- Do not attempt to clean equipment that is in service;
- Always utilize the appropriate lifting and moving techniques when transferring equipment to the washing station;
- Use caution when walking near equipment decontamination areas (EDAs) due to potential wet surfaces and slip/trip/fall hazards; and
- Field sampling equipment, PPE, and field samples must be carefully handled to minimize the potential spread of hazardous substances.

VI. Procedure

Setup

1. Don protective clothing.
2. Provide proper signs and barricades for the cleaning area to control access.
3. Place the item to be cleaned inside one of the EDA washing areas.

Cleaning Procedures

1. Pre-clean the entire piece of equipment by brushing off all large soil accumulations using a scrub brush.
2. Wash equipment in a non-phosphate detergent bath using a scrub brush. For larger items, it may be appropriate to clean the equipment in sections.

3. Clean the equipment with potable water and a scrub brush.
4. Conduct final rinsing with distilled/deionized water.
5. The equipment should be clean and dry before it is ready to be re-used on site.
6. In the case the equipment will not be used right away, wrap in aluminum foil with shiny side out for storage.

Before leaving the area where a piece of equipment has been cleaned, conduct a final check to make sure all discarded materials, including paper towels, plastic sheeting, and disposable gloves, have been picked up and placed in a properly labeled drum. At the end of the day, all personal protective equipment must be cleaned and stored on site. No contaminated clothing or equipment will be permitted to leave the site.

VII. Waste Management

Decontamination water will transported from the EDA to the onsite treatment facility to be disposed off at the end of every work day. Soil residuals generated during equipment decontamination will be placed in DOT-approved drums and labeled. Containerized waste will be disposed of consistent with appropriate procedures as outlined in the Handling and Storage of Investigation-Derived Waste SOP. Used PPE is non-hazardous and will be double-bagged and placed in a municipal refuse dumpster.

VIII. Data Recording and Management

Field equipment decontamination activities will be recorded in the field logbook.

IX. Quality Assurance

After field decontamination, equipment should be handled only by personnel wearing clean gloves to prevent recontamination. In addition, the equipment should be moved away (preferably upwind) from the cleaning area to prevent recontamination. If the equipment is not to be immediately reused, it should be covered with plastic sheeting to prevent recontamination. The area where the equipment is kept prior to reuse must be free of contaminants.

All drums shall be properly marked, labeled, stored, and disposed in accordance with the procedures identified in the HASP.

X. References

Blasland, Bouck & Lee, Inc. (BBL). 2006. *Health and Safety Plan*. Prepared for Isola and Associates, LLP, Former CENCO Refinery, Santa Fe Springs, California (January 2006).

Approval Signatures

Prepared by: _____ Date: 06/09/06

Reviewed by: _____ Date: 6/9/06
(Technical Expert)

Reviewed by: _____ Date: 6/9/06
(Editorial Reviewer)

Reviewed by: _____ Date: 6/9/06
(Quality Assurance Reviewer)

Approved by: _____ Date: 6/9/06
(Project Manager)

Standard Operating Procedure: Groundwater Sampling

I. Scope and Application

This Standard Operating Procedure (SOP) describes in detail the requirements for proper sampling of groundwater monitoring and production wells by Blasland, Bouck & Lee, Inc. (BBL) at the Former CENCO Refinery site.

II. Personnel Qualifications

Blasland, Bouck & Lee, Inc., an ARCADIS company (BBL), field sampling personnel must have current health and safety training, including 40-hour Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) training, site supervisor training, site-specific training, first aid, and Cardio-Pulmonary Resuscitation (CPR), as needed. In addition, BBL field sampling personnel must conduct all groundwater sampling activities in a manner consistent with this SOP. It is the responsibility of the project manager (PM) to ensure that the activities discussed herein are properly staffed, planned, and executed.

III. Equipment List

The following equipment is required for sampling groundwater monitoring and production wells:

1. **Water Level Meter**: This meter is used to measure the depth to water from the top of the well casing and the total depth of the well by lowering the probe all the way to the bottom.
2. **Organic Vapor Monitor (OVM)**: This instrument is used to monitor the air quality in the breathing zone when opening a monitoring well. Organic vapor concentrations are expressed in parts per million (ppm).
3. **Vacuum Truck**: Groundwater sampling is conducted using a vacuum truck to purge the monitoring wells prior to sampling.
4. **Water Quality Meter(s)**: The meter(s) measures water quality parameters of the groundwater prior to sampling. The meter(s) must be calibrated daily or prior to use in accordance to manufacturer instructions. Water quality parameters may include pH, temperature, conductivity, turbidity, dissolved oxygen, oxidation-reduction potential, and total dissolved solids. One or more meters may be required to measure the desired water quality parameters.
5. **Five-Gallon Buckets**: Buckets are needed to transport fluids used for decontaminating sampling equipment.
6. **Purge Water Collection Container**: Purged groundwater will be collected in this container for field parameters measurement prior to sampling. Container may be a vacuum truck, 55-gallon, drums, or a portable tank.
7. **Disposable Bailers**: These are polyethylene sample collection devices used to manually extract groundwater samples from monitoring and production wells. Cotton twine, rather than polyester, will be used to lower bailers down the wells in order to prevent static electricity.
8. **Sample Cooler**: A sample cooler is used to store the groundwater samples on wet ice at a temperature lower than 6°C until the samples are transferred to the analytical laboratory.

9. **Well Keys**: In order to gain access to selected monitoring wells, the corresponding lock keys will be obtained prior to sampling.
10. **Miscellaneous Hardware**: This includes any tools that will be needed to open the groundwater monitoring wells to be sampled, such as screw drivers and adjustable wrenches.

IV. Cautions

The breathing zone quality must be monitored for organic vapors every time a monitoring or production well is opened. This is essential to avoid exposure to high levels of toxic or combustible vapors.

Only cotton twine is to be used to lower disposable bailers down the wells to avoid fire hazard due to static.

V. Health and Safety Considerations

All personnel including subcontractors must have read, understand, and abide by all requirements stated in the site *Health and Safety Plan (HASP)* (BBL, 2006) for all site activities. All personnel will have completed 40-hour HAZWOPER training and an annual 8-hour refresher taken within the last 12 months as specified under Title 8 California Code of Regulations Section 5192.

In accordance with the BBL HASP, the following PPE is required for use when personnel are performing sampling activities at the monitoring wells.

- Hard hat, meeting ANSI Z89, when falling object hazards are present;
- Safety glasses with side shields or goggles, meeting ANSI Z87;
- Steel-toe work boots, meeting ANSI Z41;
- Work gloves, as appropriate;
- Nitrile gloves, as appropriate;
- Nomex fire retardant coveralls; and
- Full-face, National Institute for Occupational Safety and Health- (NIOSH-) approved, air-purifying respirator with organic vapor cartridges, when high levels of organic vapors are detected.

VI. Procedure

A. General

- To protect against pinch points and biological hazards, wear leather gloves when opening monitoring well covers.
- To prevent back injury while removing vault covers flush to the ground, use the vault hook.
- To prevent back injury while sampling flush wells, use a chair or equivalent.
- A site map may be required to locate the groundwater monitoring or production wells.

B. Well Head Inspection

- The well must be securely locked using a cap or lid. The purpose of the cap is for security and to keep out insects, rodents, water or anything else that might enter the well. The cap or lid should fit snuggly and be lockable and must be replaced if otherwise. A slip cap is acceptable but may only be used when there is another means available to lock the well.
- The well casing must be in a good condition, free of large cracks, cuts, holes or other defects. Also note if the casing appears bent or dislocated more than normal.
- A seal, usually made of cement, is placed between the casing and the borehole during well construction to prevent surface water or other materials from migrating down to the aquifer. The seal must be in a good condition and not severely cracked or broken. In some cases the seal may have been extended onto the ground surface around the well to form a pad.
- There should not be any standing water around the well, whether on the ground surface or within the riser or well box.
- The well must have a legible identification marking. The marking can be a tag, label, or painted on.

C. Sampling Monitoring Wells

- Prior to opening a monitoring well, a full-face respirator must be worn to protect possible organic volatiles. Open well slowly, while holding the OVM meter tip at the head of the well casing to obtain a reading. Record the reading on the Well Measurements Form. Obtain a second reading in the breathing zone, defined as that zone within an 18-inch radius of the face during operations. Record the reading on the Air Monitoring Log. Refer to Chapter 6 of the Former CENCO Refinery project HASP (BBL, 2006) for contaminant action levels.
- The water level below the top of the casing must be measured using a water level meter prior to sampling. The top of well casing is usually marked by black paint. Care must be taken to ensure that the meter probe does not become entangled in the stinger/air assist tubing of the well. Record the level to the nearest hundredth of a foot on the Well Measurements Form and Groundwater Sampling Form. Measure the total depth of the well for all wells not containing free product. Depending on the water level meter utilized, 0.3 inches must be added to the total depth of the water level reading. If a total well depth measurement cannot be obtained due to limited space within the well, an approximate depth from well construction information sheet can be used to calculate the casing and purge volume.
- The well purge volume must be calculated and recorded next. The well volume factors listed in the table below are used to calculate the bore volume and purge volume.

Well Volume Conversion Factors

Well Casing ID (inches)	**Volume Factor** (gal/ft)
2.0	0.1632
3.0	0.3672
4.0	0.6528
4.5	0.8260
6.0	1.4690

ID – Inside diameter
gal/ft – Gallons per foot

Casing Volume (C), gal = (D-L) x V (1)
Calculated Purge Volume, gal = C x P (2)

Where:
D = total depth (ft)
L = depth to water level (ft)
V = Well volume factor (gal/ft)
P = Number of volumes to purge = 3 (Maximum of five if readings are not stable)

With the assistance of a vacuum truck, begin purging well and collect an initial field parameter measurement and record the required field parameters as stated on the Groundwater Sampling Form (pH, temperature, conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity). Continue collecting field parameter measurements during purging (minimum of 2 measurements per well volume purged) until a minimum of 3 casing volumes have been purged and pH, temperature, and conductivity are within 10% for the final 3 consecutive readings. If field parameters have not stabilized after five casing volumes have been purged, document the final measurements and sample. Make note of the lack of stabilization and bring to PM's attention.

- Decontaminate the field parameter probe, turn meters off and close storage cases. Decontaminate the field parameter collection container and store until next use.
- Record water level measurement following purging completion. Proceed to sampling only if the well has recharged to at least 80% of the original static water level.
- Using a disposable bailer tied to a cotton twine, sample the groundwater monitoring well, collect the samples in labeled containers, and store on ice in a cooler. The sample vials and bottles might contain preservatives depending on the analysis method. Record samples on the Chain of Custody (COC) forms.
- Replace the vault lid back on the well and lock.

NOTES

- If the well runs dry before three well casing volumes can be purged or parameters stabilized, the well is considered dewatered and should be allowed to recharge. The well is considered dry if, upon returning 24 hours later, one set of field parameters and the sample cannot be collected. If well is dry, record DRY on the Groundwater Sampling Form. If well recovery rate is ≥ 80% within 24 hours of purging, take 1 set of parameters and required samples. If well recovery rate is < 80% the following day and there is enough water to sample, then it is acceptable to take one set of parameters and the required samples. Finally, if unable to fill all sample containers due to the well dewatering while sampling, it is permissible to return within 24 hours to finish filling sample containers (this may continue into another 24 to 48 hour period after original purging due to slow recovery rate). Do not re-purge the well in this case.
- The following must be noted in comments on the Groundwater Sampling Form: water level prior to sampling, time of each sampling, and percent recovery rate of the well prior to each sampling.

VII. Waste Management

All equipment utilized in groundwater monitoring and production wells must be thoroughly decontaminated with a non-phosphate detergent solution and rinsed with deionized water (decontamination solution is a 1:3

mixture of detergent and DI water). All generated purged groundwater and decontamination liquids must be transported daily to the onsite wastewater treatment facility for disposal by the end of the sampling event.

VIII. Data Recording and Management

Groundwater sampling activities must be recorded in the field logbook.

IX. Quality Assurance

All purged groundwater and decontamination fluids will be disposed of at an onsite wastewater treatment system. Containerized waste will be disposed of consistent with appropriate procedures as outlined in the Handling and Storage of Investigation-Derived Waste SOP. Used PPE is non-hazardous and will be double-bagged and placed in a municipal refuse dumpster.

All drums shall be properly marked, labeled, stored, and disposed in accordance with the procedures identified in the HASP.

X. References

Blasland, Bouck & Lee, Inc. (BBL). 2006. *Health and Safety Plan*. Prepared for Isola and Associates, LLP, Former CENCO Refinery, Santa Fe Springs, California (January 2006).

Approval Signatures

Prepared by: _____ Date: 06/09/06

Reviewed by: _____ Date: 6/9/06
(Technical Expert)

Reviewed by: _____ Date: 6/9/06
(Editorial Reviewer)

Reviewed by: _____ Date: 6/9/06
(Quality Assurance Reviewer)

Approved by: _____ Date: 6/9/06
(Project Manager)

Standard Operating Procedure: Handling and Storage of Investigation-Derived Waste

I. Scope and Application

The objective of this Standard Operating Procedure (SOP) is to describe the procedures to manage investigation derived wastes (IDW) generated during drilling, well sampling, and decontamination procedures. IDW may include soil, groundwater, drilling fluids, decontamination liquids, personal protective equipment (PPE), and disposable sampling materials that may have come in contact with potentially impacted materials. All IDW will be collected at the point of generation and taken to a storage area onsite or to a disposal facility. Soil will be containerized in roll-off bins and DOT-approved drums and analyzed for constituents of concern to evaluate proper disposal methods. Contaminated groundwater, drilling fluids and decontamination liquids will be disposed off daily at an onsite wastewater treatment system and, thus, will not need to be stored. PPE and disposable sampling equipment is considered non-hazarded and will be double-bagged and placed in a municipal refuse dumpster. This SOP describes the necessary equipment, field procedures, materials, and documentation procedures necessary to do so, as well as the handling of these materials up to the time they are properly disposed. The procedures for handling IDW are based on the United States Environmental Protection Agency's *Guide to Management of Investigation Derived Wastes* (USEPA, 1992).

IDW will be managed to ensure the protection of human health and the environment and will comply with all applicable or relevant and appropriate requirements (ARAR). The following Laws and Regulations on Hazardous Waste Management are potential ARAR for this site.

State Laws

- Hazardous Waste Control Law (HWCL) Health and Safety Code §25100-25249;
- Hazardous Substance Account Act (HSAA) Health and Safety Code §25340-25392; and
- Hazardous Waste Treatment Permitting Reform Act (AB 1772) Health and Safety Code §25201.

State Regulations

- Identification and Listing of Hazardous Waste 22 California Code of Regulations (CCR) §§66261-66261.126;
- Requirements for Generators, Generally 22 CCR §§66262.10-66262.70;
- Requirements for Generators, Contingency Plan 22 CCR §§66264.50-66265.56;
- Requirements for Generators, Personnel Training 22 CCR §66265.16;
- Requirements for Transporters 22 CCR §66263; and
- Land Disposal Prohibitions 22 CCR §66268.

Federal Laws

- Resource Conservation and Recovery Act (RCRA) 42 United States Code (USC) §6901-6987;

- Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) 42 USC §9601-9675; and
- Superfund Amendments and Reauthorization Act (SARA).

Pending characterization, IDW will be stored appropriately onsite. Under RCRA, "storage" is defined as "the holding of hazardous waste for a temporary period, at the end of which the hazardous waste is treated, disposed of, or stored elsewhere" (40 Code of Federal Regulations [CFR] 2690.10). The onsite waste staging area will be in a secure and controlled area. Waste characterization involves sending samples for each media to a California-certified laboratory for analysis. Based on the results of previous waste characterization sampling completed at the Site, IDW is assumed to be a RCRA non-hazardous and California non-hazardous industrial waste. IDW will be classified as RCRA hazardous or California hazardous, if analytical results indicate hazardous characteristics.

If IDW exhibits RCRA hazardous characteristics, RCRA requirements will be followed for packaging, labeling, transporting, storing, and recordkeeping, as described in 22 CCR §66262.34. Wastes judged to potentially meet the criteria for hazardous wastes shall be stored in DOT-approved containers. Waste material classified as RCRA non-hazardous may be handled and disposed of as an industrial waste.

If IDW exhibits California hazardous characteristics, Title 22 of the California Code of Regulations will be followed for packaging, labeling, transporting, storing, and recordkeeping, as described in 22 CCR §66262. Waste material classified as California non-hazardous waste may be disposed of as an industrial waste. Blasland, Bouck & Lee, Inc., an ARCADIS company (BBL), is responsible for waste handling and characterization. BBL will also contract a licensed waste hauler to dispose of hazardous waste.

II. Personnel Qualifications

BBL field personnel must have current health and safety training, including 40-hour Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) training, site supervisor training, site-specific training, first aid, and Cardio-Pulmonary Resuscitation (CPR), as needed. In addition, BBL field personnel must be versed in the relevant SOPs and possess the required skills and experience necessary to successfully complete the desired field work.

III. Equipment List

- Appropriate personal protection equipment (PPE) as specified in the *Health and Safety Plan (HASP)* (BBL, 2006);
- 55-gallon steel drums, DOT 1A2 or equivalent;
- Socket wrench set;
- Hammer;
- Leather gloves;
- Drum dolly;
- Appropriate drum and bin labels (outdoor waterproof self-adhesive);
- DOT-approved roll-off bins;
- Indelible ink and/or permanent marking pens; and

- Appropriate sample containers, labels, and forms.

IV. Cautions

1. Filled drums can be very heavy; always use appropriate moving techniques and equipment.
2. Similar media must be stored in the same drums to aid in sample analysis and disposal.
3. Drum lids must be secured to prevent rainwater from entering the drums.
4. Drums containing solid material may not contain any free liquids.
5. All drums must be in good condition to prevent potential leakage and facilitate subsequent disposal. Inspect the drums for dents and rust, and verify the drum has a secure lid prior to use.

V. Health and Safety Considerations

1. Appropriate PPE must be worn by all field personnel within the designated work area, as stated in the project HASP.
2. Air must be periodically monitored during drilling and sampling activities, as required in the HASP.
3. If excavating in potentially hazardous areas is possible, contingency plans should be developed to address the potential for encountering gross contamination or non-aqueous phase liquids (NAPL).

VI. Procedure

Impacted soil generated from drilling and sampling activities will be transported in a hopper to onsite roll-off bins for storage or transferred to a 55-gallon drum. Every container must be properly labeled and covered to prevent rainwater from entering and to minimize the release of the contaminants to the surroundings. Waste materials, such as broken sample bottles or equipment containers and wrappings, will not be placed in bins or drums with soil or water.

Waste Management

Waste management efforts will focus on the minimization of IDW during the project activities. For example, aqueous-based cleaners instead of solvent-based ones must be used for the decontamination of equipment; traffic between exclusion and support zones must be minimized; and drilling methods and sampling techniques that generate relatively less waste must be adopted.

Waste Container Labeling

Outdoor, waterproof, self-adhesive labels must be used to identify drums and bins containing soil cuttings. IDW containers will be labeled as follows:

- Appropriate California waste characterization label (Testing In Progress, Hazardous, or Non-Hazardous);
- Waste generator's name (BBL);
- Project name (CENCO Former Refinery);
- Project address (12345 Lakeland Road, Santa Fe Springs, CA);
- Name and telephone number of BBL Field Manager;

- Accumulation start date; and
- Container number.

Drilling Soil Cuttings and Muds

Soil cuttings are solid to semi-solid soils generated during trenching activities, subsurface soil sampling, or installation of monitoring wells. Since direct push, hollow stem auger, and sonic rotary drilling are the techniques of choice in this project, no drilling fluids or "muds" will be used to remove soil cuttings.

Soil cuttings will be stored in 55-gallon steel drums or roll-off bins, which will be kept closed during storage and maintained a in good condition in accordance with the *Guide to Management of Investigation-Derived Wastes* (USEPA, 1992).

Decontamination Solutions

Decontamination solutions are generated during decontamination of PPE and sampling equipment. Decontamination solutions may range from non-phosphate detergents (e.g. Liqui-Nox) to decontaminate small field sampling equipment to steam cleaning rinsate used to wash heavy field equipment. These solutions will be disposed of at an onsite wastewater treatment system.

Disposable Equipment

Disposable equipment includes PPE (Tyvek® coveralls, gloves, booties, and APR cartridges) and disposable sampling equipment such as disposable bailers. These materials are considered non-hazardous and will be double-bagged and disposed of in a municipal refuse dumpster.

Purge Water

Purge water includes groundwater generated during well development, groundwater sampling, or aquifer testing. The volume of groundwater generated will dictate the appropriate storage procedure. Monitoring well development and groundwater sampling may generate three well volumes of groundwater or more. This volume will be temporarily stored in vacuum truck (utilized to purge the wells) or waste containers (portable tanks or drums) prior to disposal at the onsite wastewater treatment system.

VII. Data Recording and Management

Waste characterization sample handling, packing, and shipping procedures will be documented in the field logbook. Copies of the chain-of-custody forms will be maintained in the project file. Following waste characterization, BBL will initiate disposal at the appropriate waste disposal facility.

VIII. Quality Assurance

The chain-of-custody and sample labels for waste characterization samples will be filled out in accordance with the *Additional Site Investigation Work Plan* (Haley & Aldrich, Inc., 2005).

IX. References

Blasland, Bouck & Lee, Inc. (BBL). 2006. *Health and Safety Plan*. Prepared for Isola and Associates, LLP, Former CENCO Refinery, Santa Fe Springs, California (January 2006).

California Environmental Protection Agency (CalEPA). 1995. *Representative Sampling of Groundwater for Hazardous Substances.* Guidance Manual for Ground Water Investigations (July 1995).

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

United States Environmental Protection Agency (USEPA). 1992. *Guide to Management of Investigation-Derived Wastes*. Office of Remedial and Emergency Response. Hazardous Site Control Division (January 1992).

ARCADIS BBL

Appendix B

Groundwater Monitoring Field Forms

ARCADIS BBL
Infrastructure, environment, facilities

1/2

WELL MEASUREMENTS FORM

Site Name: Former CENCO Refining
Date: 02.05.07
Client: Isola & Ruiz, LLP
Recorded By: Mike Zain / Matt Worthington
Project Location: Santa Fe Springs, CA
Weather: Sunny, Warm (High 70's F)

WELL ID	DEPTH TO WATER	TOTAL DEPTH	DEPTH TO PRODUCT	PRODUCT THICKNESS	PID (ppm)	LEL (%)	H_2S (ppm)	O_2 (%)	CO	COMMENTS
MW-604	101.91	103.16	—	—	0.0	0.0	0.0	21.7	2.0	
MW-601A	Dry	89.66	—	—	1.2	0.0	0.0	21.7	0.0	
MW-603	85.01	97.85	—	—	0.0	0.0	0.0	21.8	0.0	
MW-605	86.32	93.96	—	—	0.0	0.0	0.0	21.8	1.0	
MW-606	89.30	99.21	—	—	0.0	0.0	0.0	19.3	0.0	
MW-607	100.57	106.19	—	—	4.2	0.0	0.0	21.7	0.0	
MW-104A	88.35	100.20	—	—	0.0	0.0	0.0	21.8	0.0	
MW-9	84.65	110.19	—	—	1.4	0.0	0.0	21.7	1.0	
MW-204	94.32	99.69	—	—	0.0	0.0	0.0	21.7	0.0	
W-12	93.93	116.09	—	—	5.2	16.0	0.0	21.3	3.0	
MW-103	92.83	94.31	—	—	0.0	0.0	0.0	21.8	0.0	
W-11	91.24	102.83	—	—	95.1	100+	0.0	19.5	2.0	
W-8	64.04	NM	—	—	0.0	0.0	0.0	21.8	0.0	
W-10	88.16	110.33	—	—	73.6	12%	0.0	21.5	3.5	
W-7	82.98	NM	—	—	0.0	0.0	0.0	21.9	0.0	
MW-105	87.66	99.22	—	—	57	100+	0.0	6.4	0.0	

2/2

ARCADIS BBL
Infrastructure, environment, facilities

WELL MEASUREMENTS FORM

Site Name: Former CENCO Refinery
Date: 02.05.07
Client: Isola & Ruiz LLP
Recorded By: Meher Zein / Matt Worthington
Project Location: Santa Fe Springs, CA
Weather: Sunny, Warm (high 70's)

WELL ID	DEPTH TO WATER	TOTAL DEPTH	DEPTH TO PRODUCT	PRODUCT THICKNESS	PID (ppm)	LEL (%)	H_2S (ppm)	O_2 (%)	CO	COMMENTS
MW-203	93.84	102.45	—	—	34.4	24%	0.0	21.5	0.0	
MW-106A	95.90	110.08	—	—	5.6	28%	0.0	15.5	2.0	
MW-107A	96.41	109.69	—	—	3.7	23%	0.0	1.2	3.0	
MW-600A	88.48	NM	85.52	~~3.04'~~ 2.96'	61.0	100+	4.0	5.6	46	Strong HC Odor
W-3A	100.62	110.40	—	—	24.4	100+	0.0	20.8	47	
W-4A	101.82	129.09	—	—	2.3	0.0	0.0	18.6	0.0	
W-1	100.66	129.75	—	—	43.6	100+	0.0	8.5	0.0	
MW-205	88.52	98.31	—	—	589	100+	5	22.0	88	Strong HC Odor
MW-201	89.34	100.95	—	—	116	100+	10	2.7	68	Strong HC Odor
MW-101	88.20	90.65	—	—	46.6	100+	7	2	2	Strong HC Odor
MW-202	Dry	92.68	—	—	100.0	100+	3	9.9	12	
MW-501A	91.02	93.05	—	—	72.5	100+	10	17.5	66	Strong HC + Fumes Odor
MW-502	90.80	99.95	—	—	110	100+	0.0	3.6	21	Strong HC Odor
MW-503B	91.28	108.79	—	—	98.7	100+	1	3.3	209	High CO
EW-1	98.16	112.29	—	—	75	100+	62	1.8	35	
MW-504	91.26	95.81	—	—	133	100+	0.0	19.9	3	Sheen

F:\IBM\FORMS\WELL MEASUREMENTS.XLS

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-101
Well Type: Monitor Extraction Other:
Date: 2/12/07 Time: 8:30

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 90.65

Water Level Depth (WL in feet BTOC) : 88.20

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type ~~Vac Truck~~ (MW) Bailer

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(90.65 - 88.20) X 4 ² X 3 X 0.0408 = 5 gallons
TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

1 gallons

PURGE TIME

8:35 Start 9:13 Stop ____ Elapsed

PURGE RATE

Initial / gpm Final / gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp ~~(F)~~	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
8:43	1	18.32	7.68	1.92	10.22	93	999	89.82

Bailed dry 1.5 gal.

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : cloudy, sl odor, turbid, Fair-poor recovery
Discharge Water Disposal: ~~Vac Truck~~ sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 14:25

Depth to Water : 88.78

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-101-0207	10	Various	/	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refining
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-103
Well Type: Monitor Extraction Other:
Date: 2/07/07 **Time:** 13:50

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 94.31

Water Level Depth (WL in feet BTOC) : 92.83

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~, Type Vac truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(94.31 - 92.83) X 4 ^{2} X 3 X 0.0408 = 3 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

/ gallons

PURGE TIME

13:55 Start 14:00 Stop 5 Elapsed

PURGE RATE

Initial / gpm Final / gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
	1							
	2							
	3							

Vac Truck located well dry
Sample 2/13/07

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) :
Discharge Water Disposal: Vac Truck — Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type: Disposable

Sampling Time (80%) Recharge: 6:30

Depth to Water : 92.91

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-103-0207	10	Various	1	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refining
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-104A
Well Type: Monitor Extraction Other:
Date: 7/9/07 **Time:** 9:10

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other 4 in

Total Depth of Casing (TD in feet BTOC) 100.20

Water Level Depth (WL in feet BTOC) : 88.35

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(100.20 - 88.35) X 4² X 3 X 0.0408 = 23 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

25 gallons

PURGE TIME

9:55 Start 10:25 Stop 30 Elapsed

PURGE RATE

Initial 1.0 gpm Final 1.0 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp °C	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
10:00	5	16.57	8.10	2.16	9.95	152	450	96.15
10:05	10	15.93	8.00	2.22	10.27	155	117	97.17
10:10	15	15.97	7.99	2.22	10.22	152	234	98.29
10:15	20	15.92	7.92	2.24	10.20	150	232	98.30
10:20	25	15.90	7.91	2.26	10.18	149	230	98.30

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : Clear, no odor, fair recovery, 30 turb
Discharge Water Disposal: Vac truck sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 10:40

Depth to Water : 89.42

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-104A-0707	9	Various	✓	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenex Refinery
Project Number : 54205.001
Recorded by : Matt LD

Well Number MW-105
Well Type: Monitor Extraction Other:
Date: 02/07/07 **Time:** 11:10

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 99.22

Water Level Depth (WL in feet BTOC) : 87.55

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(99.22 - 87.55) X 4 ^{2} X 3 X 0.0408 = 23 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

25 gallons

PURGE TIME

11:15 Start 11:30 Stop 15 Elapsed

PURGE RATE

Initial 1.25 gpm Final 1.25 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F) 20.17	pH 7.63	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
11:17	5	~~20.63~~	~~7.63~~	999	9.14	-96	176	88.05
11:20	10	20.52	7.58	1.87	9.01	-107	47.2	88.07
11:23	15	20.48	7.53	1.85	9.04	-113	999	88.08
11:26	20	20.45	7.55	1.85	9.03	-111	999	88.08
11:30	25	20.43	7.51	1.85	9.02	-110	999	88.08

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : sl cloudy, sl odor, good recovery, turbid
Discharge Water Disposal: Vac truck - temp

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 88.00

Depth to Water : @ 11:30
11:45-D

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-105-0207	10	Various	✓	Various	HCL / ice
MW-105-0207-D	10	"	✓	"	" "

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refining
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-106A
Well Type: Monitor Extraction Other:
Date: 2/7/07 Time: 7:33

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch (4-inch) 6-inch Other

Total Depth of Casing (TD in feet BTOC) 110.08

Water Level Depth (WL in feet BTOC) : 95.90

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(110.08 - 95.90) x 4 ² x 3 x 0.0408 = 28 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

30 gallons

PURGE TIME

7:50 Start 8:09 Stop 19 Elapsed

PURGE RATE

Initial ~1.66 gpm Final ~1.66 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (°C)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
7:53	5	15.32	8.38	1.84	11.19	138	937	96.68
7:58	10	18.41	8.04	1.83	9.62	142	507	96.72
8:00	15	19.29	8:04	1.85	9.19	138	142	96.74
8:03	20	18.80	8.01	1.84	9.23	133	995	96.75
8:05	25	18.85	7.98	1.85	9.19	132	999	96.75
8:08	30	18.95	7.94	1.85	9.10	131	595	96.75

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : sl odor, clear, sl turbid, good recovery
Discharge Water Disposal: Vac Truck — Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 95.95 8:10

Depth to Water :

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-106A 0207	10	Various	1	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cerro Refinery site
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-107A
Well Type: Monitor Extraction Other:
Date: 2/8/07 Time: 10:10

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 109.69

Water Level Depth (WL in feet BTOC) : 96.41

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(109.69 - 96.41) X 4 ²X 3 X 0.0408 = 2.6 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

30 gallons

PURGE TIME

10:15 Start 10:30 Stop 23 Elapsed

PURGE RATE

Initial 1.66 gpm Final 1.66 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
10:20	5	18.40	8.24	1.69	9.73	-260	978	96.65
10:23	10	19.57	8.10	1.76	9.25	-271	698	96.68
10:26	15	20.27	7.95	1.76	8.98	-280	348	96.70
10:29	20	20.15	7.97	1.81	9.03	-276	89.0	96.71
10:32	25	20.08	7.93	1.82	8.98	-281	999	96.72
10:35	30	20.05	7.91	1.81	9.01	-290	999	96.72

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : turbid, slight odor (H_2S), Cloudy, good recovery

Discharge Water Disposal: Vac Truck - sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 10:45

Depth to Water : 97.07

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-107A-0207	10	Various	/	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refining
Project Number : 54205.001
Recorded by : Mathew

Well Number MW-201
Well Type: (Monitor) Extraction Other: _____
Date: 2/7/07 **Time:** 14:00

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches) _____

2-inch (4-inch) 6-inch Other _____

Total Depth of Casing (TD in feet BTOC) 100.95

Water Level Depth (WL in feet BTOC) : 89.34

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ Type Vac Truck

Submersible Centrifugal Bladder

Other -Type _____

PURGE VOLUME CALCULATION

(100.95 - 89.34) X 4 ²X 3 X 0.0408 = 23 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

25 gallons

PURGE TIME

14:05 Start 14:21 Stop 16 Elapsed

PURGE RATE

Initial ~2.5 gpm Final ~1.66 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (°C)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
14:08	5	20.16	7.90	0.005	9.38	10	91.5	89.95
14:10	10	20.89	7.66	1.92	9.03	-67	999	89.88
14:13	15	21.03	7.60	1.87	8.91	-58	999	89.91
14:16	20	21.21	7.50	1.86	8.89	-65	999	89.91
14:19	25	21.26	7.56	1.84	8.90	-63	999	89.91

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : turbid, sl cloudy, sl odor, good recovery
Discharge Water Disposal: Vac Truck - Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 14:25

Depth to Water : 89.63

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-201-0207	10	Various	✓	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refining
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-203
Well Type: Monitor ~~Extraction~~ Other:
Date: 7/8/07 **Time:** 8:55

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch (4-inch) 6-inch Other

Total Depth of Casing (TD in feet BTOC) 102.43

Water Level Depth (WL in feet BTOC) : 93.84

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(102.43 - 93.84) X 4 ²X 3 X 0.0408 = 17 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

18 gallons

PURGE TIME

900 Start 925 Stop 25 Elapsed

PURGE RATE

Initial ~1.0 gpm Final ~1.0 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (~~F~~ C)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
9:06	3	14.82	8.09	238	10.87	144	97.7	98.44
9:09	6	16.27	7.92	2.32	10.21	135	144	98.89
9:11	9	17.81	7.88	2.37	9.56	80	60.7	99.05
9:13	12	17.75	7.87	2.31	9.57	80	10.3	99.07
9:17	15	17.70	7.87	2.32	9.58	85	11.4	99.09
9:20	18	17.68	7.87	2.31	9:54	86	999	99.09

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : Clear, sl odor, sl turbid, fair recovery
Discharge Water Disposal: Truck into sump onsite

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 94.75

Depth to Water : 9:48

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-203 0707	10	Various	/	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 59205 001
Recorded by : MAH W

Well Number MW-20 f
Well Type: Monitor Extraction Other:
Date: 2/6/07 ~~2/2/07~~ **Time:** 14:58 ~~3:20~~

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch (4-inch) 6-inch Other

Total Depth of Casing (TD in feet BTOC) 99.69

Water Level Depth (WL in feet BTOC) : 94.32

Number Of Well Volumes to be Purged (# Vols)

(4) 5 10 Other

PURGE METHOD

~~Bailer~~ Type Vac truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(99.69 - 94.32) X 4 ²X 3 X 0.0408 = 10.5 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

12 gallons

PURGE TIME

~~3:35~~ Start 3:50 Stop 15 Elapsed

PURGE RATE

Initial ~.66 gpm Final ~.66 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp °C	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
3:37	2	21.60	7.93	2.16	8.57	111	999	94.84
3:40	4	22.43	7.88	2.11	8.25	107	999	94.86
3:42	6	22.47	7.83	2.07	8.21	100	999	94.88
3:44	8	22.53	7.82	2.11	8.19	97	999	94.89
3:46	10	22.51	7.81	2.12	8.17	95	999	94.90
3:48	12	22.31	7.79	2.11	8.15	94	999	94.90

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : sl cloudy, sl. mod odor, turbid, recovers well (sediment in both)
Discharge Water Disposal: Vac Truck - Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 3:45

Depth to Water : 94.52

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-20f-0207	10	Various	Y	Various	HCL / ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 59205.001
Recorded by : Matt W

Well Number MW-205
Well Type: Monitor Extraction Other:
Date: 2/9/07 **Time:** 12:40

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 98.31

Water Level Depth (WL in feet BTOC) : 88.52

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(98.31 - 88.52) X 4 ² X 3 X 0.0408 = 20 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

20 gallons

PURGE TIME

12:45 Start 13:00 Stop 15 Elapsed

PURGE RATE

Initial 1.66 gpm Final 1.66 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (°C)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
12:48	5	21.13	7.81	2.08	9.73	-33	999	89.22
12:51	10	21.48	7.69	2.00	9.06	-75	999	89.25
12:54	15	21.31	7.70	1.99	9.09	-78	999	89.26
12:58	20	21.24	7.69	2.00	9.07	-81	999	89.28

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : cl cloudy, turbid, good recovery, mod odor
Discharge Water Disposal: Vac Truck Sump.

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 88.72 13:05

Depth to Water : ✓

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-205-0207	18	Various	/	Various	HCL/ICED

ARCADIS BBL
infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 59205.001
Recorded by : Matt W

Well Number MW-501A
Well Type: Monitor **Extraction Other:**
Date: 2/8/07 **Time:** 7:10

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch (4-inch) 6-inch Other

Total Depth of Casing (TD in feet BTOC) 93.05

Water Level Depth (WL in feet BTOC) : 91.02

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(93.05 - 91.02) X 4 ²X 3 X 0.0408 = 4 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

1.5 gallons

PURGE TIME

7:15 Start 7:29 Stop 14 Elapsed

PURGE RATE

Initial / gpm Final / gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (~~F~~) C	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
7:22	1.0	17.13	7.78	1.67	11.26	-99	999	92.75
	2.0							
	3.0							
	4.0							

Bailed dry after 1.5 gals

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : cloudy, turbid, poor recovery, sl-mod odor

Discharge Water Disposal: Vac Truck — sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 13:10

Depth to Water : 91.35

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-501A-0207	10	Various	/	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-502
Well Type: Monitor Extraction Other:
Date: 2/9/07 Time: 9:48

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 99.45

Water Level Depth (WL in feet BTOC) : 90.80

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(99.45 - 90.80) X 4 ²X 3 X 0.0408 = 17 gallons
TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

20 gallons

PURGE TIME

951 Start 10:10 Stop 19 Elapsed

PURGE RATE

Initial ~1.3 gpm Final ~1.3 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
9:54	4	18.22	7.61	~~99.9~~ 30.3	10.15	-5	32.6	91.12
9:58	8	19.61	7.63	1.91	9.72	-18	15.2	91.13
10:03	12	20.20	7.60	1.87	9.65	-62	10.4	91.13
10:06	16	20.24	7.59	1.89	9.54	-65	15.0	91.13
10:08	20	20.31	7.58	1.82	9.52	-63	9.99	91.13

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : odor, s/ turbid, good recovery, cloudy
Discharge Water Disposal: Vac Truck — Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 10:10

Depth to Water : 90.92

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-502-0207	10	Various	/	Various	ICED/HCL

ARCADIS BBL
infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 54205.001
Recorded by : Matt

Well Number MW-503B
Well Type: Monitor Extraction Other:
Date: 2/9/07 **Time:** 8:40

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 108.79

Water Level Depth (WL in feet BTOC) : 91.28

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(108.79 - 91.28) X 4 ² X 3 X 0.0408 = 34 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

40 gallons

PURGE TIME

8:46 Start 9:08 Stop 22 Elapsed

PURGE RATE

Initial ~2.5 gpm Final ~2.5 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (°C)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
8:50	10	16.73	7.67	1.57	10.46	-69	4.7	91.70
8:54	20	18.57	7.66	1.64	9.64	-80	999	91.72
8:59	30	18.23	7.66	1.65	9.72	-79	999	91.72
9:02	35	18.42	7.64	1.64	9.76	-82	999	91.72
9:05	40	18.57	7.62	1.65	9.74	-83	999	91.72

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : clear, turbid sl odor (petroleum), good recovery

Discharge Water Disposal: Vac Truck — Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 91.41 9:10

Depth to Water :

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-503B-0207	3	Various	/	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refining
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-504
Well Type: Monitor Extraction Other:
Date: 2/9/07 Time: 10:42

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 95.81

Water Level Depth (WL in feet BTOC) : 91.26

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(95.81 - 91.26) X 4 ²X 3 X 0.0408 = 9.0 gallons
TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

gallons

PURGE TIME

10:48 Start 10:52 Stop 4 Elapsed

PURGE RATE

Initial gpm Final gpm

CONTROLLER SETTING

Initial Hz Final Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
	2							
	4							
	6							
	8							
	10							

Purged dry? let recovery

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : (odor) well may have bailer in it stinger/well damaged
Discharge Water Disposal: Vac Truck - sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 15:10

Depth to Water : 91.30

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-504-0209	10	Various	1	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-603
Well Type: Monitor/Extraction Other:
Date: 2/6/07 **Time:** 1130

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch (4-inch) 6-inch Other

Total Depth of Casing (TD in feet BTOC) 97.85

Water Level Depth (WL in feet BTOC) : 85.01

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(97.85 - 85.01) X 4 ²X 3 X 0.0408 = 25 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

26 gallons

PURGE TIME

11:12 Start 11:25 Stop 13 Elapsed

PURGE RATE

Initial 2.5 gpm Final 2.5 gpm

CONTROLLER SETTING

Initial — Hz Final — Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (°C)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
11:15	5	24	8.25	1.84	8.23	151	52.4	85.34
11:17	10	22.77	8.05	1.80	8.51	161	45	85.35
11:19	15	22.45	8.00	1.80	8.59	174	999	85.36
11:21	20	22.43	8.00	1.80	8.61	181	999	85.36
11:23	25	22.42	8.00	1.81	8.62	182	999	85.36

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : turbid, no odor, good recovery, slt cloudy
Discharge Water Disposal: Vac. Truck - sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 11:30

Depth to Water : 85.05

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-603-0207	10	Various	✓	Various	HCL / NONE

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cerro Refinery
Project Number : 54205 001
Recorded by : Matt W

Well Number MW-604
Well Type: Monitor Extraction Other:
Date: 2/6/07 **Time:** 12:55

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 103.16

Water Level Depth (WL in feet BTOC) : 101.91

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(103.16 - 101.91) X 4 ²X 3 X 0.0408 = 2.5 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

gallons

PURGE TIME

12:59 Start — Stop — Elapsed

PURGE RATE

Initial — gpm Final — gpm

CONTROLLER SETTING

Initial — Hz Final — Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
	.5							
	1							
	1.5							
	2							
	2.5							
	3							

Purged dry

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) :
Discharge Water Disposal:

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 101.96 6:30am 2/7/07

Depth to Water :

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-604-0207	10	Various	1	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Conco Refining
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-605
Well Type: Monitor Extraction Other:
Date: 2/6/07 **Time:** 9:20

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 93.96

Water Level Depth (WL in feet BTOC) : 86.32

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(93.96 - 86.32) X 4 ^{2} X 3 X 0.0408 = 15 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

10 gallons

PURGE TIME

9:26 Start 10:15 Stop 49 Elapsed

PURGE RATE

Initial ~.375 gpm Final .375 gpm

CONTROLLER SETTING

Initial N/A Hz Final N/A Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp °C	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
9:36	3	19.32	8.01	2.05	9.79	237	999	86.40
9:47	6	19.55	7.97	2.07	8.90	227	999	86.46
9:54	9	19.36	7.94	2.08	8.93	199	999	86.48
10:03	12	19.40	7.95	2.07	8.67	205	999	86.48
10:07	15	19.38	7.96	2.03	8.69	202	999	86.47
10:14	18	19.39	7.95	2.05	8.71	203	999	86.48

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : sl. cloudy, turbid, good recovery, no odor
Discharge Water Disposal: Vac truck

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 10:20

Depth to Water : 86.35

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-605 0207	13	Various	✓	Various	HCL/ICED
MW-605 0207-D	13	Various	✓	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-606
Well Type: Monitor Extraction Other:
Date: 2/6/07 Time: 7:37

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)
2-inch 4-inch 6-inch Other
Total Depth of Casing (TD in feet BTOC) 99.21
Water Level Depth (WL in feet BTOC) : 89.30
Number Of Well Volumes to be Purged (# Vols)
4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac truck
Submersible Centrifugal Bladder
Other -Type

PURGE VOLUME CALCULATION

(99.21 - 89.30) X 4 ² X 3 X 0.0408 = 20 gallons
TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

21 gallons

PURGE TIME

7:45 Start 8:20 Stop 35 Elapsed

PURGE RATE

Initial .75 gpm Final .75 gpm

CONTROLLER SETTING

Initial N/A Hz Final N/A Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp ~~(F)~~ C°	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
7:52	3	14.17	7.85	2.12	11.80	264	999	90.07
7:56	6	15.45	7.84	2.10	11.05	258	999	90.12
8:01	9	15.51	7.82	2.08	10.97	250	999	90.14
8:05	12	16.27	7.80	1.99	10.62	249	999	90.17
8:09	15	15.91	7.81	2.02	10.58	242	999	90.18
8:13	18	15.95	7.80	2.01	10.61	241	999	90.17
8:17	21	16.02	7.80	2.04	10.63	240	999	90.19

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : [illegible], sl cloudy, turbid, no odor
Discharge Water Disposal: Vac truck

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)
(Sample Turbidity < 5 NTU)
Bailer Type : Disposable
Sampling Time (80%) Recharge: 8:25
Depth to Water : 89:50

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-606 02.07	4	Amber	✓	8270 19. NDMA 1625	ICED
	1 poly	poly	✓	Sulfate Per Sulfate Ion	ICED
	5 VOAs	VOA VIAL	✓	VOCs	HCL
	3	VOAs	✓	DRO GRO	HCL

F:IBM/FORM/GW SAMPLING FORM.XLS

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-607
Well Type: Monitor Extraction Other:
Date: 7/6/07 **Time:** 12:25

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch (4-inch) 6-inch Other

Total Depth of Casing (TD in feet BTOC) 106.19

Water Level Depth (WL in feet BTOC) : 100.57

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(106.19 - 100.57) X 4 ² X 3 X 0.0408 = 11 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

12 gallons

PURGE TIME

12:27 Start 12:13 Stop 16 Elapsed

PURGE RATE

Initial ~.666 gpm Final 1 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (~~F~~) C.	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
12:30	2	22.90	7.94	2.1	7.94	46	999	101.01
12:33	4	21.73	7.92	2.36	8.05	49	999	101.04
12:35	6	22.31	7.89	2.33	8.25	29	999	101.05
12:37	8	22.05	7.86	2.34	8.35	26	999	101.05
12:40	10	22.03	7.88	2.35	8.32	21	999	101.06
12:42	12	22.07	7.89	2.31	8.33	23	999	101.06

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : sl cloudy, turbid, good recovery, no odor
Discharge Water Disposal: Vac truck

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 100.67

Depth to Water : @ 12:45

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-607-0707	9	Various	✓	Various	HCl/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 54205.001
Recorded by : Matt W

Well Number EW-1
Well Type: Monitor / Extraction Other:
Date: 2/9/07 **Time:** 700

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 112.29

Water Level Depth (WL in feet BTOC) : 98.16

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(112.29 - 98.16) X 4 ² X 3 X 0.0408 = 27.5 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

30 gallons

PURGE TIME

7:05 Start 8:00 Stop 55 Elapsed

PURGE RATE

Initial ~1.0 gpm Final ~1.0 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (~~F~~ C)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
7:25	5	13.48	8.51	1.69	12.15	-237	999	98.27
7:33	10	15.11	8.19	1.82	11.27	272	50.5	98.52
7:38	15	16.21	8.13	1.75	10.93	-272	999	98.33
7:43	20	16.18	8.17	1.76	10.89	-271	999	98.58
7:49	25	16.22	8.11	1.74	10.86	-272	999	98.74
7:57	30	16.25	8.09	1.77	10.82	-273	999	98.94

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : cloudy, turbid, mod odor (H_2S), good recovery

Discharge Water Disposal: Vac Truck - Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 8:05

Depth to Water : 98.31

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
EW-1-020907	10	Various	1	Various	HCL ~~ICE~~

F:IBM/FORM/GW SAMPLING FORM.XLS

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 54205.001
Recorded by : Matt

Well Number W-1
Well Type: Monitor Extraction Other:
Date: 2/8/07 Time: 14:30

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 129.75

Water Level Depth (WL in feet BTOC) : 100.66

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ Type Vac truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(129.75 - 100.66) X 4 ²X 3 X 0.0408 = 56 gallons
TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

60 gallons

PURGE TIME

14:33 Start 14:58 Stop 26 Elapsed

PURGE RATE

Initial 2.5 gpm Final 2.5 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
14:38	10	~~7.68~~ 22.65	7.68	2.64	8.94	-10	999	102.62
14:41	20	22.35	7.62	2.54	9.02	-29	999	102.62
14:44	30	22.05	7.62	2.62	9.15	-64	999	102.62
14:48	45	21.95	7.64	2.53	9.19	-60	999	102.63
14:52	50	21.98	7.62	2.61	9.10	-63	999	102.63
14:56	60	22.01	7.64	2.60	9.15	-65	999	102.63

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : Clear, turbid, good recovery, sl odor (gasoline)
Discharge Water Disposal: Vac Truck — Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 15:00

Depth to Water : 101.17

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
W-1-0207	10	Various	1	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refining
Project Number : 54205.001
Recorded by : Matt W

Well Number MW-3A
Well Type: Monitor Extraction Other:
Date: 2/8/07 **Time:** 11:18

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 110.40

Water Level Depth (WL in feet BTOC) : 100.62

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other (3)

PURGE METHOD

~~Bailer~~: Type Vac truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(110.40 - 100.62) X 4" X 3 X 0.0408 = 20 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

25 gallons

PURGE TIME

1123 Start 12:15 Stop 52 Elapsed

PURGE RATE

Initial 1.5 gpm Final 2.0 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
11:33	5	18.07	7.73	2.94	10.07	166	578	101.79
11:40	10	19.00	7.60	2.99	9.96	-125	125	102.60
11:50	15	19.63	7.61	3.01	9.95	-200	130	102.65
12:00	20	19.61	7.59	3.02	9.90	-195	128	102.69
12:10	25	19.65	7.57	3.00	9.81	-194	125	102.70

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : sl cloudy, sl turbid, sl odor (gasoline), good recovery
Discharge Water Disposal: Vac truck - sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 12:20

Depth to Water : 101.43

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-3A-0207	10	Various	1	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refining
Project Number : 54203.001
Recorded by : Matt Li

Well Number W-4
Well Type: Monitor Extraction Other:
Date: 7/8/07 **Time:** 13:00

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 129.09

Water Level Depth (WL in feet BTOC) : 101.82

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other (3)

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(129.09 - 101.82) X 4 ²X 3 X 0.0408 = 54 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

55 gallons

PURGE TIME

13:05 Start 13:35 Stop 30 Elapsed

PURGE RATE

Initial 2 gpm Final 2 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
13:10	10	20.17	8.05	999	9.77	-27	41.7	111.61
13:15	20	20.21	7.95	2.64	9.24	-38	17.1	113.75
13:20	30	20.36	7.89	2.49	9.16	-34	15.0	114.27
13:25	40	20.22	7.84	2.46	9.21	-15	999	114.50
13:30	50	20.36	7.81	2.42	9.15	-13	999	114.65
13:33	55	20.45	7.79	2.40	9.18	-11	999	114.70

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : Clear, sl odor, turbid, fair recovery
Discharge Water Disposal: Vac Truck - Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 13:40

Depth to Water : 103.71

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
W-4-0107	10	Various	/	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former CENCO Plating
Project Number : 54205.001
Recorded by : Mehur Zein

Well Number W-7
Well Type: Monitor Extraction Other:
Date: 02.09.07 **Time:** 1420

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches) —

2-inch 4-inch 6-inch Other —

Total Depth of Casing (TD in feet BTOC) Not Measured

Water Level Depth (WL in feet BTOC) : 82.98

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other —

PURGE METHOD

Bailer - Type —

Submersible Centrifugal Bladder

Other -Type Not purged, production well

PURGE VOLUME CALCULATION

(-) X X X 0.0408 = gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

gallons

PURGE TIME

Start Stop Elapsed

PURGE RATE

Initial gpm Final gpm

CONTROLLER SETTING

Initial Hz Final Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : NA
Discharge Water Disposal: NA

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 1420

Depth to Water : 82.98 ft bgs.

W-7-0207

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former CENCO Refinery
Project Number : 54205.001
Recorded by : Maher Zein

Well Number W. 8
Well Type: Monitor Extraction Other:
Date: 07.09.07 **Time:** 1530

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches) —

2-inch 4-inch 6-inch Other —

Total Depth of Casing (TD in feet BTOC) Not Measured

Water Level Depth (WL in feet BTOC) : 64.04

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other —

PURGE METHOD

Bailer - Type —

Submersible Centrifugal Bladder

Other -Type Not purged, a production well

PURGE VOLUME CALCULATION

(-) X ²X X 0.0408 = gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

gallons

MZ

PURGE TIME

Start Stop Elapsed

PURGE RATE

Initial gpm Final gpm

CONTROLLER SETTING

Initial Hz Final Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : NA
Discharge Water Disposal: NA

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 1530

Depth to Water : 64.04 ft bgs.

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Conco Refinery
Project Number : 54205.001
Recorded by : Matt W

Well Number W-9
Well Type: Monitor Extraction Other:
Date: 2/6/07 Time: 14:00

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other 2 inch

Total Depth of Casing (TD in feet BTOC) 110.19

Water Level Depth (WL in feet BTOC) : 84.65

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(110.19 - 84.65) X 2 ²X 3 X 0.0408 = 12.50 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

14.0 gallons

PURGE TIME

14:05 Start 14:23 Stop 18 Elapsed

PURGE RATE

Initial ~.66 gpm Final ~.66 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (~~F~~C)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
14:07	2	23.7	7.77	2.02	8.40	-39	999	84.65
14:10	4	23.33	7.78	2.01	8.32	-29	644	
14:13	6	23.22	7.78	2.02	8.32	1	774	
14:16	8	23.51	7.76	2.04	8.30	-55	999	
14:18	10	23.62	7.76	2.05	8.28	-28	999	
14:20	12	23.60	7.79	2.06	8.25	-66	999	
14:22	14	23.58	7.78	2.04	8.27	-59	999	

"well" no measurement

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : sl cloudy, sl odor, turbid, good recovery

Discharge Water Disposal: Vac truck - Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 14:25

Depth to Water : 84.78

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
MW-9-0207	9	Various	✓	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Conco Refining
Project Number : 54205.001
Recorded by : Matt W

Well Number W-10
Well Type: Monitor **Extraction Other:**
Date: 3/9/07 **Time:** 12:20

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 110.33

Water Level Depth (WL in feet BTOC) : 88.16

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(110.3 - 88.16) X 2 ^{2}X 3 X 0.0408 = 11 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

12 gallons

PURGE TIME

12:25 Start 12:58 Stop 33 Elapsed

PURGE RATE

Initial ~.4 gpm Final ~.4 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (~~F~~C)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
12:30	2	20.89	7.63	2.24	9.88	-195	999	88.16
12:35	4	19.87	7.65	2.36	9.37	-191	999	
12:41	6	18.89	7.63	2.29	9.78	-199	999	
12:47	8	19.07	7.60	2.31	9.75	-194	999	
12:53	10	18.89	7.62	2.30	9.82	-189	999	
12:58	12	18.95	7.61	2.29	9.80	-188	999	

water level can't be performed with stinger in

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : cloudy, turbidity of odor, good recovery
Discharge Water Disposal: Vac Truck - sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: W-10-0207 - 13:00 W-10-0207-D 13:10

Depth to Water : 89.75

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
W-10-0207	10	Various	1	Various	HCL/ICED
W-10-0207-D	10	Various	1	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refining
Project Number : 51205.001
Recorded by : Matt W

Well Number W-11
Well Type: Monitor Extraction Other:
Date: 3/9/07 **Time:** 11:31

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 102.83

Water Level Depth (WL in feet BTOC) : 91.24

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ - Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(102.83 - 91.24) X 2 ²X 3 X 0.0408 = 10.6 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

NL gallons

PURGE TIME

11:33 Start 11:50 Stop 17 Elapsed

PURGE RATE

Initial 1.0 gpm Final 1.0 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (~~F~~ C)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
11:36	2	20.53	7.91	1.74	8.88	30	999	91.24
11:38	4	20.50	7.77	1.72	8.67	-35	999	
11:40	6	19.79	7.75	1.73	8.72	-69	596	
11:42	8	19.82	7.77	1.75	8.49	-99	295	
11:44	10	19.77	7.78	1.76	8.53	-95	85.8	
11:46	12	20.05	7.76	1.78	8.56	-97	17.7	

Stringer in well no groundwater levels can be taken

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : cloudy, turbid, sl-mod odor, good recovery

Discharge Water Disposal: Vac Truck - Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 11:55

Depth to Water : 92:21

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
W-11-0207	10	Various	/	Various	HCL/ICED

ARCADIS BBL
Infrastructure, environment, facilities

GROUNDWATER SAMPLING FORM

Site Name : Former Cenco Refinery
Project Number : 54205.001
Recorded by : Matt W

Well Number W-12
Well Type: Monitor Extraction Other:
Date: 2/7/07 **Time:** 8:00

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches)

2-inch 4-inch 6-inch Other

Total Depth of Casing (TD in feet BTOC) 115.80

Water Level Depth (WL in feet BTOC) : 93.93

Number Of Well Volumes to be Purged (# Vols)

4 5 10 Other 3

PURGE METHOD

~~Bailer~~ Type Vac Truck

Submersible Centrifugal Bladder

Other -Type

PURGE VOLUME CALCULATION

(115.80 - 93.93) X 2 ² X 3 X 0.0408 = 11.95 gallons

TD (feet) WL (feet) D(inches) # Vols Calculated Purge Volume

VOLUME GENERATED

12 gallons

PURGE TIME

8:03 Start 8:18 Stop h Elapsed

PURGE RATE

Initial ~1.0 gpm Final 1.0 gpm

CONTROLLER SETTING

Initial / Hz Final / Hz

FIELD PARAMETER MEASUREMENT

Time	Volume (gallons)	Temp (F)	pH	EC (ms/cm or µs/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Water Level
8:06	2	16.97	8.30	0.013	10.22	48	999	93.96
8:08	4	19.09	8.03	1.87	9.21	38	999	
8:10	6	19.83	7.94	2.07	8.86	28	999	
8:12	8	19.62	7.96	2.08	9.00	11	999	
8:14	10	20.02	7.94	2.07	8.97	13	999	
8:16	12	20.09	7.92	2.09	8.98	12	999	

No other water measurement due to 2" well and stinger

Observations During Purging (Turbidity, Color, Odor, Well Condition etc) : cloudy, sl odor, good recovery, turbid
Discharge Water Disposal: Vac Truck - Sump

WELL SAMPLING

SAMPLING METHOD

Sample at 80% (Minimum recharge)

(Sample Turbidity < 5 NTU)

Bailer Type : Disposable

Sampling Time (80%) Recharge: 8:20

Depth to Water : 94.56

Sample No.	Number Containers	Container Type	Lab	Analysis	Preservatives
W-12-0207	10	Various	/	Various	HCL / 1230

NIETO & SONS TRUCKING, INC.

License # 673912
1281 Brea Canyon Road • Brea, CA 92821
Mail Address: P.O. Box 760 • Yorba Linda, CA 92885-0760
(714) 990-6855 • FAX (714) 990-4862

DAILY TICKET
DT 101829
JOB DATE 02 / 06 / 07

Su M (Tu) W Th F Sa

COMPANY SOLD TO	ORDER DATE	ORDER TIME	P.O. NUMBER
BELSHIRE ENVIRONMENTAL SERVICES	/ /		135353

ORDERED BY	JOB SITE	
LARRY/BRIAN	Cenco Oil Refinery	entrance off Lakeland
JOB SITE CONTACT	12345 Lakeland	Look 4 Lakeland Dev.
BBL - Megan (818) 359-0332	Santa Fe Springs	sign on 1st building

DRIVER	HELPER	TRUCK NO.	TRAILER NO.	TRUCK NO.	START TIME
B. RAHMAAN	********** ********** ****	268	******* ****	**********	6:00 am

DESCRIPTION OF WORK REQUESTED

THERE AT: 7:00 am FLUID FROM WELLS ON SITE - OFF LOAD FLUID ON SITE

BRING RESPIRATOR & BE READY TO WEAR - Day 1 of 4 on site

~~HAZ/NON-HAZ~~ XX XXXXXX TO off load on site OFF LOAD ON SITE: XXX ☑ YES ☐ NO (70 BBL) ~~100 BBL~~ XX XXXX

ESTIMATED WELLS: ± _____ WELL TRUCK: XX ☑ YES ☐ NO

EQUIPMENT NEEDED: 30 STINGERS Air Assist Required AIR ASSIST REQUIRED: XX ☑ YES ☐ NO

_____ FEET OF EXTRA HOSE BIO-SLURP: ☐ YES ☐ XX NO

DRIVER'S TIME REPORT

DATE	YARD DEPART	JOB ARRIVE	JOB DEPART	DUMP SITE ARRIVE	DUMP SITE DEPART	YARD ARRIVE	LUNCH	TOTAL HOURS
02/06/07	6AM	7 00 AM	4 15 PM	XX XX XX XX XX XX	XX XX XX XX XX XX		/	

WORK PERFORMED

MANIFEST #: off load on site # OF GALLONS: 110 # OF WELLS: 6 # OF DRUMS: Ø # OF TANKS: Ø

AIR ASSIST LINE INSTALLED TODAY: ☐ YES ☑ NO AIR ASSIST USED: ☑ YES ☐ NO SOLIDS/SILT _____ %

SPECIAL EQUIPMENT USED (HOSES, FITTINGS, STINGERS): _____

STINGERS USED Ø

DRIVER SIGNATURE	TRUCK NUMBER	CUSTOMER SIGNATURE	DATE
Brennan Rahmaan	268	X Matt [signature]	2/6/07

★★★ 24 HOUR SERVICE ★★★ CUSTOMER COPY

NIETO & SONS TRUCKING, INC.

License # 673912
1281 Brea Canyon Road • Brea, CA 92821
Mail Address: P.O. Box 760 • Yorba Linda, CA 92885-0760
(714) 990-6855 • FAX (714) 990-4862

DAILY TICKET
DT 101830
JOB DATE 02 / 07 / 07

Su M Tu (W) Th F Sa

COMPANY SOLD TO	ORDER DATE	ORDER TIME	P.O. NUMBER
BELSHIRE ENVIRONMENTAL SERVICES	/ /		135353

ORDERED BY	JOB SITE	
LARRY/BRIAN	Cenco Oil Refinery	entrance off Lakeland
JOB SITE CONTACT: BBL - Megan (818) 359-0332	12345 Lakeland	Look 4 Lakeland Dev.
	Santa Fe Springs	sign on 1st building

DRIVER	HELPER	TRUCK NO.	TRAILER NO.	TRUCK NO.	START TIME
B. RAHMAAN	**********	268	*******	**********	6:00 am

DESCRIPTION OF WORK REQUESTED

THERE AT: 7:00 am FLUID FROM WELLS ON SITE - OFF LOAD FLUID ON SITE

BRING RESPIRATOR & BE READY TO WEAR - Day 2 of 4 on site

XXXXXXXX HAZ/NON-HAZ TO off load on site OFF LOAD ON SITE: XXX ☐ YES ☐ NO (70 BBL) / 100 BBL XX XXXX

ESTIMATED WELLS: ± _____ WELL TRUCK: XX ☐ YES ☐ NO

EQUIPMENT NEEDED: 30 STINGERS Air Assist Required AIR ASSIST REQUIRED: XX ☐ YES ☐ NO

_____ FEET OF EXTRA HOSE BIO-SLURP: ☐ YES XX ☐ NO

DRIVER'S TIME REPORT

DATE	YARD DEPART	JOB ARRIVE	JOB DEPART	DUMP SITE ARRIVE	DUMP SITE DEPART	YARD ARRIVE	LUNCH	TOTAL HOURS
02/07/07	6AM	7:00 AM	4:15 PM	XXXXXXXX	XXXXXXX		/	

WORK PERFORMED

MANIFEST #: off load on site # OF GALLONS: 100 # OF WELLS: 6 # OF DRUMS: 0 # OF TANKS: 0

AIR ASSIST LINE INSTALLED TODAY: ☑ YES ☐ NO AIR ASSIST USED: ☑ YES ☐ NO SOLIDS/SILT _____ %

SPECIAL EQUIPMENT USED (HOSES, FITTINGS, STINGERS): _____

STINGERS USED 10

DRIVER SIGNATURE	TRUCK NUMBER	CUSTOMER SIGNATURE	DATE
Brennan Rahmaan	268	X [signature]	2/7/07

★★★ 24 HOUR SERVICE ★★★ CUSTOMER COPY

NIETO & SONS TRUCKING, INC.

License # 673912
1281 Brea Canyon Road • Brea, CA 92821
Mail Address: P.O. Box 760 • Yorba Linda, CA 92885-0760
(714) 990-6855 • FAX (714) 990-4862

DAILY TICKET
DT 101831
JOB DATE 02 / 08 / 07

Su M Tu W (Th) F Sa

COMPANY SOLD TO	ORDER DATE	ORDER TIME	P.O. NUMBER
BELSHIRE ENVIRONMENTAL SERVICES	/ /		135353

ORDERED BY: LARRY/BRIAN

JOB SITE CONTACT: BBL - Megan (818) 359-0332

JOB SITE: Cenco Oil Refinery entrance off Lakeland
12345 Lakeland Look 4 Lakeland Dev.
Santa Fe Springs sign on 1st building

DRIVER	HELPER	TRUCK NO.	TRAILER NO.	TRUCK NO.	START TIME
B. RAHMAAN	**********	268	**********	**********	6:00 am

DESCRIPTION OF WORK REQUESTED

THERE AT: 7:00 am FLUID FROM WELLS ON SITE - OFF LOAD FLUID ON SITE

BRING RESPIRATOR & BE READY TO WEAR - Day 3 of 4 on site

~~HAZ/NON HAZ TO~~ off load on site OFF LOAD ON SITE: ☐ YES ☐ NO 70 BBL ~~100 BBL~~

ESTIMATED WELLS: ± _____ WELL TRUCK: ☐ YES ☐ NO

EQUIPMENT NEEDED: 30 STINGERS Air Assist Required AIR ASSIST REQUIRED: ☐ YES ☐ NO

_____ FEET OF EXTRA HOSE BIO-SLURP: ☐ YES ☐ NO

DRIVER'S TIME REPORT

DATE	YARD DEPART	JOB ARRIVE	JOB DEPART	DUMP SITE ARRIVE	DUMP SITE DEPART	YARD ARRIVE	LUNCH	TOTAL HOURS
02/08/07	6 30 AM	7 00 AM	3 30 PM					

WORK PERFORMED

MANIFEST #: off load on site # OF GALLONS: 275 # OF WELLS: 6 # OF DRUMS: Ø # OF TANKS: Ø

AIR ASSIST LINE INSTALLED TODAY: ☐ YES ☑ NO AIR ASSIST USED: ☑ YES ☐ NO SOLIDS/SILT _____%

SPECIAL EQUIPMENT USED (HOSES, FITTINGS, STINGERS): _____

STINGERS USED Ø

DRIVER SIGNATURE	TRUCK NUMBER	CUSTOMER SIGNATURE	DATE
Brennan Rahmaan	268	X [signature]	2/8/07

★★★ **24 HOUR SERVICE** ★★★ CUSTOMER COPY

NIETO & SONS TRUCKING, INC.

License # 673912
1281 Brea Canyon Road • Brea, CA 92821
Mail Address: P.O. Box 760 • Yorba Linda, CA 92885-0760
(714) 990-6855 • FAX (714) 990-4862

DAILY TICKET
DT 101832
JOB DATE 02 / 09 / 07

Su M Tu W Th (F) Sa

COMPANY SOLD TO	ORDER DATE	ORDER TIME	P.O. NUMBER
BELSHIRE ENVIRONMENTAL SERVICES	/ /		135353

ORDERED BY	JOB SITE	
LARRY/BRIAN	Cenco Oil Refinery	entrance off Lakeland
JOB SITE CONTACT	12345 Lakeland	Look 4 Lakeland Dev.
BBL - Megan (818) 359-0332	Santa Fe Springs	sign on 1st building

DRIVER	HELPER	TRUCK NO.	TRAILER NO.	TRUCK NO.	START TIME
B. RAHMAAN	********** ********** ****	268	******* ****	**********	6:00 am

DESCRIPTION OF WORK REQUESTED

THERE AT: 7:00 am FLUID FROM WELLS ON SITE - OFF LOAD FLUID ON SITE

BRING RESPIRATOR & BE READY TO WEAR - Day 4 of 4 on site

~~HAZ/NON-HAZ~~ XX XXXXX TO off load on site OFF LOAD ON SITE: XXX ☑ YES ☐ NO (70 BBL) ~~100 BBL~~ XX XXXX

ESTIMATED WELLS: ± _____ WELL TRUCK: XX ☑ YES ☐ NO

EQUIPMENT NEEDED: 30 STINGERS Air Assist Required AIR ASSIST REQUIRED: XX ☑ YES ☐ NO

_____ FEET OF EXTRA HOSE BIO-SLURP: ☐ YES ☐ XX NO

DRIVER'S TIME REPORT

DATE	YARD DEPART	JOB ARRIVE	JOB DEPART	DUMP SITE ARRIVE	DUMP SITE DEPART	YARD ARRIVE	LUNCH	TOTAL HOURS
02/09/07	6:00 AM	7:00 AM	2:00 PM	XX XX XX XX XX XX XX	XX XX XX XX XX XX XX			

WORK PERFORMED

MANIFEST #: off load on site # OF GALLONS: 200 # OF WELLS: 5 # OF DRUMS: Ø # OF TANKS: Ø

AIR ASSIST LINE INSTALLED TODAY: ☐ YES ☑ NO AIR ASSIST USED: ☑ YES ☐ NO SOLIDS/SILT _____ %

SPECIAL EQUIPMENT USED (HOSES, FITTINGS, STINGERS): _____

STINGERS USED Ø

DRIVER SIGNATURE	TRUCK NUMBER	CUSTOMER SIGNATURE	DATE
Brennan Rahman	268	X [signature]	2/9/07

★★★ 24 HOUR SERVICE ★★★ CUSTOMER COPY

ARCADIS BBL

Appendix C

Laboratory Analytical Data

TestAmerica
ANALYTICAL TESTING CORPORATION

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

LABORATORY REPORT

Prepared For: Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project: Former Cenco Refinery - 2006
54205.001

Sampled: 02/06/07
Received: 02/06/07
Issued: 02/15/07 16:18

NELAP #01108CA California ELAP#1197 CSDLAC #10256

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

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IQB0473-01	MW-606-0207	Water
IQB0473-02	MW-605-0207	Water
IQB0473-03	MW-605-0207-D	Water
IQB0473-04	MW-603-0207	Water
IQB0473-05	MW-607-0207	Water
IQB0473-06	MW-9-0207	Water
IQB0473-07	TB020607	Water

Reviewed By:

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-01 (MW-606-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14057	50	ND	1	2/14/2007	2/14/2007	
Surrogate: 4-BFB (FID) (65-140%)				*111 %*				
Sample ID: IQB0473-02 (MW-605-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14057	50	ND	1	2/14/2007	2/14/2007	
Surrogate: 4-BFB (FID) (65-140%)				*94 %*				
Sample ID: IQB0473-03 (MW-605-0207-D - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	50	ND	1	2/14/2007	2/14/2007	
Surrogate: 4-BFB (FID) (65-140%)				*110 %*				
Sample ID: IQB0473-04 (MW-603-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	50	**120**	1	2/14/2007	2/14/2007	
Surrogate: 4-BFB (FID) (65-140%)				*126 %*				
Sample ID: IQB0473-05 (MW-607-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	250	**590**	5	2/14/2007	2/14/2007	
Surrogate: 4-BFB (FID) (65-140%)				*90 %*				
Sample ID: IQB0473-06 (MW-9-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	50	**67**	1	2/14/2007	2/14/2007	
Surrogate: 4-BFB (FID) (65-140%)				*140 %*				
Sample ID: IQB0473-07 (TB020607 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	50	ND	1	2/14/2007	2/14/2007	
Surrogate: 4-BFB (FID) (65-140%)				*101 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-01 (MW-606-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromochloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromodichloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromoform	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromomethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
n-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
sec-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	M1
tert-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Carbon tetrachloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chloroform	EPA 8260B	7B08019	2.0	**2.6**	1	2/8/2007	2/8/2007	
Chloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
2-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
4-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Dibromochloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dibromomethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,4-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dichlorodifluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
2,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Ethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Hexachlorobutadiene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Isopropylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	L, M1
p-Isopropyltoluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Methylene chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Naphthalene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-01 (MW-606-0207 - Water) - cont.				**Sampled: 02/06/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Styrene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	C, L, M7
Tetrachloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Toluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,1-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,2-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichlorofluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichloropropane	EPA 8260B	7B08019	10	ND	1	2/8/2007	2/8/2007	C, M7
1,2,4-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Vinyl chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
o-Xylene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
m,p-Xylenes	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Xylenes, Total	EPA 8260B	7B08019	4.0	ND	1	2/8/2007	2/8/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butanol (TBA)	EPA 8260B	7B08019	50	ND	1	2/8/2007	2/8/2007	
Surrogate: Dibromofluoromethane (80-120%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*84 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-02 (MW-605-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromochloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromodichloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromoform	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromomethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
n-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
sec-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Carbon tetrachloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chloroform	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
2-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
4-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Dibromochloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dibromomethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,4-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dichlorodifluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
2,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Ethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Hexachlorobutadiene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Isopropylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	L
p-Isopropyltoluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Methylene chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Naphthalene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-02 (MW-605-0207 - Water) - cont.				**Sampled: 02/06/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Styrene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	C, L
Tetrachloroethene	EPA 8260B	7B08019	2.0	**35**	1	2/8/2007	2/8/2007	
Toluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,1-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,2-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichloroethene	EPA 8260B	7B08019	2.0	**35**	1	2/8/2007	2/8/2007	
Trichlorofluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichloropropane	EPA 8260B	7B08019	10	ND	1	2/8/2007	2/8/2007	C
1,2,4-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Vinyl chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
o-Xylene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
m,p-Xylenes	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Xylenes, Total	EPA 8260B	7B08019	4.0	ND	1	2/8/2007	2/8/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butanol (TBA)	EPA 8260B	7B08019	50	ND	1	2/8/2007	2/8/2007	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*85 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-03 (MW-605-0207-D - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromochloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromodichloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromoform	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromomethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
n-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
sec-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Carbon tetrachloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chloroform	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
2-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
4-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Dibromochloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dibromomethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,4-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dichlorodifluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
2,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Ethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Hexachlorobutadiene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Isopropylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	L
p-Isopropyltoluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Methylene chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Naphthalene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-03 (MW-605-0207-D - Water) - cont.				**Sampled: 02/06/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Styrene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	C, L
Tetrachloroethene	EPA 8260B	7B08019	2.0	**38**	1	2/8/2007	2/8/2007	
Toluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,1-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,2-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichloroethene	EPA 8260B	7B08019	2.0	**34**	1	2/8/2007	2/8/2007	
Trichlorofluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichloropropane	EPA 8260B	7B08019	10	ND	1	2/8/2007	2/8/2007	C
1,2,4-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Vinyl chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
o-Xylene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
m,p-Xylenes	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Xylenes, Total	EPA 8260B	7B08019	4.0	ND	1	2/8/2007	2/8/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butanol (TBA)	EPA 8260B	7B08019	50	ND	1	2/8/2007	2/8/2007	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*86 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-04 (MW-603-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromochloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromodichloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromoform	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromomethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
n-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
sec-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Carbon tetrachloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chloroform	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
2-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
4-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Dibromochloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dibromomethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,4-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dichlorodifluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethane	EPA 8260B	7B08019	2.0	**6.0**	1	2/8/2007	2/8/2007	
1,2-Dichloroethane	EPA 8260B	7B08019	2.0	**17**	1	2/8/2007	2/8/2007	
1,1-Dichloroethene	EPA 8260B	7B08019	5.0	**89**	1	2/8/2007	2/8/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	**19**	1	2/8/2007	2/8/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	**2.7**	1	2/8/2007	2/8/2007	
1,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
2,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Ethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Hexachlorobutadiene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Isopropylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	L
p-Isopropyltoluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Methylene chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Naphthalene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-04 (MW-603-0207 - Water) - cont.				**Sampled: 02/06/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Styrene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	C, L
Tetrachloroethene	EPA 8260B	7B08019	2.0	**140**	1	2/8/2007	2/8/2007	
Toluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,1-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,2-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichloroethene	EPA 8260B	7B08019	2.0	**92**	1	2/8/2007	2/8/2007	
Trichlorofluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichloropropane	EPA 8260B	7B08019	10	ND	1	2/8/2007	2/8/2007	C
1,2,4-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Vinyl chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
o-Xylene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
m,p-Xylenes	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Xylenes, Total	EPA 8260B	7B08019	4.0	ND	1	2/8/2007	2/8/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butanol (TBA)	EPA 8260B	7B08019	50	ND	1	2/8/2007	2/8/2007	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*85 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-05 (MW-607-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromochloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromodichloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromoform	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromomethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
n-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
sec-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Carbon tetrachloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chloroform	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
2-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
4-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Dibromochloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dibromomethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,4-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dichlorodifluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
2,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Ethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Hexachlorobutadiene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
p-Isopropyltoluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Methylene chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Naphthalene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
n-Propylbenzene	EPA 8260B	7B08019	2.0	**13**	1	2/8/2007	2/8/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-05 (MW-607-0207 - Water) - cont.				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Styrene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	C, L
Tetrachloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Toluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,1-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,2-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichlorofluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichloropropane	EPA 8260B	7B08019	10	ND	1	2/8/2007	2/8/2007	C
1,2,4-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Vinyl chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
o-Xylene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
m,p-Xylenes	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Xylenes, Total	EPA 8260B	7B08019	4.0	ND	1	2/8/2007	2/8/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butanol (TBA)	EPA 8260B	7B08019	50	**130**	1	2/8/2007	2/8/2007	
Surrogate: Dibromofluoromethane (80-120%)				*110 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-05RE1 (MW-607-0207 - Water) - cont.				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B09006	2.0	**6.8**	1	2/9/2007	2/9/2007	
Surrogate: Dibromofluoromethane (80-120%)				*111 %*				
Surrogate: Toluene-d8 (80-120%)				*95 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-06 (MW-9-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromochloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromodichloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromoform	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromomethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
n-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
sec-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Carbon tetrachloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chloroform	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
2-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
4-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Dibromochloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dibromomethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,4-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dichlorodifluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
2,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Ethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Hexachlorobutadiene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Isopropylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	L
p-Isopropyltoluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Methylene chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Naphthalene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-06 (MW-9-0207 - Water) - cont.				**Sampled: 02/06/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Styrene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	C, L
Tetrachloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Toluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,1-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,2-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichlorofluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichloropropane	EPA 8260B	7B08019	10	ND	1	2/8/2007	2/8/2007	C
1,2,4-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Vinyl chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
o-Xylene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
m,p-Xylenes	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Xylenes, Total	EPA 8260B	7B08019	4.0	ND	1	2/8/2007	2/8/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butanol (TBA)	EPA 8260B	7B08019	50	ND	1	2/8/2007	2/8/2007	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*88 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-07 (TB020607 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromochloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromodichloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Bromoform	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Bromomethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
n-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
sec-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butylbenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Carbon tetrachloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Chloroform	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Chloromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
2-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
4-Chlorotoluene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Dibromochloromethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dibromomethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,4-Dichlorobenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Dichlorodifluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloroethene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
2,2-Dichloropropane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Ethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Hexachlorobutadiene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Isopropylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	L
p-Isopropyltoluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Methylene chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Naphthalene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-07 (TB020607 - Water) - cont.				**Sampled: 02/06/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Styrene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	C, L
Tetrachloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Toluene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,1,1-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,1,2-Trichloroethane	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichloroethene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Trichlorofluoromethane	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
1,2,3-Trichloropropane	EPA 8260B	7B08019	10	ND	1	2/8/2007	2/8/2007	C
1,2,4-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Vinyl chloride	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
o-Xylene	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
m,p-Xylenes	EPA 8260B	7B08019	2.0	ND	1	2/8/2007	2/8/2007	
Xylenes, Total	EPA 8260B	7B08019	4.0	ND	1	2/8/2007	2/8/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B08019	5.0	ND	1	2/8/2007	2/8/2007	
tert-Butanol (TBA)	EPA 8260B	7B08019	50	ND	1	2/8/2007	2/8/2007	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*82 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-01 (MW-606-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B07123	0.48	ND	0.952	2/7/2007	2/9/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*61 %*				
Sample ID: IQB0473-02 (MW-605-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B07123	0.47	**1.5**	0.948	2/7/2007	2/9/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*61 %*				
Sample ID: IQB0473-03 (MW-605-0207-D - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B07123	0.49	**1.6**	0.98	2/7/2007	2/9/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*62 %*				
Sample ID: IQB0473-04 (MW-603-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B07123	0.48	**5.8**	0.957	2/7/2007	2/9/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*60 %*				
Sample ID: IQB0473-05 (MW-607-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B07123	0.47	**2.8**	0.943	2/7/2007	2/9/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*65 %*				
Sample ID: IQB0473-06 (MW-9-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B07123	0.48	**0.72**	0.952	2/7/2007	2/9/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*70 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-01 (MW-606-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B07123	0.0019	ND	0.952	2/7/2007	2/9/2007	L
Sample ID: IQB0473-02 (MW-605-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B07123	0.0019	ND	0.948	2/7/2007	2/9/2007	L
Sample ID: IQB0473-03 (MW-605-0207-D - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B07123	0.0020	ND	0.98	2/7/2007	2/9/2007	L
Sample ID: IQB0473-04 (MW-603-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B07123	0.0019	ND	0.957	2/7/2007	2/9/2007	L
Sample ID: IQB0473-05 (MW-607-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B07123	0.0019	ND	0.943	2/7/2007	2/9/2007	I, L
Sample ID: IQB0473-06 (MW-9-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B07123	0.0019	ND	0.952	2/7/2007	2/9/2007	L

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

DISSOLVED GASES BY HEADSPACE EQUILIBRIUM (RSK-175 MOD.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-01 (MW-606-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: mg/l								
Methane	RSK-175 MOD.	7B14048	0.050	ND	1	2/14/2007	2/14/2007	
Sample ID: IQB0473-02 (MW-605-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: mg/l								
Methane	RSK-175 MOD.	7B14048	0.050	ND	1	2/14/2007	2/14/2007	
Sample ID: IQB0473-03 (MW-605-0207-D - Water)				**Sampled: 02/06/07**				
Reporting Units: mg/l								
Methane	RSK-175 MOD.	7B14048	0.050	ND	1	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-01 (MW-606-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: mg/l								
Alkalinity as CaCO3	SM2320B	7B13079	2.0	**370**	1	2/13/2007	2/13/2007	
Ferrous Iron	SM 3500-Fe D	7B07081	0.10	ND	1	2/7/2007	2/7/2007	
Chromium VI	EPA 7199	7B06071	0.0020	**0.0039**	1	2/6/2007	2/6/2007	
Nitrate-N	EPA 300.0	7B06041	2.2	**9.3**	20	2/6/2007	2/7/2007	
Sulfate	EPA 300.0	7B06041	10	**300**	20	2/6/2007	2/7/2007	
Sample ID: IQB0473-01 (MW-606-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B14070	4.0	ND	1	2/14/2007	2/14/2007	
Sample ID: IQB0473-02 (MW-605-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: mg/l								
Alkalinity as CaCO3	SM2320B	7B13079	2.0	**470**	1	2/13/2007	2/13/2007	
Ferrous Iron	SM 3500-Fe D	7B07081	0.10	ND	1	2/7/2007	2/7/2007	
Chromium VI	EPA 7199	7B06071	0.0020	ND	1	2/6/2007	2/6/2007	
Nitrate-N	EPA 300.0	7B06041	0.11	**6.5**	1	2/6/2007	2/6/2007	
Sulfate	EPA 300.0	7B06041	10	**210**	20	2/6/2007	2/7/2007	
Sample ID: IQB0473-02 (MW-605-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B14070	4.0	ND	1	2/14/2007	2/14/2007	
Sample ID: IQB0473-03 (MW-605-0207-D - Water)				**Sampled: 02/06/07**				
Reporting Units: mg/l								
Alkalinity as CaCO3	SM2320B	7B13079	2.0	**480**	1	2/13/2007	2/13/2007	
Ferrous Iron	SM 3500-Fe D	7B07081	0.10	ND	1	2/7/2007	2/7/2007	
Chromium VI	EPA 7199	7B06071	0.0020	ND	1	2/6/2007	2/6/2007	
Nitrate-N	EPA 300.0	7B06041	0.11	**6.5**	1	2/6/2007	2/6/2007	
Sulfate	EPA 300.0	7B06041	10	**210**	20	2/6/2007	2/7/2007	
Sample ID: IQB0473-03 (MW-605-0207-D - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B14070	4.0	**4.3**	1	2/14/2007	2/14/2007	
Sample ID: IQB0473-04 (MW-603-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B06071	0.0020	ND	1	2/6/2007	2/6/2007	
Nitrate-N	EPA 300.0	7B06041	0.11	**0.60**	1	2/6/2007	2/6/2007	
Sulfate	EPA 300.0	7B06041	10	**310**	20	2/6/2007	2/7/2007	
Sample ID: IQB0473-04 (MW-603-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B14070	4.0	ND	1	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0473-05 (MW-607-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B06071	0.0020	ND	1	2/6/2007	2/6/2007	
Nitrate-N	EPA 300.0	7B06041	0.11	ND	1	2/6/2007	2/6/2007	
Sulfate	EPA 300.0	7B06041	0.50	7.7	1	2/6/2007	2/6/2007	
Sample ID: IQB0473-05 (MW-607-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B14070	4.0	ND	1	2/14/2007	2/14/2007	
Sample ID: IQB0473-06 (MW-9-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B06071	0.0020	ND	1	2/6/2007	2/6/2007	
Nitrate-N	EPA 300.0	7B06041	0.11	ND	1	2/6/2007	2/6/2007	
Sulfate	EPA 300.0	7B06041	0.50	**31**	1	2/6/2007	2/6/2007	
Sample ID: IQB0473-06 (MW-9-0207 - Water)				**Sampled: 02/06/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B14070	4.0	ND	1	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: MW-606-0207 (IQB0473-01) - Water					
EPA 300.0	2	02/06/2007 08:25	02/06/2007 17:35	02/06/2007 20:00	02/07/2007 02:16
EPA 7199	1	02/06/2007 08:25	02/06/2007 17:35	02/06/2007 20:34	02/06/2007 21:18
SM 3500-Fe D	1	02/06/2007 08:25	02/06/2007 17:35	02/07/2007 10:00	02/07/2007 10:00
Sample ID: MW-605-0207 (IQB0473-02) - Water					
EPA 300.0	2	02/06/2007 10:20	02/06/2007 17:35	02/06/2007 20:00	02/06/2007 20:21
EPA 7199	1	02/06/2007 10:20	02/06/2007 17:35	02/06/2007 20:34	02/06/2007 21:29
SM 3500-Fe D	1	02/06/2007 10:20	02/06/2007 17:35	02/07/2007 10:00	02/07/2007 10:00
Sample ID: MW-605-0207-D (IQB0473-03) - Water					
EPA 300.0	2	02/06/2007 10:25	02/06/2007 17:35	02/06/2007 20:00	02/06/2007 20:34
EPA 7199	1	02/06/2007 10:25	02/06/2007 17:35	02/06/2007 20:34	02/06/2007 21:39
SM 3500-Fe D	1	02/06/2007 10:25	02/06/2007 17:35	02/07/2007 10:00	02/07/2007 10:00
Sample ID: MW-603-0207 (IQB0473-04) - Water					
EPA 300.0	2	02/06/2007 11:30	02/06/2007 17:35	02/06/2007 20:00	02/06/2007 20:47
EPA 7199	1	02/06/2007 11:30	02/06/2007 17:35	02/06/2007 20:34	02/06/2007 22:12
Sample ID: MW-607-0207 (IQB0473-05) - Water					
EPA 300.0	2	02/06/2007 12:45	02/06/2007 17:35	02/06/2007 20:00	02/06/2007 21:01
EPA 7199	1	02/06/2007 12:45	02/06/2007 17:35	02/06/2007 20:34	02/06/2007 22:23
Sample ID: MW-9-0207 (IQB0473-06) - Water					
EPA 300.0	2	02/06/2007 14:25	02/06/2007 17:35	02/06/2007 20:00	02/06/2007 21:14
EPA 7199	1	02/06/2007 14:25	02/06/2007 17:35	02/06/2007 20:34	02/06/2007 22:34

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14057 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14057-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*11.1*		*ug/l*	*10.0*		*111*	*65-140*			
LCS Analyzed: 02/14/2007 (7B14057-BS1)										
GRO (C4 - C12)	748	50	ug/l	800		94	85-115			
Surrogate 4-BFB (FID)	*12.0*		*ug/l*	*10.0*		*120*	*65-140*			
Matrix Spike Analyzed: 02/14/2007 (7B14057-MS1)					**Source: IQB0312-01**					
GRO (C4 - C12)	281	50	ug/l	220	ND	128	65-140			
Surrogate 4-BFB (FID)	*13.3*		*ug/l*	*10.0*		*133*	*65-140*			
Matrix Spike Dup Analyzed: 02/14/2007 (7B14057-MSD1)					**Source: IQB0312-01**					
GRO (C4 - C12)	257	50	ug/l	220	ND	117	65-140	9	20	
Surrogate 4-BFB (FID)	*12.4*		*ug/l*	*10.0*		*124*	*65-140*			
Batch: 7B14136 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14136-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*10.5*		*ug/l*	*10.0*		*105*	*65-140*			
LCS Analyzed: 02/14/2007 (7B14136-BS1)										
GRO (C4 - C12)	779	50	ug/l	800		97	85-115			
Surrogate 4-BFB (FID)	*12.7*		*ug/l*	*10.0*		*127*	*65-140*			
Matrix Spike Analyzed: 02/14/2007 (7B14136-MS1)					**Source: IQB0761-01**					
GRO (C4 - C12)	209	50	ug/l	220	ND	95	65-140			
Surrogate 4-BFB (FID)	*12.0*		*ug/l*	*10.0*		*120*	*65-140*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14136 Extracted: 02/14/07										
Matrix Spike Dup Analyzed: 02/14/2007 (7B14136-MSD1)					**Source: IQB0761-01**					
GRO (C4 - C12)	245	50	ug/l	220	ND	111	65-140	16	20	
Surrogate 4-BFB (FID)	*13.9*		*ug/l*	*10.0*		*139*	*65-140*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B08019 Extracted: 02/08/07										
Blank Analyzed: 02/08/2007 (7B08019-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B08019 Extracted: 02/08/07										
Blank Analyzed: 02/08/2007 (7B08019-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate Toluene-d8	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate 4-Bromofluorobenzene	*20.9*		*ug/l*	*25.0*		*84*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B08019 Extracted: 02/08/07										
LCS Analyzed: 02/08/2007 (7B08019-BS1)										
Benzene	25.1	2.0	ug/l	25.0		100	70-120			
Bromobenzene	27.2	5.0	ug/l	25.0		109	75-120			
Bromochloromethane	25.6	5.0	ug/l	25.0		102	70-130			
Bromodichloromethane	25.7	2.0	ug/l	25.0		103	70-135			
Bromoform	23.7	5.0	ug/l	25.0		95	55-130			
Bromomethane	28.2	5.0	ug/l	25.0		113	65-140			
n-Butylbenzene	27.7	5.0	ug/l	25.0		111	70-130			
sec-Butylbenzene	29.7	5.0	ug/l	25.0		119	70-125			
tert-Butylbenzene	29.8	5.0	ug/l	25.0		119	70-125			
Carbon tetrachloride	23.7	5.0	ug/l	25.0		95	65-140			
Chlorobenzene	25.6	2.0	ug/l	25.0		102	75-120			
Chloroethane	30.7	5.0	ug/l	25.0		123	60-140			
Chloroform	26.5	2.0	ug/l	25.0		106	70-130			
Chloromethane	31.7	5.0	ug/l	25.0		127	50-140			
2-Chlorotoluene	30.2	5.0	ug/l	25.0		121	70-125			
4-Chlorotoluene	28.6	5.0	ug/l	25.0		114	75-125			
Dibromochloromethane	26.0	2.0	ug/l	25.0		104	70-140			
1,2-Dibromo-3-chloropropane	27.7	5.0	ug/l	25.0		111	50-135			
1,2-Dibromoethane (EDB)	24.3	2.0	ug/l	25.0		97	75-125			
Dibromomethane	23.6	2.0	ug/l	25.0		94	70-125			
1,2-Dichlorobenzene	28.0	2.0	ug/l	25.0		112	75-120			
1,3-Dichlorobenzene	26.6	2.0	ug/l	25.0		106	75-120			
1,4-Dichlorobenzene	26.2	2.0	ug/l	25.0		105	75-120			
Dichlorodifluoromethane	32.5	5.0	ug/l	25.0		130	35-155			
1,1-Dichloroethane	27.4	2.0	ug/l	25.0		110	70-125			
1,2-Dichloroethane	24.9	2.0	ug/l	25.0		100	60-140			
1,1-Dichloroethene	24.7	5.0	ug/l	25.0		99	70-125			
cis-1,2-Dichloroethene	27.1	2.0	ug/l	25.0		108	70-125			
trans-1,2-Dichloroethene	26.6	2.0	ug/l	25.0		106	70-125			
1,2-Dichloropropane	28.0	2.0	ug/l	25.0		112	70-125			
1,3-Dichloropropane	26.0	2.0	ug/l	25.0		104	70-120			
2,2-Dichloropropane	26.3	2.0	ug/l	25.0		105	65-140			
1,1-Dichloropropene	26.1	2.0	ug/l	25.0		104	75-130			
cis-1,3-Dichloropropene	22.1	2.0	ug/l	25.0		88	75-125			
trans-1,3-Dichloropropene	20.6	2.0	ug/l	25.0		82	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B08019 Extracted: 02/08/07										
LCS Analyzed: 02/08/2007 (7B08019-BS1)										
Ethylbenzene	26.9	2.0	ug/l	25.0		108	75-125			
Hexachlorobutadiene	26.6	5.0	ug/l	25.0		106	65-135			
Isopropylbenzene	35.0	2.0	ug/l	25.0		140	75-130			*L*
p-Isopropyltoluene	29.0	2.0	ug/l	25.0		116	75-125			
Methylene chloride	26.1	5.0	ug/l	25.0		104	55-130			
Naphthalene	25.0	5.0	ug/l	25.0		100	55-135			
n-Propylbenzene	30.5	2.0	ug/l	25.0		122	75-130			
Styrene	24.7	2.0	ug/l	25.0		99	75-130			
1,1,1,2-Tetrachloroethane	26.3	5.0	ug/l	25.0		105	70-130			
1,1,2,2-Tetrachloroethane	34.8	2.0	ug/l	25.0		139	55-130			*L*
Tetrachloroethene	24.6	2.0	ug/l	25.0		98	70-125			
Toluene	25.2	2.0	ug/l	25.0		101	70-120			
1,2,3-Trichlorobenzene	24.9	5.0	ug/l	25.0		100	65-125			
1,2,4-Trichlorobenzene	23.8	5.0	ug/l	25.0		95	70-135			
1,1,1-Trichloroethane	25.6	2.0	ug/l	25.0		102	65-135			
1,1,2-Trichloroethane	26.2	2.0	ug/l	25.0		105	70-125			
Trichloroethene	24.7	2.0	ug/l	25.0		99	70-125			
Trichlorofluoromethane	28.6	5.0	ug/l	25.0		114	65-145			
1,2,3-Trichloropropane	31.6	10	ug/l	25.0		126	60-130			
1,2,4-Trimethylbenzene	29.4	2.0	ug/l	25.0		118	75-125			
1,3,5-Trimethylbenzene	30.5	2.0	ug/l	25.0		122	75-125			
Vinyl chloride	29.8	5.0	ug/l	25.0		119	55-135			
o-Xylene	26.5	2.0	ug/l	25.0		106	75-125			
m,p-Xylenes	54.1	2.0	ug/l	50.0		108	75-125			
Xylenes, Total	80.6	4.0	ug/l	75.0		107	70-125			
Di-isopropyl Ether (DIPE)	28.1	5.0	ug/l	25.0		112	60-135			
Ethyl tert-Butyl Ether (ETBE)	26.0	5.0	ug/l	25.0		104	65-135			
tert-Amyl Methyl Ether (TAME)	26.5	5.0	ug/l	25.0		106	60-135			
Methyl-tert-butyl Ether (MTBE)	25.9	5.0	ug/l	25.0		104	60-135			
tert-Butanol (TBA)	126	50	ug/l	125		101	70-135			
Surrogate Dibromofluoromethane	*26.9*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate Toluene-d8	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate 4-Bromofluorobenzene	*23.1*		*ug/l*	*25.0*		*92*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B08019 Extracted: 02/08/07										
Matrix Spike Analyzed: 02/08/2007 (7B08019-MS1)					**Source: IQB0473-01**					
Benzene	26.1	2.0	ug/l	25.0	0.30	103	65-125			
Bromobenzene	27.4	5.0	ug/l	25.0	ND	110	70-125			
Bromochloromethane	25.4	5.0	ug/l	25.0	ND	102	65-135			
Bromodichloromethane	27.1	2.0	ug/l	25.0	ND	108	70-135			
Bromoform	24.4	5.0	ug/l	25.0	ND	98	55-135			
Bromomethane	27.3	5.0	ug/l	25.0	ND	109	55-145			
n-Butylbenzene	28.7	5.0	ug/l	25.0	ND	115	65-135			
sec-Butylbenzene	29.5	5.0	ug/l	25.0	ND	118	70-125			
tert-Butylbenzene	30.3	5.0	ug/l	25.0	ND	121	65-130			
Carbon tetrachloride	24.4	5.0	ug/l	25.0	ND	98	65-140			
Chlorobenzene	25.5	2.0	ug/l	25.0	ND	102	75-125			
Chloroethane	30.2	5.0	ug/l	25.0	ND	121	55-140			
Chloroform	29.4	2.0	ug/l	25.0	2.6	107	65-135			
Chloromethane	28.9	5.0	ug/l	25.0	ND	116	45-145			
2-Chlorotoluene	30.7	5.0	ug/l	25.0	ND	123	65-135			
4-Chlorotoluene	29.2	5.0	ug/l	25.0	ND	117	70-135			
Dibromochloromethane	26.7	2.0	ug/l	25.0	ND	107	65-140			
1,2-Dibromo-3-chloropropane	28.1	5.0	ug/l	25.0	ND	112	45-145			
1,2-Dibromoethane (EDB)	25.2	2.0	ug/l	25.0	ND	101	70-130			
Dibromomethane	24.9	2.0	ug/l	25.0	ND	100	65-135			
1,2-Dichlorobenzene	28.0	2.0	ug/l	25.0	ND	112	75-125			
1,3-Dichlorobenzene	27.6	2.0	ug/l	25.0	ND	110	75-125			
1,4-Dichlorobenzene	26.4	2.0	ug/l	25.0	ND	106	75-125			
Dichlorodifluoromethane	27.1	5.0	ug/l	25.0	ND	108	25-155			
1,1-Dichloroethane	27.6	2.0	ug/l	25.0	ND	110	65-130			
1,2-Dichloroethane	26.1	2.0	ug/l	25.0	ND	104	60-140			
1,1-Dichloroethene	24.2	5.0	ug/l	25.0	ND	97	60-130			
cis-1,2-Dichloroethene	27.0	2.0	ug/l	25.0	ND	108	65-130			
trans-1,2-Dichloroethene	26.3	2.0	ug/l	25.0	ND	105	65-130			
1,2-Dichloropropane	27.7	2.0	ug/l	25.0	ND	111	65-130			
1,3-Dichloropropane	27.1	2.0	ug/l	25.0	ND	108	65-135			
2,2-Dichloropropane	27.5	2.0	ug/l	25.0	ND	110	60-145			
1,1-Dichloropropene	26.8	2.0	ug/l	25.0	ND	107	70-135			
cis-1,3-Dichloropropene	23.7	2.0	ug/l	25.0	ND	95	70-130			
trans-1,3-Dichloropropene	20.9	2.0	ug/l	25.0	ND	84	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B08019 Extracted: 02/08/07										
Matrix Spike Analyzed: 02/08/2007 (7B08019-MS1)					**Source: IQB0473-01**					
Ethylbenzene	26.7	2.0	ug/l	25.0	ND	107	65-130			
Hexachlorobutadiene	27.9	5.0	ug/l	25.0	ND	112	60-135			
Isopropylbenzene	34.9	2.0	ug/l	25.0	ND	140	70-135			*M1*
p-Isopropyltoluene	28.3	2.0	ug/l	25.0	ND	113	65-130			
Methylene chloride	25.8	5.0	ug/l	25.0	1.1	99	50-135			
Naphthalene	24.4	5.0	ug/l	25.0	ND	98	50-140			
n-Propylbenzene	30.5	2.0	ug/l	25.0	ND	122	70-135			
Styrene	14.6	2.0	ug/l	25.0	ND	58	50-145			
1,1,1,2-Tetrachloroethane	26.7	5.0	ug/l	25.0	ND	107	65-140			
1,1,2,2-Tetrachloroethane	37.6	2.0	ug/l	25.0	ND	150	55-135			*M7*
Tetrachloroethene	25.1	2.0	ug/l	25.0	ND	100	65-130			
Toluene	26.0	2.0	ug/l	25.0	ND	104	70-125			
1,2,3-Trichlorobenzene	25.8	5.0	ug/l	25.0	ND	103	60-135			
1,2,4-Trichlorobenzene	25.4	5.0	ug/l	25.0	ND	102	65-135			
1,1,1-Trichloroethane	26.2	2.0	ug/l	25.0	ND	105	65-140			
1,1,2-Trichloroethane	27.5	2.0	ug/l	25.0	ND	110	65-130			
Trichloroethene	24.9	2.0	ug/l	25.0	ND	100	65-125			
Trichlorofluoromethane	33.1	5.0	ug/l	25.0	4.8	113	60-145			
1,2,3-Trichloropropane	32.1	10	ug/l	25.0	ND	128	55-135			
1,2,4-Trimethylbenzene	23.0	2.0	ug/l	25.0	ND	92	55-135			
1,3,5-Trimethylbenzene	28.9	2.0	ug/l	25.0	ND	116	70-130			
Vinyl chloride	28.5	5.0	ug/l	25.0	ND	114	45-140			
o-Xylene	26.9	2.0	ug/l	25.0	ND	108	65-125			
m,p-Xylenes	53.8	2.0	ug/l	50.0	ND	108	65-130			
Xylenes, Total	80.8	4.0	ug/l	75.0	ND	108	60-130			
Di-isopropyl Ether (DIPE)	29.1	5.0	ug/l	25.0	ND	116	60-140			
Ethyl tert-Butyl Ether (ETBE)	27.5	5.0	ug/l	25.0	ND	110	60-135			
tert-Amyl Methyl Ether (TAME)	26.9	5.0	ug/l	25.0	ND	108	60-140			
Methyl-tert-butyl Ether (MTBE)	26.1	5.0	ug/l	25.0	ND	104	55-145			
tert-Butanol (TBA)	124	50	ug/l	125	ND	99	65-140			
Surrogate Dibromofluoromethane	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate Toluene-d8	*26.5*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B08019 Extracted: 02/08/07										
Matrix Spike Dup Analyzed: 02/08/2007 (7B08019-MSD1)					**Source: IQB0473-01**					
Benzene	26.9	2.0	ug/l	25.0	0.30	106	65-125	3	20	
Bromobenzene	29.3	5.0	ug/l	25.0	ND	117	70-125	7	20	
Bromochloromethane	27.0	5.0	ug/l	25.0	ND	108	65-135	6	25	
Bromodichloromethane	28.8	2.0	ug/l	25.0	ND	115	70-135	6	20	
Bromoform	25.7	5.0	ug/l	25.0	ND	103	55-135	5	25	
Bromomethane	28.3	5.0	ug/l	25.0	ND	113	55-145	4	25	
n-Butylbenzene	30.6	5.0	ug/l	25.0	ND	122	65-135	6	20	
sec-Butylbenzene	32.2	5.0	ug/l	25.0	ND	129	70-125	9	20	*M1*
tert-Butylbenzene	32.6	5.0	ug/l	25.0	ND	130	65-130	7	20	
Carbon tetrachloride	25.4	5.0	ug/l	25.0	ND	102	65-140	4	25	
Chlorobenzene	26.6	2.0	ug/l	25.0	ND	106	75-125	4	20	
Chloroethane	31.7	5.0	ug/l	25.0	ND	127	55-140	5	25	
Chloroform	30.9	2.0	ug/l	25.0	2.6	113	65-135	5	20	
Chloromethane	30.2	5.0	ug/l	25.0	ND	121	45-145	4	25	
2-Chlorotoluene	32.9	5.0	ug/l	25.0	ND	132	65-135	7	20	
4-Chlorotoluene	30.4	5.0	ug/l	25.0	ND	122	70-135	4	20	
Dibromochloromethane	28.4	2.0	ug/l	25.0	ND	114	65-140	6	25	
1,2-Dibromo-3-chloropropane	29.8	5.0	ug/l	25.0	ND	119	45-145	6	30	
1,2-Dibromoethane (EDB)	26.0	2.0	ug/l	25.0	ND	104	70-130	3	25	
Dibromomethane	26.4	2.0	ug/l	25.0	ND	106	65-135	6	25	
1,2-Dichlorobenzene	30.9	2.0	ug/l	25.0	ND	124	75-125	10	20	
1,3-Dichlorobenzene	29.2	2.0	ug/l	25.0	ND	117	75-125	6	20	
1,4-Dichlorobenzene	28.4	2.0	ug/l	25.0	ND	114	75-125	7	20	
Dichlorodifluoromethane	29.4	5.0	ug/l	25.0	ND	118	25-155	8	30	
1,1-Dichloroethane	28.8	2.0	ug/l	25.0	ND	115	65-130	4	20	
1,2-Dichloroethane	27.4	2.0	ug/l	25.0	ND	110	60-140	5	20	
1,1-Dichloroethene	25.3	5.0	ug/l	25.0	ND	101	60-130	4	20	
cis-1,2-Dichloroethene	28.9	2.0	ug/l	25.0	ND	116	65-130	7	20	
trans-1,2-Dichloroethene	27.9	2.0	ug/l	25.0	ND	112	65-130	6	20	
1,2-Dichloropropane	29.6	2.0	ug/l	25.0	ND	118	65-130	7	20	
1,3-Dichloropropane	28.3	2.0	ug/l	25.0	ND	113	65-135	4	25	
2,2-Dichloropropane	28.9	2.0	ug/l	25.0	ND	116	60-145	5	25	
1,1-Dichloropropene	28.0	2.0	ug/l	25.0	ND	112	70-135	4	20	
cis-1,3-Dichloropropene	24.6	2.0	ug/l	25.0	ND	98	70-130	4	20	
trans-1,3-Dichloropropene	22.1	2.0	ug/l	25.0	ND	88	65-135	6	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B08019 Extracted: 02/08/07										
Matrix Spike Dup Analyzed: 02/08/2007 (7B08019-MSD1)					**Source: IQB0473-01**					
Ethylbenzene	28.3	2.0	ug/l	25.0	ND	113	65-130	6	20	
Hexachlorobutadiene	29.1	5.0	ug/l	25.0	ND	116	60-135	4	20	
Isopropylbenzene	38.4	2.0	ug/l	25.0	ND	154	70-135	10	20	*M1*
p-Isopropyltoluene	30.4	2.0	ug/l	25.0	ND	122	65-130	7	20	
Methylene chloride	27.4	5.0	ug/l	25.0	1.1	105	50-135	6	20	
Naphthalene	26.3	5.0	ug/l	25.0	ND	105	50-140	7	30	
n-Propylbenzene	32.6	2.0	ug/l	25.0	ND	130	70-135	7	20	
Styrene	16.4	2.0	ug/l	25.0	ND	66	50-145	12	30	
1,1,1,2-Tetrachloroethane	28.3	5.0	ug/l	25.0	ND	113	65-140	6	20	
1,1,2,2-Tetrachloroethane	39.0	2.0	ug/l	25.0	ND	156	55-135	4	30	*M7*
Tetrachloroethene	26.0	2.0	ug/l	25.0	ND	104	65-130	4	20	
Toluene	27.5	2.0	ug/l	25.0	ND	110	70-125	6	20	
1,2,3-Trichlorobenzene	27.1	5.0	ug/l	25.0	ND	108	60-135	5	20	
1,2,4-Trichlorobenzene	26.6	5.0	ug/l	25.0	ND	106	65-135	5	20	
1,1,1-Trichloroethane	27.6	2.0	ug/l	25.0	ND	110	65-140	5	20	
1,1,2-Trichloroethane	29.2	2.0	ug/l	25.0	ND	117	65-130	6	25	
Trichloroethene	26.0	2.0	ug/l	25.0	ND	104	65-125	4	20	
Trichlorofluoromethane	34.9	5.0	ug/l	25.0	4.8	120	60-145	5	25	
1,2,3-Trichloropropane	34.3	10	ug/l	25.0	ND	137	55-135	7	30	*M7*
1,2,4-Trimethylbenzene	25.7	2.0	ug/l	25.0	ND	103	55-135	11	25	
1,3,5-Trimethylbenzene	32.3	2.0	ug/l	25.0	ND	129	70-130	11	20	
Vinyl chloride	29.6	5.0	ug/l	25.0	ND	118	45-140	4	30	
o-Xylene	27.6	2.0	ug/l	25.0	ND	110	65-125	3	20	
m,p-Xylenes	56.5	2.0	ug/l	50.0	ND	113	65-130	5	25	
Xylenes, Total	84.0	4.0	ug/l	75.0	ND	112	60-130	4	20	
Di-isopropyl Ether (DIPE)	30.5	5.0	ug/l	25.0	ND	122	60-140	5	25	
Ethyl tert-Butyl Ether (ETBE)	28.6	5.0	ug/l	25.0	ND	114	60-135	4	25	
tert-Amyl Methyl Ether (TAME)	28.6	5.0	ug/l	25.0	ND	114	60-140	6	30	
Methyl-tert-butyl Ether (MTBE)	28.2	5.0	ug/l	25.0	ND	113	55-145	8	25	
tert-Butanol (TBA)	135	50	ug/l	125	ND	108	65-140	8	25	
Surrogate Dibromofluoromethane	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate Toluene-d8	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate 4-Bromofluorobenzene	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B09006 Extracted: 02/09/07										
Blank Analyzed: 02/09/2007 (7B09006-BLK1)										
Isopropylbenzene	ND	2.0	ug/l							
Surrogate Dibromofluoromethane	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate Toluene-d8	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate 4-Bromofluorobenzene	*20.8*		*ug/l*	*25.0*		*83*	*80-120*			
LCS Analyzed: 02/09/2007 (7B09006-BS1)										
Isopropylbenzene	27.7	2.0	ug/l	25.0		111	75-130			
Surrogate Dibromofluoromethane	*27.3*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate Toluene-d8	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate 4-Bromofluorobenzene	*22.6*		*ug/l*	*25.0*		*90*	*80-120*			
Matrix Spike Analyzed: 02/09/2007 (7B09006-MS1)					**Source: IQB0091-05**					
Isopropylbenzene	28.9	2.0	ug/l	25.0	ND	116	70-135			
Surrogate Dibromofluoromethane	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate Toluene-d8	*23.9*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate 4-Bromofluorobenzene	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			
Matrix Spike Dup Analyzed: 02/09/2007 (7B09006-MSD1)					**Source: IQB0091-05**					
Isopropylbenzene	28.7	2.0	ug/l	25.0	ND	115	70-135	1	20	
Surrogate Dibromofluoromethane	*27.8*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate Toluene-d8	*23.7*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate 4-Bromofluorobenzene	*22.5*		*ug/l*	*25.0*		*90*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B07123 Extracted: 02/07/07										
Blank Analyzed: 02/09/2007 (7B07123-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate 1,4-Dioxane-d8	*1.16*		*ug/l*	*2.00*		*58*	*30-120*			
LCS Analyzed: 02/09/2007 (7B07123-BS1)										**MNR1**
1,4-Dioxane	1.10	0.50	ug/l	2.00		55	35-120			
Surrogate 1,4-Dioxane-d8	*1.08*		*ug/l*	*2.00*		*54*	*30-120*			
LCS Dup Analyzed: 02/09/2007 (7B07123-BSD1)										
1,4-Dioxane	1.21	0.50	ug/l	2.00		60	35-120	10	25	
Surrogate 1,4-Dioxane-d8	*1.20*		*ug/l*	*2.00*		*60*	*30-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B07123 Extracted: 02/07/07										
Blank Analyzed: 02/09/2007 (7B07123-BLK1)										
N-Nitrosodimethylamine	0.00406	0.0020	ug/l							
LCS Analyzed: 02/09/2007 (7B07123-BS1)										
N-Nitrosodimethylamine	0.00984	0.0020	ug/l	0.0100		98	60-140			*MNR1*
LCS Analyzed: 02/09/2007 (7B07123-BS2)										
N-Nitrosodimethylamine	0.00363	0.0020	ug/l	0.00200		182	60-140			*L*
LCS Dup Analyzed: 02/09/2007 (7B07123-BSD1)										
N-Nitrosodimethylamine	0.00990	0.0020	ug/l	0.0100		99	60-140	1	30	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

DISSOLVED GASES BY HEADSPACE EQUILIBRIUM (RSK-175 MOD.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14048 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14048-BLK1)										
Methane	ND	0.050	mg/l							
LCS Analyzed: 02/14/2007 (7B14048-BS1)										
Methane	1.38	0.050	mg/l	1.36		101	80-120			
Matrix Spike Analyzed: 02/14/2007 (7B14048-MS1)					**Source: IQB0473-02**					
Methane	1.44	0.050	mg/l	1.36	ND	106	80-120			
Matrix Spike Dup Analyzed: 02/14/2007 (7B14048-MSD1)					**Source: IQB0473-02**					
Methane	1.58	0.050	mg/l	1.36	ND	116	80-120	9	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B06041 Extracted: 02/06/07										
Blank Analyzed: 02/06/2007 (7B06041-BLK1)										
Nitrate-N	ND	0.11	mg/l							
Sulfate	ND	0.50	mg/l							
LCS Analyzed: 02/06/2007 (7B06041-BS1)										
Nitrate-N	1.16	0.11	mg/l	1.13		103	90-110			
Sulfate	9.61	0.50	mg/l	10.0		96	90-110			
Matrix Spike Analyzed: 02/06/2007 (7B06041-MS1)					**Source: IQB0393-01**					
Nitrate-N	13.3	2.2	mg/l	11.3	0.98	109	80-120			
Sulfate	161	10	mg/l	100	60	101	80-120			
Matrix Spike Dup Analyzed: 02/06/2007 (7B06041-MSD1)					**Source: IQB0393-01**					
Nitrate-N	12.9	2.2	mg/l	11.3	0.98	105	80-120	3	20	
Sulfate	155	10	mg/l	100	60	95	80-120	4	20	
Batch: 7B06071 Extracted: 02/06/07										
Blank Analyzed: 02/06/2007 (7B06071-BLK1)										
Chromium VI	ND	0.0020	mg/l							
LCS Analyzed: 02/06/2007 (7B06071-BS1)										
Chromium VI	0.0533	0.0020	mg/l	0.0500		107	90-110			
Matrix Spike Analyzed: 02/06/2007 (7B06071-MS1)					**Source: IQB0473-01**					
Chromium VI	0.0548	0.0020	mg/l	0.0500	0.0039	102	80-115			
Matrix Spike Dup Analyzed: 02/06/2007 (7B06071-MSD1)					**Source: IQB0473-01**					
Chromium VI	0.0552	0.0020	mg/l	0.0500	0.0039	103	80-115	1	15	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B07081 Extracted: 02/07/07										
Blank Analyzed: 02/07/2007 (7B07081-BLK1)										**HFT**
Ferrous Iron	ND	0.10	mg/l							
Duplicate Analyzed: 02/07/2007 (7B07081-DUP1)					**Source: IQB0546-01**					**HFT**
Ferrous Iron	0.100	0.10	mg/l		0.10			0	20	
Duplicate Analyzed: 02/07/2007 (7B07081-DUP2)					**Source: IQB0444-01**					**HFT**
Ferrous Iron	ND	0.10	mg/l		ND				20	
Batch: 7B13079 Extracted: 02/13/07										
Duplicate Analyzed: 02/13/2007 (7B13079-DUP1)					**Source: IQB0481-01**					
Alkalinity as CaCO3	156	2.0	mg/l		150			4	20	
Reference Analyzed: 02/13/2007 (7B13079-SRM1)										
Alkalinity as CaCO3	236	2.0	mg/l	231		102	90-110			
Batch: 7B14070 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14070-BLK1)										
Perchlorate	ND	4.0	ug/l							
LCS Analyzed: 02/14/2007 (7B14070-BS1)										
Perchlorate	51.7	4.0	ug/l	50.0		103	85-115			
Matrix Spike Analyzed: 02/14/2007 (7B14070-MS1)					**Source: IQB0473-02**					
Perchlorate	54.6	4.0	ug/l	50.0	ND	109	80-120			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14070 Extracted: 02/14/07										
Matrix Spike Dup Analyzed: 02/14/2007 (7B14070-MSD1)					**Source: IQB0473-02**					
Perchlorate	51.7	4.0	ug/l	50.0	ND	103	80-120	5	20	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For GRO (C4-C12):

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

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0473

Sampled: 02/06/07
Received: 02/06/07

Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1625C-CI Mod	Water		
EPA 300.0	Water	X	X
EPA 314.0	Water	N/A	X
EPA 7199	Water	X	X
EPA 8015B	Water	X	X
EPA 8260B	Water	X	X
EPA 8270C	Water	X	X
RSK-175 MOD.	Water	N/A	N/A
SM 3500-Fe D	Water		
SM2320B	Water	X	X

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

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

ARCADIS BBL
Former CENCO Refinery
Quarterly Groundwater Monitoring with Emergent Chemical Sampling
COC Revisions
02/06/07

Sample ID	*Analysis*	*Method*
MW-606-0207	TPH-G	8015M
	VOCs	8260B
	Hexavalent Chromium	7199
	1,4-Dioxane	8270C
	NDMA	1625C M
	Perchlorate	314.0
	methane	RSK-175M
	nitrate and sulfate	300.0
	alkalinity	SM2320B
	ferrous iron	SM3500-FeD
MW-605-0207	TPH-G	8015M
	VOCs	8260B
	Hexavalent Chromium	7199
	1,4-Dioxane	8270C
	NDMA	1625C M
	Perchlorate	314.0
	methane	RSK-175M
	nitrate and sulfate	300.0
	alkalinity	SM2320B
	ferrous iron	SM3500-FeD
MW-605-0207-D	TPH-G	8015M
	VOCs	8260B
	Hexavalent Chromium	7199
	1,4-Dioxane	8270C
	NDMA	1625C M
	Perchlorate	314.0
	methane	RSK-175M
	nitrate and sulfate	300.0
	alkalinity	SM2320B
	ferrous iron	SM3500-FeD
MW-603-0207	TPH-G	8015M
	VOCs	8260B
	Hexavalent Chromium	7199
	1,4-Dioxane	8270C
	NDMA	1625C M
	Perchlorate	314.0
MW-607-0207	TPH-G	8015M
	VOCs	8260B
	Hexavalent Chromium	7199
	1,4-Dioxane	8270C
	NDMA	1625C M
	Perchlorate	314.0
W-9-0207	TPH-G	8015M
	VOCs	8260B
	Hexavalent Chromium	7199
	1,4-Dioxane	8270C
	NDMA	1625C M
	Perchlorate	314.0
TB020607	TPH-G	8015M
	VOCs	8260B

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3294
1514 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2526 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

Page ___ of ___

Client Name/Address: Arcadis BBL (949) 474-9052

Project/PO Number: Former Gemco Refinery 54205-1

Project Manager: Jennifer Wiley

Phone Number: 949-474-9052

Sampler: Matt Worthington

Fax Number: (949) 474-9345

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	NDMA 1625C	8270	1,4 Dioxane	Perchlorate - 314.0 Sulfate - 300.0 Nitrate - 300.0 Iron Fe2+ - 3500	Cr VI 7196 Total Alkalinity 310	8260 8015 Gas Chlorine	Diss Cations			Special Instructions
MW-606-0207	liquid	Various	13	2/6/07	8:25	HCL/ICED	x	x	x	x	x	x	x	x		
MW-605-0207			13		10:20		x	x	x	x	x	x	x	x		
MW-605-0207-D			13		10:25		x	x	x	x	x	x	x	x		
MW-603-0207			10		11:30		x	x	x	x	x	x	x			
~~MW-604-0207~~ (MW)																
MW-607-0207			10		12:45		x	x	x	x	x	x	x			
~~MW-104A-0207~~ (MW)																
(MW) ~~MW~~-9-0207			10		14:25		x	x	x	x	x	x	x			
TB020607			3		8:00							x				

Relinquished By:	Date/Time:	Received By:	Date/Time:
Matt Worthington	2/6/07 1635	John R Bongom	2/6/07 16 35
John Bongom	2/6/07 17 35		
		Received in Lab By: Edward N	2/6/07 1735

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

Sample Integrity: (Check)
intact ✓ on ice ✓

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

HE 2-6-07 1950

5.0°C / 4.5°C

271

TestAmerica
ANALYTICAL TESTING CORPORATION

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

LABORATORY REPORT

Prepared For: Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project: Former Cenco Refinery - 2006
54205.001

Sampled: 02/07/07
Received: 02/07/07
Revised: 02/22/07 09:50

NELAP #01108CA California ELAP#1197 CSDLAC #10256

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

SAMPLE CROSS REFERENCE

ADDITIONAL INFORMATION: Report reissued with revised sample ID for sample 6, MW-204-0207

LABORATORY ID	CLIENT ID	MATRIX
IQB0660-01	MW-604-0207	Water
IQB0660-02	W-12-0207	Water
IQB0660-03	MW-104A-0207	Water
IQB0660-04	MW-105-0207	Water
IQB0660-05	MW-105-0207-D	Water
IQB0660-06	MW-204-0207	Water
IQB0660-07	MW-205-0207	Water
IQB0660-08	MW-201-0207	Water
IQB0660-09	TB020707	Water

Reviewed By:

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-01 (MW-604-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	50	**540**	1	2/14/2007	2/14/2007	
Surrogate: 4-BFB (FID) (65-140%)				*111 %*				
Sample ID: IQB0660-02 (W-12-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	250	**4800**	5	2/14/2007	2/14/2007	
Surrogate: 4-BFB (FID) (65-140%)				*103 %*				
Sample ID: IQB0660-03 (MW-104A-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	250	**540**	5	2/14/2007	2/15/2007	
Surrogate: 4-BFB (FID) (65-140%)				*131 %*				
Sample ID: IQB0660-04 (MW-105-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	50	**160**	1	2/14/2007	2/15/2007	
Surrogate: 4-BFB (FID) (65-140%)				*134 %*				
Sample ID: IQB0660-05 (MW-105-0207-D - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	50	**160**	1	2/14/2007	2/15/2007	
Surrogate: 4-BFB (FID) (65-140%)				*130 %*				
Sample ID: IQB0660-06 (MW-204-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B14136	50	**360**	1	2/14/2007	2/15/2007	
Surrogate: 4-BFB (FID) (65-140%)				*113 %*				
Sample ID: IQB0660-07 (MW-205-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B15049	50	**150**	1	2/15/2007	2/15/2007	
Surrogate: 4-BFB (FID) (65-140%)				*100 %*				
Sample ID: IQB0660-08 (MW-201-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B15050	250	**1100**	5	2/15/2007	2/15/2007	
Surrogate: 4-BFB (FID) (65-140%)				*98 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-01 (MW-604-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B10012	2.0	**9.8**	1	2/10/2007	2/10/2007	
Bromobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromochloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromodichloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Bromoform	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromomethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
n-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
sec-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Carbon tetrachloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chloroform	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	M1
2-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
4-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Dibromochloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dibromomethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,4-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dichlorodifluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
2,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Ethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Hexachlorobutadiene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
p-Isopropyltoluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Methylene chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Naphthalene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
n-Propylbenzene	EPA 8260B	7B10012	2.0	**7.0**	1	2/10/2007	2/10/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-01 (MW-604-0207 - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Styrene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Tetrachloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Toluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,1-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,2-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	M1
Trichloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Trichlorofluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichloropropane	EPA 8260B	7B10012	10	ND	1	2/10/2007	2/10/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Vinyl chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
o-Xylene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
m,p-Xylenes	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Xylenes, Total	EPA 8260B	7B10012	4.0	ND	1	2/10/2007	2/10/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B10012	5.0	**20**	1	2/10/2007	2/10/2007	
tert-Butanol (TBA)	EPA 8260B	7B10012	50	**60**	1	2/10/2007	2/10/2007	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*110 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-01RE1 (MW-604-0207 - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B14011	2.0	**10**	1	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*97 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*107 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-02 (W-12-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Bromobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromochloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromodichloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Bromoform	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromomethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
n-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
sec-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Carbon tetrachloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chloroform	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
2-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
4-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Dibromochloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dibromomethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,4-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dichlorodifluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	**6.8**	1	2/10/2007	2/10/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
2,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Ethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Hexachlorobutadiene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Isopropylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
p-Isopropyltoluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Methylene chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Naphthalene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-02 (W-12-0207 - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Styrene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Tetrachloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Toluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,1-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,2-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Trichloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Trichlorofluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichloropropane	EPA 8260B	7B10012	10	ND	1	2/10/2007	2/10/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Vinyl chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
o-Xylene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
m,p-Xylenes	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Xylenes, Total	EPA 8260B	7B10012	4.0	ND	1	2/10/2007	2/10/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butanol (TBA)	EPA 8260B	7B10012	50	**50**	1	2/10/2007	2/10/2007	
Surrogate: Dibromofluoromethane (80-120%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*106 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-03 (MW-104A-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Bromobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromochloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromodichloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Bromoform	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromomethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
n-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
sec-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Carbon tetrachloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chloroform	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
2-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
4-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Dibromochloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dibromomethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,4-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dichlorodifluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
2,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Ethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Hexachlorobutadiene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Isopropylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
p-Isopropyltoluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Methylene chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Naphthalene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-03 (MW-104A-0207 - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Styrene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Tetrachloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Toluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,1-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,2-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Trichloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Trichlorofluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichloropropane	EPA 8260B	7B10012	10	ND	1	2/10/2007	2/10/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Vinyl chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
o-Xylene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
m,p-Xylenes	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Xylenes, Total	EPA 8260B	7B10012	4.0	ND	1	2/10/2007	2/10/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butanol (TBA)	EPA 8260B	7B10012	50	**120**	1	2/10/2007	2/10/2007	
Surrogate: Dibromofluoromethane (80-120%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*104 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-04 (MW-105-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Bromobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromochloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromodichloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Bromoform	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromomethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
n-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
sec-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Carbon tetrachloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chloroform	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
2-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
4-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Dibromochloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dibromomethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,4-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dichlorodifluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethane	EPA 8260B	7B10012	2.0	**4.2**	1	2/10/2007	2/10/2007	
1,2-Dichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethene	EPA 8260B	7B10012	5.0	**12**	1	2/10/2007	2/10/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	**12**	1	2/10/2007	2/10/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	**4.8**	1	2/10/2007	2/10/2007	
1,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
2,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Ethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Hexachlorobutadiene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Isopropylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
p-Isopropyltoluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Methylene chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Naphthalene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-04 (MW-105-0207 - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Styrene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Tetrachloroethene	EPA 8260B	7B10012	2.0	**19**	1	2/10/2007	2/10/2007	
Toluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,1-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,2-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Trichloroethene	EPA 8260B	7B10012	2.0	**57**	1	2/10/2007	2/10/2007	
Trichlorofluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichloropropane	EPA 8260B	7B10012	10	ND	1	2/10/2007	2/10/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Vinyl chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
o-Xylene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
m,p-Xylenes	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Xylenes, Total	EPA 8260B	7B10012	4.0	ND	1	2/10/2007	2/10/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butanol (TBA)	EPA 8260B	7B10012	50	ND	1	2/10/2007	2/10/2007	
Surrogate: Dibromofluoromethane (80-120%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*104 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-05 (MW-105-0207-D - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Bromobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromochloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromodichloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Bromoform	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromomethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
n-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
sec-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Carbon tetrachloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chloroform	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
2-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
4-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Dibromochloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dibromomethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,4-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dichlorodifluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethane	EPA 8260B	7B10012	2.0	**3.7**	1	2/10/2007	2/10/2007	
1,2-Dichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethene	EPA 8260B	7B10012	5.0	**10**	1	2/10/2007	2/10/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	**12**	1	2/10/2007	2/10/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	**4.3**	1	2/10/2007	2/10/2007	
1,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
2,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Ethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Hexachlorobutadiene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Isopropylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
p-Isopropyltoluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Methylene chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Naphthalene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-05 (MW-105-0207-D - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Styrene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Tetrachloroethene	EPA 8260B	7B10012	2.0	**15**	1	2/10/2007	2/10/2007	
Toluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,1-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,2-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Trichloroethene	EPA 8260B	7B10012	2.0	**47**	1	2/10/2007	2/10/2007	
Trichlorofluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichloropropane	EPA 8260B	7B10012	10	ND	1	2/10/2007	2/10/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Vinyl chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
o-Xylene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
m,p-Xylenes	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Xylenes, Total	EPA 8260B	7B10012	4.0	ND	1	2/10/2007	2/10/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butanol (TBA)	EPA 8260B	7B10012	50	ND	1	2/10/2007	2/10/2007	
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-06 (MW-204-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B10012	2.0	**4.9**	1	2/10/2007	2/10/2007	
Bromobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromochloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromodichloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Bromoform	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Bromomethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
n-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
sec-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butylbenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Carbon tetrachloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Chloroform	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Chloromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
2-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
4-Chlorotoluene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Dibromochloromethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dibromomethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,4-Dichlorobenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Dichlorodifluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloroethene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	**2.8**	1	2/10/2007	2/10/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,3-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
2,2-Dichloropropane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Ethylbenzene	EPA 8260B	7B10012	2.0	**11**	1	2/10/2007	2/10/2007	
Hexachlorobutadiene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Isopropylbenzene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	L
p-Isopropyltoluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Methylene chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Naphthalene	EPA 8260B	7B10012	5.0	**5.6**	1	2/10/2007	2/10/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-06 (MW-204-0207 - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B10012	2.0	**2.1**	1	2/10/2007	2/10/2007	
Styrene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Tetrachloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Toluene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,1,1-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
1,1,2-Trichloroethane	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Trichloroethene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
Trichlorofluoromethane	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
1,2,3-Trichloropropane	EPA 8260B	7B10012	10	ND	1	2/10/2007	2/10/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B10012	2.0	**25**	1	2/10/2007	2/10/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B10012	2.0	**16**	1	2/10/2007	2/10/2007	
Vinyl chloride	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
o-Xylene	EPA 8260B	7B10012	2.0	ND	1	2/10/2007	2/10/2007	
m,p-Xylenes	EPA 8260B	7B10012	2.0	**14**	1	2/10/2007	2/10/2007	
Xylenes, Total	EPA 8260B	7B10012	4.0	**15**	1	2/10/2007	2/10/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B10012	5.0	ND	1	2/10/2007	2/10/2007	
tert-Butanol (TBA)	EPA 8260B	7B10012	50	**64**	1	2/10/2007	2/10/2007	
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*104 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-07 (MW-205-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B11009	2.0	**24**	1	2/11/2007	2/11/2007	
Bromobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromochloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromodichloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Bromoform	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromomethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
n-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
sec-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Carbon tetrachloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chloroform	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
2-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
4-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Dibromochloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dibromomethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,4-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dichlorodifluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	**32**	1	2/11/2007	2/11/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
2,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Ethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Hexachlorobutadiene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Isopropylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	L
p-Isopropyltoluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Methylene chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Naphthalene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-07 (MW-205-0207 - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Styrene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	C, L
Tetrachloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Toluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,1-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,2-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichlorofluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichloropropane	EPA 8260B	7B11009	10	ND	1	2/11/2007	2/11/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Vinyl chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
o-Xylene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
m,p-Xylenes	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Xylenes, Total	EPA 8260B	7B11009	4.0	ND	1	2/11/2007	2/11/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butanol (TBA)	EPA 8260B	7B11009	50	ND	1	2/11/2007	2/11/2007	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*88 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-08 (MW-201-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B11009	2.0	**94**	1	2/11/2007	2/11/2007	
Bromobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromochloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromodichloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Bromoform	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromomethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
n-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
sec-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Carbon tetrachloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chloroform	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
2-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
4-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Dibromochloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dibromomethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,4-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dichlorodifluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	**25**	1	2/11/2007	2/11/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
2,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Ethylbenzene	EPA 8260B	7B11009	2.0	**8.6**	1	2/11/2007	2/11/2007	
Hexachlorobutadiene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
p-Isopropyltoluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Methylene chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Naphthalene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
n-Propylbenzene	EPA 8260B	7B11009	2.0	**2.3**	1	2/11/2007	2/11/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-08 (MW-201-0207 - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Styrene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	C, L
Tetrachloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Toluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,1-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,2-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichloroethene	EPA 8260B	7B11009	2.0	**7.4**	1	2/11/2007	2/11/2007	
Trichlorofluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichloropropane	EPA 8260B	7B11009	10	ND	1	2/11/2007	2/11/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Vinyl chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
o-Xylene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
m,p-Xylenes	EPA 8260B	7B11009	2.0	**5.1**	1	2/11/2007	2/11/2007	
Xylenes, Total	EPA 8260B	7B11009	4.0	**5.4**	1	2/11/2007	2/11/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butanol (TBA)	EPA 8260B	7B11009	50	ND	1	2/11/2007	2/11/2007	
Surrogate: Dibromofluoromethane (80-120%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-08RE1 (MW-201-0207 - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B14013	2.0	**3.0**	1	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*92 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-09 (TB020707 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Bromobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromochloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromodichloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Bromoform	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromomethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
n-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
sec-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Carbon tetrachloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chloroform	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
2-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
4-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Dibromochloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dibromomethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,4-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dichlorodifluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
2,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Ethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Hexachlorobutadiene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Isopropylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	L
p-Isopropyltoluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Methylene chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Naphthalene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-09 (TB020707 - Water) - cont.				**Sampled: 02/07/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Styrene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	C, L
Tetrachloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Toluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,1-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,2-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichlorofluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichloropropane	EPA 8260B	7B11009	10	ND	1	2/11/2007	2/11/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Vinyl chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
o-Xylene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
m,p-Xylenes	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Xylenes, Total	EPA 8260B	7B11009	4.0	ND	1	2/11/2007	2/11/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	MHA
tert-Butanol (TBA)	EPA 8260B	7B11009	50	ND	1	2/11/2007	2/11/2007	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*85 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-01 (MW-604-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.49	ND	0.98	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*54 %*				
Sample ID: IQB0660-02 (W-12-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.49	**1.0**	0.98	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*62 %*				
Sample ID: IQB0660-03 (MW-104A-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.49	**0.64**	0.985	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*42 %*				
Sample ID: IQB0660-04 (MW-105-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.49	**1.3**	0.98	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*53 %*				
Sample ID: IQB0660-05 (MW-105-0207-D - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.48	**1.5**	0.952	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*59 %*				
Sample ID: IQB0660-06 (MW-204-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.49	**1.4**	0.98	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*52 %*				
Sample ID: IQB0660-07 (MW-205-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.48	**0.91**	0.957	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*56 %*				
Sample ID: IQB0660-08 (MW-201-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.48	**1.1**	0.966	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*54 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-01 (MW-604-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0020	ND	0.98	2/11/2007	2/13/2007	I
Sample ID: IQB0660-02 (W-12-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0020	ND	0.98	2/11/2007	2/13/2007	I
Sample ID: IQB0660-03 (MW-104A-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0020	ND	0.985	2/11/2007	2/13/2007	
Sample ID: IQB0660-04 (MW-105-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0020	ND	0.98	2/11/2007	2/13/2007	
Sample ID: IQB0660-05 (MW-105-0207-D - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0019	ND	0.952	2/11/2007	2/13/2007	
Sample ID: IQB0660-06 (MW-204-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0020	**0.0047**	0.98	2/11/2007	2/13/2007	
Sample ID: IQB0660-07 (MW-205-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0019	ND	0.957	2/11/2007	2/13/2007	I
Sample ID: IQB0660-08 (MW-201-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0019	ND	0.966	2/11/2007	2/13/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

DISSOLVED GASES BY HEADSPACE EQUILIBRIUM (RSK-175 MOD.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-03 (MW-104A-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: mg/l								
Methane	RSK-175 MOD.	7B14048	0.050	ND	1	2/14/2007	2/14/2007	
Sample ID: IQB0660-07 (MW-205-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: mg/l								
Methane	RSK-175 MOD.	7B14048	0.050	**0.22**	1	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-01 (MW-604-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B07085	0.0020	ND	1	2/7/2007	2/7/2007	
Sample ID: IQB0660-01 (MW-604-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B14135	4.0	ND	1	2/14/2007	2/15/2007	
Sample ID: IQB0660-02 (W-12-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B07085	0.0020	ND	1	2/7/2007	2/7/2007	
Sample ID: IQB0660-02 (W-12-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B14135	4.0	ND	1	2/14/2007	2/15/2007	
Sample ID: IQB0660-03 (MW-104A-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: mg/l								
Alkalinity as CaCO3	SM2320B	7B15075	2.0	**500**	1	2/15/2007	2/15/2007	
Ferrous Iron	SM 3500-Fe D	7B08133	0.10	ND	1	2/8/2007	2/8/2007	HFT
Chromium VI	EPA 7199	7B07085	0.0020	ND	1	2/7/2007	2/7/2007	
Nitrate-N	EPA 300.0	7B07134	0.11	**1.2**	1	2/7/2007	2/8/2007	
Sulfate	EPA 300.0	7B07134	0.50	**57**	1	2/7/2007	2/8/2007	
Sample ID: IQB0660-03 (MW-104A-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B16059	4.0	ND	1	2/16/2007	2/16/2007	
Sample ID: IQB0660-04 (MW-105-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B07085	0.0020	ND	1	2/7/2007	2/7/2007	
Sample ID: IQB0660-04 (MW-105-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B14135	4.0	ND	1	2/14/2007	2/15/2007	
Sample ID: IQB0660-05 (MW-105-0207-D - Water)				**Sampled: 02/07/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B07085	0.0020	ND	1	2/7/2007	2/7/2007	
Sample ID: IQB0660-05 (MW-105-0207-D - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B15088	4.0	ND	1	2/15/2007	2/16/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0660-06 (MW-204-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B07085	0.0020	ND	1	2/7/2007	2/7/2007	
Sample ID: IQB0660-06 (MW-204-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B15088	4.0	ND	1	2/15/2007	2/15/2007	
Sample ID: IQB0660-07 (MW-205-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: mg/l								
Alkalinity as CaCO3	SM2320B	7B15075	2.0	**620**	1	2/15/2007	2/15/2007	
Ferrous Iron	SM 3500-Fe D	7B08133	0.10	ND	1	2/8/2007	2/8/2007	HFT
Chromium VI	EPA 7199	7B07085	0.0020	ND	1	2/7/2007	2/8/2007	
Nitrate-N	EPA 300.0	7B07134	0.11	ND	1	2/7/2007	2/8/2007	
Sulfate	EPA 300.0	7B07134	10	**420**	20	2/7/2007	2/8/2007	
Sample ID: IQB0660-07 (MW-205-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B14135	4.0	ND	1	2/14/2007	2/15/2007	
Sample ID: IQB0660-08 (MW-201-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B07085	0.0020	ND	1	2/7/2007	2/8/2007	
Sample ID: IQB0660-08 (MW-201-0207 - Water)				**Sampled: 02/07/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B15088	4.0	ND	1	2/15/2007	2/15/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: MW-604-0207 (IQB0660-01) - Water					
EPA 7199	1	02/07/2007 06:30	02/07/2007 18:30	02/07/2007 21:30	02/07/2007 22:33
Sample ID: W-12-0207 (IQB0660-02) - Water					
EPA 7199	1	02/07/2007 08:20	02/07/2007 18:30	02/07/2007 21:30	02/07/2007 22:44
Sample ID: MW-104A-0207 (IQB0660-03) - Water					
EPA 300.0	2	02/07/2007 10:40	02/07/2007 18:30	02/07/2007 20:00	02/08/2007 03:46
EPA 7199	1	02/07/2007 10:40	02/07/2007 18:30	02/07/2007 21:30	02/07/2007 22:55
SM 3500-Fe D	1	02/07/2007 10:40	02/07/2007 18:30	02/08/2007 16:00	02/08/2007 16:00
Sample ID: MW-105-0207 (IQB0660-04) - Water					
EPA 7199	1	02/07/2007 11:30	02/07/2007 18:30	02/07/2007 21:30	02/07/2007 23:06
Sample ID: MW-105-0207-D (IQB0660-05) - Water					
EPA 7199	1	02/07/2007 11:45	02/07/2007 18:30	02/07/2007 21:30	02/07/2007 23:17
Sample ID: MW-204-0207 (IQB0660-06) - Water					
EPA 7199	1	02/07/2007 15:45	02/07/2007 18:30	02/07/2007 21:30	02/07/2007 23:28
Sample ID: MW-205-0207 (IQB0660-07) - Water					
EPA 300.0	2	02/07/2007 13:05	02/07/2007 18:30	02/07/2007 20:00	02/08/2007 04:13
EPA 7199	1	02/07/2007 13:05	02/07/2007 18:30	02/07/2007 21:30	02/08/2007 00:01
SM 3500-Fe D	1	02/07/2007 13:05	02/07/2007 18:30	02/08/2007 16:00	02/08/2007 16:00
Sample ID: MW-201-0207 (IQB0660-08) - Water					
EPA 7199	1	02/07/2007 14:25	02/07/2007 18:30	02/07/2007 21:30	02/08/2007 00:12

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14136 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14136-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*10.5*		*ug/l*	*10.0*		*105*	*65-140*			
LCS Analyzed: 02/14/2007 (7B14136-BS1)										
GRO (C4 - C12)	779	50	ug/l	800		97	85-115			
Surrogate 4-BFB (FID)	*12.7*		*ug/l*	*10.0*		*127*	*65-140*			
Matrix Spike Analyzed: 02/14/2007 (7B14136-MS1)					**Source: IQB0761-01**					
GRO (C4 - C12)	209	50	ug/l	220	ND	95	65-140			
Surrogate 4-BFB (FID)	*12.0*		*ug/l*	*10.0*		*120*	*65-140*			
Matrix Spike Dup Analyzed: 02/14/2007 (7B14136-MSD1)					**Source: IQB0761-01**					
GRO (C4 - C12)	245	50	ug/l	220	ND	111	65-140	16	20	
Surrogate 4-BFB (FID)	*13.9*		*ug/l*	*10.0*		*139*	*65-140*			
Batch: 7B15049 Extracted: 02/15/07										
Blank Analyzed: 02/15/2007 (7B15049-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*8.70*		*ug/l*	*10.0*		*87*	*65-140*			
LCS Analyzed: 02/15/2007 (7B15049-BS1)										
GRO (C4 - C12)	722	50	ug/l	800		90	85-115			
Surrogate 4-BFB (FID)	*13.3*		*ug/l*	*10.0*		*133*	*65-140*			
Matrix Spike Analyzed: 02/15/2007 (7B15049-MS1)					**Source: IQB0525-01**					
GRO (C4 - C12)	678	50	ug/l	220	430	113	65-140			
Surrogate 4-BFB (FID)	*13.5*		*ug/l*	*10.0*		*135*	*65-140*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15049 Extracted: 02/15/07										
Matrix Spike Dup Analyzed: 02/15/2007 (7B15049-MSD1)					**Source: IQB0525-01**					
GRO (C4 - C12)	681	50	ug/l	220	430	114	65-140	0	20	
Surrogate 4-BFB (FID)	*13.2*		*ug/l*	*10.0*		*132*	*65-140*			
Batch: 7B15050 Extracted: 02/15/07										
Blank Analyzed: 02/15/2007 (7B15050-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*9.39*		*ug/l*	*10.0*		*94*	*65-140*			
LCS Analyzed: 02/15/2007 (7B15050-BS1)										
GRO (C4 - C12)	794	50	ug/l	800		99	85-115			
Surrogate 4-BFB (FID)	*12.6*		*ug/l*	*10.0*		*126*	*65-140*			
Matrix Spike Analyzed: 02/15/2007 (7B15050-MS1)					**Source: IQB0542-10**					
GRO (C4 - C12)	194	50	ug/l	220	ND	88	65-140			
Surrogate 4-BFB (FID)	*9.88*		*ug/l*	*10.0*		*99*	*65-140*			
Matrix Spike Dup Analyzed: 02/15/2007 (7B15050-MSD1)					**Source: IQB0542-10**					
GRO (C4 - C12)	206	50	ug/l	220	ND	94	65-140	6	20	
Surrogate 4-BFB (FID)	*11.4*		*ug/l*	*10.0*		*114*	*65-140*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B10012 Extracted: 02/10/07										
Blank Analyzed: 02/10/2007 (7B10012-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B10012 Extracted: 02/10/07										
Blank Analyzed: 02/10/2007 (7B10012-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*27.8*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate Toluene-d8	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B10012 Extracted: 02/10/07										
LCS Analyzed: 02/10/2007 (7B10012-BS1)										
Benzene	29.0	2.0	ug/l	25.0		116	70-120			
Bromobenzene	26.8	5.0	ug/l	25.0		107	75-120			
Bromochloromethane	29.2	5.0	ug/l	25.0		117	70-130			
Bromodichloromethane	28.8	2.0	ug/l	25.0		115	70-135			
Bromoform	28.8	5.0	ug/l	25.0		115	55-130			
Bromomethane	31.0	5.0	ug/l	25.0		124	65-140			
n-Butylbenzene	30.7	5.0	ug/l	25.0		123	70-130			
sec-Butylbenzene	29.4	5.0	ug/l	25.0		118	70-125			
tert-Butylbenzene	28.6	5.0	ug/l	25.0		114	70-125			
Carbon tetrachloride	26.9	5.0	ug/l	25.0		108	65-140			
Chlorobenzene	29.2	2.0	ug/l	25.0		117	75-120			
Chloroethane	31.8	5.0	ug/l	25.0		127	60-140			
Chloroform	30.2	2.0	ug/l	25.0		121	70-130			
Chloromethane	31.3	5.0	ug/l	25.0		125	50-140			
2-Chlorotoluene	30.4	5.0	ug/l	25.0		122	70-125			
4-Chlorotoluene	30.9	5.0	ug/l	25.0		124	75-125			
Dibromochloromethane	29.4	2.0	ug/l	25.0		118	70-140			
1,2-Dibromo-3-chloropropane	28.7	5.0	ug/l	25.0		115	50-135			
1,2-Dibromoethane (EDB)	30.1	2.0	ug/l	25.0		120	75-125			
Dibromomethane	29.0	2.0	ug/l	25.0		116	70-125			
1,2-Dichlorobenzene	28.4	2.0	ug/l	25.0		114	75-120			
1,3-Dichlorobenzene	28.9	2.0	ug/l	25.0		116	75-120			
1,4-Dichlorobenzene	28.4	2.0	ug/l	25.0		114	75-120			
Dichlorodifluoromethane	29.8	5.0	ug/l	25.0		119	35-155			
1,1-Dichloroethane	30.2	2.0	ug/l	25.0		121	70-125			
1,2-Dichloroethane	29.0	2.0	ug/l	25.0		116	60-140			
1,1-Dichloroethene	27.1	5.0	ug/l	25.0		108	70-125			
cis-1,2-Dichloroethene	31.0	2.0	ug/l	25.0		124	70-125			
trans-1,2-Dichloroethene	30.3	2.0	ug/l	25.0		121	70-125			
1,2-Dichloropropane	30.5	2.0	ug/l	25.0		122	70-125			
1,3-Dichloropropane	31.0	2.0	ug/l	25.0		124	70-120			*L*
2,2-Dichloropropane	30.4	2.0	ug/l	25.0		122	65-140			
1,1-Dichloropropene	28.4	2.0	ug/l	25.0		114	75-130			
cis-1,3-Dichloropropene	27.8	2.0	ug/l	25.0		111	75-125			
trans-1,3-Dichloropropene	27.5	2.0	ug/l	25.0		110	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B10012 Extracted: 02/10/07										
LCS Analyzed: 02/10/2007 (7B10012-BS1)										
Ethylbenzene	30.3	2.0	ug/l	25.0		121	75-125			
Hexachlorobutadiene	24.9	5.0	ug/l	25.0		100	65-135			
Isopropylbenzene	33.1	2.0	ug/l	25.0		132	75-130			*L*
p-Isopropyltoluene	29.1	2.0	ug/l	25.0		116	75-125			
Methylene chloride	29.8	5.0	ug/l	25.0		119	55-130			
Naphthalene	27.9	5.0	ug/l	25.0		112	55-135			
n-Propylbenzene	30.8	2.0	ug/l	25.0		123	75-130			
Styrene	31.5	2.0	ug/l	25.0		126	75-130			
1,1,1,2-Tetrachloroethane	28.8	5.0	ug/l	25.0		115	70-130			
1,1,2,2-Tetrachloroethane	32.2	2.0	ug/l	25.0		129	55-130			
Tetrachloroethene	27.3	2.0	ug/l	25.0		109	70-125			
Toluene	28.6	2.0	ug/l	25.0		114	70-120			
1,2,3-Trichlorobenzene	26.3	5.0	ug/l	25.0		105	65-125			
1,2,4-Trichlorobenzene	27.0	5.0	ug/l	25.0		108	70-135			
1,1,1-Trichloroethane	28.5	2.0	ug/l	25.0		114	65-135			
1,1,2-Trichloroethane	29.8	2.0	ug/l	25.0		119	70-125			
Trichloroethene	27.4	2.0	ug/l	25.0		110	70-125			
Trichlorofluoromethane	31.2	5.0	ug/l	25.0		125	65-145			
1,2,3-Trichloropropane	31.7	10	ug/l	25.0		127	60-130			
1,2,4-Trimethylbenzene	30.7	2.0	ug/l	25.0		123	75-125			
1,3,5-Trimethylbenzene	30.9	2.0	ug/l	25.0		124	75-125			
Vinyl chloride	30.6	5.0	ug/l	25.0		122	55-135			
o-Xylene	31.3	2.0	ug/l	25.0		125	75-125			
m,p-Xylenes	61.0	2.0	ug/l	50.0		122	75-125			
Xylenes, Total	92.3	4.0	ug/l	75.0		123	70-125			
Di-isopropyl Ether (DIPE)	32.9	5.0	ug/l	25.0		132	60-135			
Ethyl tert-Butyl Ether (ETBE)	30.0	5.0	ug/l	25.0		120	65-135			
tert-Amyl Methyl Ether (TAME)	31.1	5.0	ug/l	25.0		124	60-135			
Methyl-tert-butyl Ether (MTBE)	29.2	5.0	ug/l	25.0		117	60-135			
tert-Butanol (TBA)	140	50	ug/l	125		112	70-135			
Surrogate Dibromofluoromethane	*28.3*		*ug/l*	*25.0*		*113*	*80-120*			
Surrogate Toluene-d8	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*28.2*		*ug/l*	*25.0*		*113*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B10012 Extracted: 02/10/07										
Matrix Spike Analyzed: 02/10/2007 (7B10012-MS1)					**Source: IQB0660-01**					
Benzene	37.6	2.0	ug/l	25.0	9.8	111	65-125			
Bromobenzene	27.1	5.0	ug/l	25.0	ND	108	70-125			
Bromochloromethane	28.4	5.0	ug/l	25.0	ND	114	65-135			
Bromodichloromethane	28.4	2.0	ug/l	25.0	ND	114	70-135			
Bromoform	27.0	5.0	ug/l	25.0	ND	108	55-135			
Bromomethane	32.0	5.0	ug/l	25.0	ND	128	55-145			
n-Butylbenzene	33.0	5.0	ug/l	25.0	1.4	126	65-135			
sec-Butylbenzene	32.4	5.0	ug/l	25.0	2.9	118	70-125			
tert-Butylbenzene	29.8	5.0	ug/l	25.0	1.0	115	65-130			
Carbon tetrachloride	26.2	5.0	ug/l	25.0	ND	105	65-140			
Chlorobenzene	29.4	2.0	ug/l	25.0	ND	118	75-125			
Chloroethane	32.9	5.0	ug/l	25.0	ND	132	55-140			
Chloroform	29.2	2.0	ug/l	25.0	ND	117	65-135			
Chloromethane	37.1	5.0	ug/l	25.0	ND	148	45-145			*M1*
2-Chlorotoluene	30.3	5.0	ug/l	25.0	ND	121	65-135			
4-Chlorotoluene	30.6	5.0	ug/l	25.0	ND	122	70-135			
Dibromochloromethane	28.6	2.0	ug/l	25.0	ND	114	65-140			
1,2-Dibromo-3-chloropropane	30.1	5.0	ug/l	25.0	ND	120	45-145			
1,2-Dibromoethane (EDB)	28.2	2.0	ug/l	25.0	ND	113	70-130			
Dibromomethane	28.1	2.0	ug/l	25.0	ND	112	65-135			
1,2-Dichlorobenzene	29.1	2.0	ug/l	25.0	ND	116	75-125			
1,3-Dichlorobenzene	29.5	2.0	ug/l	25.0	ND	118	75-125			
1,4-Dichlorobenzene	29.0	2.0	ug/l	25.0	ND	116	75-125			
Dichlorodifluoromethane	30.4	5.0	ug/l	25.0	ND	122	25-155			
1,1-Dichloroethane	30.3	2.0	ug/l	25.0	0.31	120	65-130			
1,2-Dichloroethane	28.0	2.0	ug/l	25.0	ND	112	60-140			
1,1-Dichloroethene	26.6	5.0	ug/l	25.0	ND	106	60-130			
cis-1,2-Dichloroethene	31.2	2.0	ug/l	25.0	0.44	123	65-130			
trans-1,2-Dichloroethene	30.8	2.0	ug/l	25.0	ND	123	65-130			
1,2-Dichloropropane	31.5	2.0	ug/l	25.0	ND	126	65-130			
1,3-Dichloropropane	29.7	2.0	ug/l	25.0	ND	119	65-135			
2,2-Dichloropropane	30.7	2.0	ug/l	25.0	ND	123	60-145			
1,1-Dichloropropene	28.6	2.0	ug/l	25.0	ND	114	70-135			
cis-1,3-Dichloropropene	28.1	2.0	ug/l	25.0	ND	112	70-130			
trans-1,3-Dichloropropene	28.0	2.0	ug/l	25.0	ND	112	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B10012 Extracted: 02/10/07										
Matrix Spike Analyzed: 02/10/2007 (7B10012-MS1)					**Source: IQB0660-01**					
Ethylbenzene	30.5	2.0	ug/l	25.0	0.31	121	65-130			
Hexachlorobutadiene	26.2	5.0	ug/l	25.0	ND	105	60-135			
Isopropylbenzene	44.4	2.0	ug/l	25.0	13	126	70-135			
p-Isopropyltoluene	30.4	2.0	ug/l	25.0	0.30	120	65-130			
Methylene chloride	29.6	5.0	ug/l	25.0	ND	118	50-135			
Naphthalene	29.6	5.0	ug/l	25.0	0.66	116	50-140			
n-Propylbenzene	37.2	2.0	ug/l	25.0	7.0	121	70-135			
Styrene	32.1	2.0	ug/l	25.0	ND	128	50-145			
1,1,1,2-Tetrachloroethane	28.6	5.0	ug/l	25.0	ND	114	65-140			
1,1,2,2-Tetrachloroethane	30.4	2.0	ug/l	25.0	ND	122	55-135			
Tetrachloroethene	27.2	2.0	ug/l	25.0	ND	109	65-130			
Toluene	29.4	2.0	ug/l	25.0	0.60	115	70-125			
1,2,3-Trichlorobenzene	29.1	5.0	ug/l	25.0	ND	116	60-135			
1,2,4-Trichlorobenzene	30.0	5.0	ug/l	25.0	ND	120	65-135			
1,1,1-Trichloroethane	27.8	2.0	ug/l	25.0	ND	111	65-140			
1,1,2-Trichloroethane	30.7	2.0	ug/l	25.0	ND	123	65-130			
Trichloroethene	27.5	2.0	ug/l	25.0	ND	110	65-125			
Trichlorofluoromethane	28.9	5.0	ug/l	25.0	ND	116	60-145			
1,2,3-Trichloropropane	29.2	10	ug/l	25.0	ND	117	55-135			
1,2,4-Trimethylbenzene	32.0	2.0	ug/l	25.0	0.48	126	55-135			
1,3,5-Trimethylbenzene	31.8	2.0	ug/l	25.0	0.36	126	70-130			
Vinyl chloride	34.2	5.0	ug/l	25.0	1.6	130	45-140			
o-Xylene	31.6	2.0	ug/l	25.0	0.67	124	65-125			
m,p-Xylenes	63.1	2.0	ug/l	50.0	1.2	124	65-130			
Xylenes, Total	94.7	4.0	ug/l	75.0	1.8	124	60-130			
Di-isopropyl Ether (DIPE)	33.7	5.0	ug/l	25.0	ND	135	60-140			
Ethyl tert-Butyl Ether (ETBE)	30.3	5.0	ug/l	25.0	ND	121	60-135			
tert-Amyl Methyl Ether (TAME)	30.8	5.0	ug/l	25.0	ND	123	60-140			
Methyl-tert-butyl Ether (MTBE)	49.9	5.0	ug/l	25.0	20	120	55-145			
tert-Butanol (TBA)	206	50	ug/l	125	60	117	65-140			
Surrogate Dibromofluoromethane	*28.0*		*ug/l*	*25.0*		*112*	*80-120*			
Surrogate Toluene-d8	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*28.0*		*ug/l*	*25.0*		*112*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B10012 Extracted: 02/10/07										
Matrix Spike Dup Analyzed: 02/10/2007 (7B10012-MSD1)					**Source: IQB0660-01**					
Benzene	37.7	2.0	ug/l	25.0	9.8	112	65-125	0	20	
Bromobenzene	27.7	5.0	ug/l	25.0	ND	111	70-125	2	20	
Bromochloromethane	30.0	5.0	ug/l	25.0	ND	120	65-135	5	25	
Bromodichloromethane	29.5	2.0	ug/l	25.0	ND	118	70-135	4	20	
Bromoform	29.2	5.0	ug/l	25.0	ND	117	55-135	8	25	
Bromomethane	31.7	5.0	ug/l	25.0	ND	127	55-145	1	25	
n-Butylbenzene	32.0	5.0	ug/l	25.0	1.4	122	65-135	3	20	
sec-Butylbenzene	31.6	5.0	ug/l	25.0	2.9	115	70-125	3	20	
tert-Butylbenzene	29.5	5.0	ug/l	25.0	1.0	114	65-130	1	20	
Carbon tetrachloride	25.9	5.0	ug/l	25.0	ND	104	65-140	1	25	
Chlorobenzene	29.5	2.0	ug/l	25.0	ND	118	75-125	0	20	
Chloroethane	32.4	5.0	ug/l	25.0	ND	130	55-140	2	25	
Chloroform	29.2	2.0	ug/l	25.0	ND	117	65-135	0	20	
Chloromethane	36.9	5.0	ug/l	25.0	ND	148	45-145	1	25	*M1*
2-Chlorotoluene	30.0	5.0	ug/l	25.0	ND	120	65-135	1	20	
4-Chlorotoluene	30.8	5.0	ug/l	25.0	ND	123	70-135	1	20	
Dibromochloromethane	30.0	2.0	ug/l	25.0	ND	120	65-140	5	25	
1,2-Dibromo-3-chloropropane	33.0	5.0	ug/l	25.0	ND	132	45-145	9	30	
1,2-Dibromoethane (EDB)	30.3	2.0	ug/l	25.0	ND	121	70-130	7	25	
Dibromomethane	30.5	2.0	ug/l	25.0	ND	122	65-135	8	25	
1,2-Dichlorobenzene	29.0	2.0	ug/l	25.0	ND	116	75-125	0	20	
1,3-Dichlorobenzene	29.7	2.0	ug/l	25.0	ND	119	75-125	1	20	
1,4-Dichlorobenzene	29.1	2.0	ug/l	25.0	ND	116	75-125	0	20	
Dichlorodifluoromethane	29.5	5.0	ug/l	25.0	ND	118	25-155	3	30	
1,1-Dichloroethane	30.4	2.0	ug/l	25.0	0.31	120	65-130	0	20	
1,2-Dichloroethane	29.0	2.0	ug/l	25.0	ND	116	60-140	4	20	
1,1-Dichloroethene	26.3	5.0	ug/l	25.0	ND	105	60-130	1	20	
cis-1,2-Dichloroethene	31.8	2.0	ug/l	25.0	0.44	125	65-130	2	20	
trans-1,2-Dichloroethene	30.6	2.0	ug/l	25.0	ND	122	65-130	1	20	
1,2-Dichloropropane	32.6	2.0	ug/l	25.0	ND	130	65-130	3	20	
1,3-Dichloropropane	31.3	2.0	ug/l	25.0	ND	125	65-135	5	25	
2,2-Dichloropropane	29.6	2.0	ug/l	25.0	ND	118	60-145	4	25	
1,1-Dichloropropene	28.7	2.0	ug/l	25.0	ND	115	70-135	0	20	
cis-1,3-Dichloropropene	28.9	2.0	ug/l	25.0	ND	116	70-130	3	20	
trans-1,3-Dichloropropene	29.1	2.0	ug/l	25.0	ND	116	65-135	4	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B10012 Extracted: 02/10/07										
Matrix Spike Dup Analyzed: 02/10/2007 (7B10012-MSD1)					**Source: IQB0660-01**					
Ethylbenzene	30.4	2.0	ug/l	25.0	0.31	120	65-130	0	20	
Hexachlorobutadiene	23.8	5.0	ug/l	25.0	ND	95	60-135	10	20	
Isopropylbenzene	43.8	2.0	ug/l	25.0	13	123	70-135	1	20	
p-Isopropyltoluene	29.5	2.0	ug/l	25.0	0.30	117	65-130	3	20	
Methylene chloride	30.4	5.0	ug/l	25.0	ND	122	50-135	3	20	
Naphthalene	30.9	5.0	ug/l	25.0	0.66	121	50-140	4	30	
n-Propylbenzene	36.2	2.0	ug/l	25.0	7.0	117	70-135	3	20	
Styrene	32.5	2.0	ug/l	25.0	ND	130	50-145	1	30	
1,1,1,2-Tetrachloroethane	28.8	5.0	ug/l	25.0	ND	115	65-140	1	20	
1,1,2,2-Tetrachloroethane	33.5	2.0	ug/l	25.0	ND	134	55-135	10	30	
Tetrachloroethene	27.2	2.0	ug/l	25.0	ND	109	65-130	0	20	
Toluene	29.8	2.0	ug/l	25.0	0.60	117	70-125	1	20	
1,2,3-Trichlorobenzene	27.7	5.0	ug/l	25.0	ND	111	60-135	5	20	
1,2,4-Trichlorobenzene	28.3	5.0	ug/l	25.0	ND	113	65-135	6	20	
1,1,1-Trichloroethane	27.6	2.0	ug/l	25.0	ND	110	65-140	1	20	
1,1,2-Trichloroethane	32.7	2.0	ug/l	25.0	ND	131	65-130	6	25	*M1*
Trichloroethene	28.0	2.0	ug/l	25.0	ND	112	65-125	2	20	
Trichlorofluoromethane	28.0	5.0	ug/l	25.0	ND	112	60-145	3	25	
1,2,3-Trichloropropane	32.6	10	ug/l	25.0	ND	130	55-135	11	30	
1,2,4-Trimethylbenzene	31.5	2.0	ug/l	25.0	0.48	124	55-135	2	25	
1,3,5-Trimethylbenzene	31.2	2.0	ug/l	25.0	0.36	123	70-130	2	20	
Vinyl chloride	32.8	5.0	ug/l	25.0	1.6	125	45-140	4	30	
o-Xylene	31.8	2.0	ug/l	25.0	0.67	125	65-125	1	20	
m,p-Xylenes	62.6	2.0	ug/l	50.0	1.2	123	65-130	1	25	
Xylenes, Total	94.5	4.0	ug/l	75.0	1.8	124	60-130	0	20	
Di-isopropyl Ether (DIPE)	34.6	5.0	ug/l	25.0	ND	138	60-140	3	25	
Ethyl tert-Butyl Ether (ETBE)	32.0	5.0	ug/l	25.0	ND	128	60-135	5	25	
tert-Amyl Methyl Ether (TAME)	33.0	5.0	ug/l	25.0	ND	132	60-140	7	30	
Methyl-tert-butyl Ether (MTBE)	54.1	5.0	ug/l	25.0	20	136	55-145	8	25	
tert-Butanol (TBA)	190	50	ug/l	125	60	104	65-140	8	25	
Surrogate Dibromofluoromethane	*27.8*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*28.3*		*ug/l*	*25.0*		*113*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Blank Analyzed: 02/11/2007 (7B11009-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Blank Analyzed: 02/11/2007 (7B11009-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate Toluene-d8	*27.6*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate 4-Bromofluorobenzene	*21.3*		*ug/l*	*25.0*		*85*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
LCS Analyzed: 02/11/2007 (7B11009-BS1)										
Benzene	23.8	2.0	ug/l	25.0		95	70-120			
Bromobenzene	26.3	5.0	ug/l	25.0		105	75-120			
Bromochloromethane	23.4	5.0	ug/l	25.0		94	70-130			
Bromodichloromethane	24.7	2.0	ug/l	25.0		99	70-135			
Bromoform	24.1	5.0	ug/l	25.0		96	55-130			
Bromomethane	26.1	5.0	ug/l	25.0		104	65-140			
n-Butylbenzene	27.5	5.0	ug/l	25.0		110	70-130			
sec-Butylbenzene	28.2	5.0	ug/l	25.0		113	70-125			
tert-Butylbenzene	28.0	5.0	ug/l	25.0		112	70-125			
Carbon tetrachloride	22.6	5.0	ug/l	25.0		90	65-140			
Chlorobenzene	24.7	2.0	ug/l	25.0		99	75-120			
Chloroethane	25.6	5.0	ug/l	25.0		102	60-140			
Chloroform	24.4	2.0	ug/l	25.0		98	70-130			
Chloromethane	29.6	5.0	ug/l	25.0		118	50-140			
2-Chlorotoluene	28.7	5.0	ug/l	25.0		115	70-125			
4-Chlorotoluene	27.1	5.0	ug/l	25.0		108	75-125			
Dibromochloromethane	25.5	2.0	ug/l	25.0		102	70-140			
1,2-Dibromo-3-chloropropane	28.1	5.0	ug/l	25.0		112	50-135			
1,2-Dibromoethane (EDB)	24.0	2.0	ug/l	25.0		96	75-125			
Dibromomethane	23.8	2.0	ug/l	25.0		95	70-125			
1,2-Dichlorobenzene	27.2	2.0	ug/l	25.0		109	75-120			
1,3-Dichlorobenzene	26.3	2.0	ug/l	25.0		105	75-120			
1,4-Dichlorobenzene	25.4	2.0	ug/l	25.0		102	75-120			
Dichlorodifluoromethane	28.6	5.0	ug/l	25.0		114	35-155			
1,1-Dichloroethane	24.8	2.0	ug/l	25.0		99	70-125			
1,2-Dichloroethane	23.6	2.0	ug/l	25.0		94	60-140			
1,1-Dichloroethene	22.6	5.0	ug/l	25.0		90	70-125			
cis-1,2-Dichloroethene	24.6	2.0	ug/l	25.0		98	70-125			
trans-1,2-Dichloroethene	24.9	2.0	ug/l	25.0		100	70-125			
1,2-Dichloropropane	26.0	2.0	ug/l	25.0		104	70-125			
1,3-Dichloropropane	25.3	2.0	ug/l	25.0		101	70-120			
2,2-Dichloropropane	24.6	2.0	ug/l	25.0		98	65-140			
1,1-Dichloropropene	25.0	2.0	ug/l	25.0		100	75-130			
cis-1,3-Dichloropropene	21.9	2.0	ug/l	25.0		88	75-125			
trans-1,3-Dichloropropene	20.7	2.0	ug/l	25.0		83	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
LCS Analyzed: 02/11/2007 (7B11009-BS1)										
Ethylbenzene	26.0	2.0	ug/l	25.0		104	75-125			
Hexachlorobutadiene	25.9	5.0	ug/l	25.0		104	65-135			
Isopropylbenzene	33.5	2.0	ug/l	25.0		134	75-130			*L*
p-Isopropyltoluene	28.4	2.0	ug/l	25.0		114	75-125			
Methylene chloride	22.4	5.0	ug/l	25.0		90	55-130			
Naphthalene	24.6	5.0	ug/l	25.0		98	55-135			
n-Propylbenzene	29.7	2.0	ug/l	25.0		119	75-130			
Styrene	24.2	2.0	ug/l	25.0		97	75-130			
1,1,1,2-Tetrachloroethane	25.1	5.0	ug/l	25.0		100	70-130			
1,1,2,2-Tetrachloroethane	33.9	2.0	ug/l	25.0		136	55-130			*L*
Tetrachloroethene	24.8	2.0	ug/l	25.0		99	70-125			
Toluene	24.4	2.0	ug/l	25.0		98	70-120			
1,2,3-Trichlorobenzene	24.0	5.0	ug/l	25.0		96	65-125			
1,2,4-Trichlorobenzene	23.7	5.0	ug/l	25.0		95	70-135			
1,1,1-Trichloroethane	23.5	2.0	ug/l	25.0		94	65-135			
1,1,2-Trichloroethane	25.6	2.0	ug/l	25.0		102	70-125			
Trichloroethene	24.2	2.0	ug/l	25.0		97	70-125			
Trichlorofluoromethane	25.2	5.0	ug/l	25.0		101	65-145			
1,2,3-Trichloropropane	31.0	10	ug/l	25.0		124	60-130			
1,2,4-Trimethylbenzene	27.4	2.0	ug/l	25.0		110	75-125			
1,3,5-Trimethylbenzene	29.4	2.0	ug/l	25.0		118	75-125			
Vinyl chloride	26.2	5.0	ug/l	25.0		105	55-135			
o-Xylene	25.3	2.0	ug/l	25.0		101	75-125			
m,p-Xylenes	53.1	2.0	ug/l	50.0		106	75-125			
Xylenes, Total	78.4	4.0	ug/l	75.0		105	70-125			
Di-isopropyl Ether (DIPE)	26.1	5.0	ug/l	25.0		104	60-135			
Ethyl tert-Butyl Ether (ETBE)	24.2	5.0	ug/l	25.0		97	65-135			
tert-Amyl Methyl Ether (TAME)	24.9	5.0	ug/l	25.0		100	60-135			
Methyl-tert-butyl Ether (MTBE)	24.4	5.0	ug/l	25.0		98	60-135			
tert-Butanol (TBA)	115	50	ug/l	125		92	70-135			
Surrogate Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate Toluene-d8	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*23.9*		*ug/l*	*25.0*		*96*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Matrix Spike Analyzed: 02/11/2007 (7B11009-MS1)					**Source: IQB0679-09**					
Benzene	31.2	2.0	ug/l	25.0	6.2	100	65-125			
Bromobenzene	27.2	5.0	ug/l	25.0	ND	109	70-125			
Bromochloromethane	25.6	5.0	ug/l	25.0	ND	102	65-135			
Bromodichloromethane	26.6	2.0	ug/l	25.0	ND	106	70-135			
Bromoform	25.3	5.0	ug/l	25.0	ND	101	55-135			
Bromomethane	25.3	5.0	ug/l	25.0	ND	101	55-145			
n-Butylbenzene	29.6	5.0	ug/l	25.0	ND	118	65-135			
sec-Butylbenzene	29.8	5.0	ug/l	25.0	1.7	112	70-125			
tert-Butylbenzene	28.1	5.0	ug/l	25.0	ND	112	65-130			
Carbon tetrachloride	24.1	5.0	ug/l	25.0	ND	96	65-140			
Chlorobenzene	25.9	2.0	ug/l	25.0	ND	104	75-125			
Chloroethane	26.9	5.0	ug/l	25.0	ND	108	55-140			
Chloroform	25.5	2.0	ug/l	25.0	ND	102	65-135			
Chloromethane	28.8	5.0	ug/l	25.0	ND	115	45-145			
2-Chlorotoluene	31.2	5.0	ug/l	25.0	ND	125	65-135			
4-Chlorotoluene	29.1	5.0	ug/l	25.0	ND	116	70-135			
Dibromochloromethane	27.6	2.0	ug/l	25.0	ND	110	65-140			
1,2-Dibromo-3-chloropropane	31.2	5.0	ug/l	25.0	ND	125	45-145			
1,2-Dibromoethane (EDB)	26.3	2.0	ug/l	25.0	ND	105	70-130			
Dibromomethane	25.5	2.0	ug/l	25.0	ND	102	65-135			
1,2-Dichlorobenzene	27.9	2.0	ug/l	25.0	ND	112	75-125			
1,3-Dichlorobenzene	27.0	2.0	ug/l	25.0	ND	108	75-125			
1,4-Dichlorobenzene	26.2	2.0	ug/l	25.0	ND	105	75-125			
Dichlorodifluoromethane	32.9	5.0	ug/l	25.0	ND	132	25-155			
1,1-Dichloroethane	26.0	2.0	ug/l	25.0	ND	104	65-130			
1,2-Dichloroethane	112	2.0	ug/l	25.0	85	108	60-140			
1,1-Dichloroethene	23.2	5.0	ug/l	25.0	ND	93	60-130			
cis-1,2-Dichloroethene	26.0	2.0	ug/l	25.0	ND	104	65-130			
trans-1,2-Dichloroethene	25.6	2.0	ug/l	25.0	ND	102	65-130			
1,2-Dichloropropane	28.1	2.0	ug/l	25.0	ND	112	65-130			
1,3-Dichloropropane	26.4	2.0	ug/l	25.0	ND	106	65-135			
2,2-Dichloropropane	25.4	2.0	ug/l	25.0	ND	102	60-145			
1,1-Dichloropropene	26.6	2.0	ug/l	25.0	ND	106	70-135			
cis-1,3-Dichloropropene	23.8	2.0	ug/l	25.0	ND	95	70-130			
trans-1,3-Dichloropropene	23.0	2.0	ug/l	25.0	ND	92	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Matrix Spike Analyzed: 02/11/2007 (7B11009-MS1)					**Source: IQB0679-09**					
Ethylbenzene	37.9	2.0	ug/l	25.0	11	108	65-130			
Hexachlorobutadiene	27.6	5.0	ug/l	25.0	ND	110	60-135			
p-Isopropyltoluene	29.2	2.0	ug/l	25.0	0.33	115	65-130			
Methylene chloride	24.2	5.0	ug/l	25.0	ND	97	50-135			
Naphthalene	48.7	5.0	ug/l	25.0	21	111	50-140			
n-Propylbenzene	32.2	2.0	ug/l	25.0	3.5	115	70-135			
Styrene	2.45	2.0	ug/l	25.0	ND	10	50-145			*M2*
1,1,1,2-Tetrachloroethane	27.1	5.0	ug/l	25.0	ND	108	65-140			
1,1,2,2-Tetrachloroethane	31.8	2.0	ug/l	25.0	ND	127	55-135			
Tetrachloroethene	26.6	2.0	ug/l	25.0	0.60	104	65-130			
Toluene	35.4	2.0	ug/l	25.0	8.9	106	70-125			
1,2,3-Trichlorobenzene	26.7	5.0	ug/l	25.0	ND	107	60-135			
1,2,4-Trichlorobenzene	25.8	5.0	ug/l	25.0	ND	103	65-135			
1,1,1-Trichloroethane	25.2	2.0	ug/l	25.0	ND	101	65-140			
1,1,2-Trichloroethane	28.4	2.0	ug/l	25.0	ND	114	65-130			
Trichloroethene	26.8	2.0	ug/l	25.0	ND	107	65-125			
Trichlorofluoromethane	26.1	5.0	ug/l	25.0	ND	104	60-145			
1,2,3-Trichloropropane	32.0	10	ug/l	25.0	ND	128	55-135			
1,2,4-Trimethylbenzene	47.8	2.0	ug/l	25.0	22	103	55-135			
1,3,5-Trimethylbenzene	44.2	2.0	ug/l	25.0	18	105	70-130			
Vinyl chloride	26.3	5.0	ug/l	25.0	ND	105	45-140			
o-Xylene	71.8	2.0	ug/l	25.0	47	99	65-125			
m,p-Xylenes	60.9	2.0	ug/l	50.0	6.2	109	65-130			
Xylenes, Total	133	4.0	ug/l	75.0	53	107	60-130			
Di-isopropyl Ether (DIPE)	30.3	5.0	ug/l	25.0	2.3	112	60-140			
Ethyl tert-Butyl Ether (ETBE)	26.8	5.0	ug/l	25.0	ND	107	60-135			
tert-Amyl Methyl Ether (TAME)	28.1	5.0	ug/l	25.0	0.66	110	60-140			
Methyl-tert-butyl Ether (MTBE)	226	5.0	ug/l	25.0	190	144	55-145			*MHA*
tert-Butanol (TBA)	206	50	ug/l	125	81	100	65-140			
Surrogate Dibromofluoromethane	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate Toluene-d8	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Matrix Spike Dup Analyzed: 02/11/2007 (7B11009-MSD1)					**Source: IQB0679-09**					
Benzene	31.3	2.0	ug/l	25.0	6.2	100	65-125	0	20	
Bromobenzene	28.8	5.0	ug/l	25.0	ND	115	70-125	6	20	
Bromochloromethane	25.0	5.0	ug/l	25.0	ND	100	65-135	2	25	
Bromodichloromethane	27.2	2.0	ug/l	25.0	ND	109	70-135	2	20	
Bromoform	27.1	5.0	ug/l	25.0	ND	108	55-135	7	25	
Bromomethane	25.1	5.0	ug/l	25.0	ND	100	55-145	1	25	
n-Butylbenzene	32.0	5.0	ug/l	25.0	ND	128	65-135	8	20	
sec-Butylbenzene	31.8	5.0	ug/l	25.0	1.7	120	70-125	6	20	
tert-Butylbenzene	29.8	5.0	ug/l	25.0	ND	119	65-130	6	20	
Carbon tetrachloride	24.8	5.0	ug/l	25.0	ND	99	65-140	3	25	
Chlorobenzene	27.0	2.0	ug/l	25.0	ND	108	75-125	4	20	
Chloroethane	26.2	5.0	ug/l	25.0	ND	105	55-140	3	25	
Chloroform	25.3	2.0	ug/l	25.0	ND	101	65-135	1	20	
Chloromethane	27.9	5.0	ug/l	25.0	ND	112	45-145	3	25	
2-Chlorotoluene	33.0	5.0	ug/l	25.0	ND	132	65-135	6	20	
4-Chlorotoluene	30.5	5.0	ug/l	25.0	ND	122	70-135	5	20	
Dibromochloromethane	28.1	2.0	ug/l	25.0	ND	112	65-140	2	25	
1,2-Dibromo-3-chloropropane	33.1	5.0	ug/l	25.0	ND	132	45-145	6	30	
1,2-Dibromoethane (EDB)	26.0	2.0	ug/l	25.0	ND	104	70-130	1	25	
Dibromomethane	25.3	2.0	ug/l	25.0	ND	101	65-135	1	25	
1,2-Dichlorobenzene	30.4	2.0	ug/l	25.0	ND	122	75-125	9	20	
1,3-Dichlorobenzene	28.8	2.0	ug/l	25.0	ND	115	75-125	6	20	
1,4-Dichlorobenzene	28.8	2.0	ug/l	25.0	ND	115	75-125	9	20	
Dichlorodifluoromethane	31.4	5.0	ug/l	25.0	ND	126	25-155	5	30	
1,1-Dichloroethane	25.4	2.0	ug/l	25.0	ND	102	65-130	2	20	
1,2-Dichloroethane	112	2.0	ug/l	25.0	85	108	60-140	0	20	
1,1-Dichloroethene	23.0	5.0	ug/l	25.0	ND	92	60-130	1	20	
cis-1,2-Dichloroethene	26.2	2.0	ug/l	25.0	ND	105	65-130	1	20	
trans-1,2-Dichloroethene	25.4	2.0	ug/l	25.0	ND	102	65-130	1	20	
1,2-Dichloropropane	27.9	2.0	ug/l	25.0	ND	112	65-130	1	20	
1,3-Dichloropropane	27.4	2.0	ug/l	25.0	ND	110	65-135	4	25	
2,2-Dichloropropane	24.4	2.0	ug/l	25.0	ND	98	60-145	4	25	
1,1-Dichloropropene	27.0	2.0	ug/l	25.0	ND	108	70-135	1	20	
cis-1,3-Dichloropropene	23.6	2.0	ug/l	25.0	ND	94	70-130	1	20	
trans-1,3-Dichloropropene	22.8	2.0	ug/l	25.0	ND	91	65-135	1	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Matrix Spike Dup Analyzed: 02/11/2007 (7B11009-MSD1)					**Source: IQB0679-09**					
Ethylbenzene	38.2	2.0	ug/l	25.0	11	109	65-130	1	20	
Hexachlorobutadiene	29.5	5.0	ug/l	25.0	ND	118	60-135	7	20	
p-Isopropyltoluene	31.0	2.0	ug/l	25.0	0.33	123	65-130	6	20	
Methylene chloride	22.4	5.0	ug/l	25.0	ND	90	50-135	8	20	
Naphthalene	51.5	5.0	ug/l	25.0	21	122	50-140	6	30	
n-Propylbenzene	33.6	2.0	ug/l	25.0	3.5	120	70-135	4	20	
Styrene	1.78	2.0	ug/l	25.0	ND	7	50-145	32	30	*M2*
1,1,1,2-Tetrachloroethane	28.1	5.0	ug/l	25.0	ND	112	65-140	4	20	
1,1,2,2-Tetrachloroethane	32.6	2.0	ug/l	25.0	ND	130	55-135	2	30	
Tetrachloroethene	27.0	2.0	ug/l	25.0	0.60	106	65-130	1	20	
Toluene	35.6	2.0	ug/l	25.0	8.9	107	70-125	1	20	
1,2,3-Trichlorobenzene	29.8	5.0	ug/l	25.0	ND	119	60-135	11	20	
1,2,4-Trichlorobenzene	29.7	5.0	ug/l	25.0	ND	119	65-135	14	20	
1,1,1-Trichloroethane	24.9	2.0	ug/l	25.0	ND	100	65-140	1	20	
1,1,2-Trichloroethane	27.9	2.0	ug/l	25.0	ND	112	65-130	2	25	
Trichloroethene	27.2	2.0	ug/l	25.0	ND	109	65-125	1	20	
Trichlorofluoromethane	25.6	5.0	ug/l	25.0	ND	102	60-145	2	25	
1,2,3-Trichloropropane	32.8	10	ug/l	25.0	ND	131	55-135	2	30	
1,2,4-Trimethylbenzene	49.1	2.0	ug/l	25.0	22	108	55-135	3	25	
1,3,5-Trimethylbenzene	46.1	2.0	ug/l	25.0	18	112	70-130	4	20	
Vinyl chloride	26.0	5.0	ug/l	25.0	ND	104	45-140	1	30	
o-Xylene	74.2	2.0	ug/l	25.0	47	109	65-125	3	20	
m,p-Xylenes	62.0	2.0	ug/l	50.0	6.2	112	65-130	2	25	
Xylenes, Total	136	4.0	ug/l	75.0	53	111	60-130	2	20	
Di-isopropyl Ether (DIPE)	29.6	5.0	ug/l	25.0	2.3	109	60-140	2	25	
Ethyl tert-Butyl Ether (ETBE)	26.1	5.0	ug/l	25.0	ND	104	60-135	3	25	
tert-Amyl Methyl Ether (TAME)	27.5	5.0	ug/l	25.0	0.66	107	60-140	2	30	
Methyl-tert-butyl Ether (MTBE)	227	5.0	ug/l	25.0	190	148	55-145	0	25	*MHA*
tert-Butanol (TBA)	219	50	ug/l	125	81	110	65-140	6	25	
Surrogate Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14011 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14011-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14011 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14011-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate Toluene-d8	*27.1*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.9*		*ug/l*	*25.0*		*104*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14011 Extracted: 02/14/07										
LCS Analyzed: 02/14/2007 (7B14011-BS1)										
Benzene	27.2	2.0	ug/l	25.0		109	70-120			
Bromobenzene	26.9	5.0	ug/l	25.0		108	75-120			
Bromochloromethane	26.4	5.0	ug/l	25.0		106	70-130			
Bromodichloromethane	27.6	2.0	ug/l	25.0		110	70-135			
Bromoform	25.7	5.0	ug/l	25.0		103	55-130			
Bromomethane	27.3	5.0	ug/l	25.0		109	65-140			
n-Butylbenzene	31.8	5.0	ug/l	25.0		127	70-130			
sec-Butylbenzene	27.1	5.0	ug/l	25.0		108	70-125			
tert-Butylbenzene	27.6	5.0	ug/l	25.0		110	70-125			
Carbon tetrachloride	27.7	5.0	ug/l	25.0		111	65-140			
Chlorobenzene	27.7	2.0	ug/l	25.0		111	75-120			
Chloroethane	26.8	5.0	ug/l	25.0		107	60-140			
Chloroform	26.0	2.0	ug/l	25.0		104	70-130			
Chloromethane	27.2	5.0	ug/l	25.0		109	50-140			
2-Chlorotoluene	27.5	5.0	ug/l	25.0		110	70-125			
4-Chlorotoluene	28.2	5.0	ug/l	25.0		113	75-125			
Dibromochloromethane	26.9	2.0	ug/l	25.0		108	70-140			
1,2-Dibromo-3-chloropropane	26.3	5.0	ug/l	25.0		105	50-135			
1,2-Dibromoethane (EDB)	28.7	2.0	ug/l	25.0		115	75-125			
Dibromomethane	27.7	2.0	ug/l	25.0		111	70-125			
1,2-Dichlorobenzene	28.6	2.0	ug/l	25.0		114	75-120			
1,3-Dichlorobenzene	28.3	2.0	ug/l	25.0		113	75-120			
1,4-Dichlorobenzene	27.9	2.0	ug/l	25.0		112	75-120			
Dichlorodifluoromethane	26.9	5.0	ug/l	25.0		108	35-155			
1,1-Dichloroethane	25.9	2.0	ug/l	25.0		104	70-125			
1,2-Dichloroethane	27.0	2.0	ug/l	25.0		108	60-140			
1,1-Dichloroethene	24.5	5.0	ug/l	25.0		98	70-125			
cis-1,2-Dichloroethene	26.1	2.0	ug/l	25.0		104	70-125			
trans-1,2-Dichloroethene	26.4	2.0	ug/l	25.0		106	70-125			
1,2-Dichloropropane	28.0	2.0	ug/l	25.0		112	70-125			
1,3-Dichloropropane	27.8	2.0	ug/l	25.0		111	70-120			
2,2-Dichloropropane	27.0	2.0	ug/l	25.0		108	65-140			
1,1-Dichloropropene	27.6	2.0	ug/l	25.0		110	75-130			
cis-1,3-Dichloropropene	26.4	2.0	ug/l	25.0		106	75-125			
trans-1,3-Dichloropropene	26.8	2.0	ug/l	25.0		107	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14011 Extracted: 02/14/07										
LCS Analyzed: 02/14/2007 (7B14011-BS1)										
Ethylbenzene	29.4	2.0	ug/l	25.0		118	75-125			
Hexachlorobutadiene	28.1	5.0	ug/l	25.0		112	65-135			
Isopropylbenzene	31.0	2.0	ug/l	25.0		124	75-130			
p-Isopropyltoluene	30.4	2.0	ug/l	25.0		122	75-125			
Methylene chloride	23.4	5.0	ug/l	25.0		94	55-130			
Naphthalene	25.9	5.0	ug/l	25.0		104	55-135			
n-Propylbenzene	28.7	2.0	ug/l	25.0		115	75-130			
Styrene	30.5	2.0	ug/l	25.0		122	75-130			
1,1,1,2-Tetrachloroethane	28.8	5.0	ug/l	25.0		115	70-130			
1,1,2,2-Tetrachloroethane	28.2	2.0	ug/l	25.0		113	55-130			
Tetrachloroethene	29.0	2.0	ug/l	25.0		116	70-125			
Toluene	27.7	2.0	ug/l	25.0		111	70-120			
1,2,3-Trichlorobenzene	25.5	5.0	ug/l	25.0		102	65-125			
1,2,4-Trichlorobenzene	26.2	5.0	ug/l	25.0		105	70-135			
1,1,1-Trichloroethane	26.0	2.0	ug/l	25.0		104	65-135			
1,1,2-Trichloroethane	28.3	2.0	ug/l	25.0		113	70-125			
Trichloroethene	27.8	2.0	ug/l	25.0		111	70-125			
Trichlorofluoromethane	25.6	5.0	ug/l	25.0		102	65-145			
1,2,3-Trichloropropane	27.6	10	ug/l	25.0		110	60-130			
1,2,4-Trimethylbenzene	28.8	2.0	ug/l	25.0		115	75-125			
1,3,5-Trimethylbenzene	29.4	2.0	ug/l	25.0		118	75-125			
Vinyl chloride	27.7	5.0	ug/l	25.0		111	55-135			
o-Xylene	28.2	2.0	ug/l	25.0		113	75-125			
m,p-Xylenes	58.1	2.0	ug/l	50.0		116	75-125			
Xylenes, Total	86.3	4.0	ug/l	75.0		115	70-125			
Di-isopropyl Ether (DIPE)	27.9	5.0	ug/l	25.0		112	60-135			
Ethyl tert-Butyl Ether (ETBE)	27.2	5.0	ug/l	25.0		109	65-135			
tert-Amyl Methyl Ether (TAME)	27.3	5.0	ug/l	25.0		109	60-135			
Methyl-tert-butyl Ether (MTBE)	26.8	5.0	ug/l	25.0		107	60-135			
tert-Butanol (TBA)	127	50	ug/l	125		102	70-135			
Surrogate Dibromofluoromethane	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14011 Extracted: 02/14/07										
Matrix Spike Analyzed: 02/14/2007 (7B14011-MS1)					**Source: IQB1247-01**					
Benzene	22.7	2.0	ug/l	25.0	ND	91	65-125			
Bromobenzene	21.7	5.0	ug/l	25.0	ND	87	70-125			
Bromochloromethane	22.2	5.0	ug/l	25.0	ND	89	65-135			
Bromodichloromethane	23.9	2.0	ug/l	25.0	ND	96	70-135			
Bromoform	20.2	5.0	ug/l	25.0	ND	81	55-135			
Bromomethane	22.0	5.0	ug/l	25.0	ND	88	55-145			
n-Butylbenzene	26.1	5.0	ug/l	25.0	ND	104	65-135			
sec-Butylbenzene	21.9	5.0	ug/l	25.0	ND	88	70-125			
tert-Butylbenzene	21.8	5.0	ug/l	25.0	ND	87	65-130			
Carbon tetrachloride	22.5	5.0	ug/l	25.0	ND	90	65-140			
Chlorobenzene	23.6	2.0	ug/l	25.0	ND	94	75-125			
Chloroethane	22.8	5.0	ug/l	25.0	ND	91	55-140			
Chloroform	22.4	2.0	ug/l	25.0	ND	90	65-135			
Chloromethane	20.8	5.0	ug/l	25.0	ND	83	45-145			
2-Chlorotoluene	22.3	5.0	ug/l	25.0	ND	89	65-135			
4-Chlorotoluene	23.0	5.0	ug/l	25.0	ND	92	70-135			
Dibromochloromethane	22.0	2.0	ug/l	25.0	ND	88	65-140			
1,2-Dibromo-3-chloropropane	19.6	5.0	ug/l	25.0	ND	78	45-145			
1,2-Dibromoethane (EDB)	23.2	2.0	ug/l	25.0	ND	93	70-130			
Dibromomethane	22.7	2.0	ug/l	25.0	ND	91	65-135			
1,2-Dichlorobenzene	23.8	2.0	ug/l	25.0	ND	95	75-125			
1,3-Dichlorobenzene	23.7	2.0	ug/l	25.0	ND	95	75-125			
1,4-Dichlorobenzene	23.2	2.0	ug/l	25.0	ND	93	75-125			
Dichlorodifluoromethane	19.8	5.0	ug/l	25.0	ND	79	25-155			
1,1-Dichloroethane	22.2	2.0	ug/l	25.0	ND	89	65-130			
1,2-Dichloroethane	22.5	2.0	ug/l	25.0	ND	90	60-140			
1,1-Dichloroethene	20.0	5.0	ug/l	25.0	ND	80	60-130			
cis-1,2-Dichloroethene	22.3	2.0	ug/l	25.0	ND	89	65-130			
trans-1,2-Dichloroethene	22.4	2.0	ug/l	25.0	ND	90	65-130			
1,2-Dichloropropane	23.7	2.0	ug/l	25.0	ND	95	65-130			
1,3-Dichloropropane	23.0	2.0	ug/l	25.0	ND	92	65-135			
2,2-Dichloropropane	22.3	2.0	ug/l	25.0	ND	89	60-145			
1,1-Dichloropropene	22.5	2.0	ug/l	25.0	ND	90	70-135			
cis-1,3-Dichloropropene	23.1	2.0	ug/l	25.0	ND	92	70-130			
trans-1,3-Dichloropropene	23.1	2.0	ug/l	25.0	ND	92	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14011 Extracted: 02/14/07										
Matrix Spike Analyzed: 02/14/2007 (7B14011-MS1)					**Source: IQB1247-01**					
Ethylbenzene	24.6	2.0	ug/l	25.0	ND	98	65-130			
Hexachlorobutadiene	22.7	5.0	ug/l	25.0	ND	91	60-135			
Isopropylbenzene	24.0	2.0	ug/l	25.0	ND	96	70-135			
p-Isopropyltoluene	24.3	2.0	ug/l	25.0	ND	97	65-130			
Methylene chloride	20.5	5.0	ug/l	25.0	ND	82	50-135			
Naphthalene	19.4	5.0	ug/l	25.0	ND	78	50-140			
n-Propylbenzene	22.9	2.0	ug/l	25.0	ND	92	70-135			
Styrene	25.9	2.0	ug/l	25.0	ND	104	50-145			
1,1,1,2-Tetrachloroethane	24.1	5.0	ug/l	25.0	ND	96	65-140			
1,1,2,2-Tetrachloroethane	21.1	2.0	ug/l	25.0	ND	84	55-135			
Tetrachloroethene	23.3	2.0	ug/l	25.0	ND	93	65-130			
Toluene	23.5	2.0	ug/l	25.0	ND	94	70-125			
1,2,3-Trichlorobenzene	22.2	5.0	ug/l	25.0	ND	89	60-135			
1,2,4-Trichlorobenzene	23.0	5.0	ug/l	25.0	ND	92	65-135			
1,1,1-Trichloroethane	21.8	2.0	ug/l	25.0	ND	87	65-140			
1,1,2-Trichloroethane	24.0	2.0	ug/l	25.0	ND	96	65-130			
Trichloroethene	23.0	2.0	ug/l	25.0	ND	92	65-125			
Trichlorofluoromethane	22.2	5.0	ug/l	25.0	ND	89	60-145			
1,2,3-Trichloropropane	19.9	10	ug/l	25.0	ND	80	55-135			
1,2,4-Trimethylbenzene	23.4	2.0	ug/l	25.0	ND	94	55-135			
1,3,5-Trimethylbenzene	23.5	2.0	ug/l	25.0	ND	94	70-130			
Vinyl chloride	21.8	5.0	ug/l	25.0	ND	87	45-140			
o-Xylene	24.1	2.0	ug/l	25.0	ND	96	65-125			
m,p-Xylenes	48.9	2.0	ug/l	50.0	ND	98	65-130			
Xylenes, Total	73.0	4.0	ug/l	75.0	ND	97	60-130			
Di-isopropyl Ether (DIPE)	24.4	5.0	ug/l	25.0	ND	98	60-140			
Ethyl tert-Butyl Ether (ETBE)	23.6	5.0	ug/l	25.0	ND	94	60-135			
tert-Amyl Methyl Ether (TAME)	23.5	5.0	ug/l	25.0	ND	94	60-140			
Methyl-tert-butyl Ether (MTBE)	22.4	5.0	ug/l	25.0	ND	90	55-145			
tert-Butanol (TBA)	116	50	ug/l	125	ND	93	65-140			
Surrogate Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate Toluene-d8	*27.1*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate 4-Bromofluorobenzene	*27.3*		*ug/l*	*25.0*		*109*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14011 Extracted: 02/14/07										
Matrix Spike Dup Analyzed: 02/14/2007 (7B14011-MSD1)					**Source: IQB1247-01**					
Benzene	23.0	2.0	ug/l	25.0	ND	92	65-125	1	20	
Bromobenzene	22.0	5.0	ug/l	25.0	ND	88	70-125	1	20	
Bromochloromethane	22.7	5.0	ug/l	25.0	ND	91	65-135	2	25	
Bromodichloromethane	24.0	2.0	ug/l	25.0	ND	96	70-135	0	20	
Bromoform	20.3	5.0	ug/l	25.0	ND	81	55-135	1	25	
Bromomethane	22.2	5.0	ug/l	25.0	ND	89	55-145	1	25	
n-Butylbenzene	25.6	5.0	ug/l	25.0	ND	102	65-135	2	20	
sec-Butylbenzene	21.7	5.0	ug/l	25.0	ND	87	70-125	1	20	
tert-Butylbenzene	21.7	5.0	ug/l	25.0	ND	87	65-130	1	20	
Carbon tetrachloride	22.1	5.0	ug/l	25.0	ND	88	65-140	2	25	
Chlorobenzene	23.5	2.0	ug/l	25.0	ND	94	75-125	0	20	
Chloroethane	23.2	5.0	ug/l	25.0	ND	93	55-140	2	25	
Chloroform	22.5	2.0	ug/l	25.0	ND	90	65-135	0	20	
Chloromethane	20.6	5.0	ug/l	25.0	ND	82	45-145	1	25	
2-Chlorotoluene	22.3	5.0	ug/l	25.0	ND	89	65-135	0	20	
4-Chlorotoluene	23.3	5.0	ug/l	25.0	ND	93	70-135	1	20	
Dibromochloromethane	22.4	2.0	ug/l	25.0	ND	90	65-140	2	25	
1,2-Dibromo-3-chloropropane	19.7	5.0	ug/l	25.0	ND	79	45-145	1	30	
1,2-Dibromoethane (EDB)	23.4	2.0	ug/l	25.0	ND	94	70-130	1	25	
Dibromomethane	23.0	2.0	ug/l	25.0	ND	92	65-135	1	25	
1,2-Dichlorobenzene	24.2	2.0	ug/l	25.0	ND	97	75-125	2	20	
1,3-Dichlorobenzene	24.0	2.0	ug/l	25.0	ND	96	75-125	1	20	
1,4-Dichlorobenzene	23.4	2.0	ug/l	25.0	ND	94	75-125	1	20	
Dichlorodifluoromethane	19.0	5.0	ug/l	25.0	ND	76	25-155	4	30	
1,1-Dichloroethane	22.3	2.0	ug/l	25.0	ND	89	65-130	0	20	
1,2-Dichloroethane	23.2	2.0	ug/l	25.0	ND	93	60-140	3	20	
1,1-Dichloroethene	19.6	5.0	ug/l	25.0	ND	78	60-130	2	20	
cis-1,2-Dichloroethene	22.6	2.0	ug/l	25.0	ND	90	65-130	1	20	
trans-1,2-Dichloroethene	22.6	2.0	ug/l	25.0	ND	90	65-130	1	20	
1,2-Dichloropropane	24.3	2.0	ug/l	25.0	ND	97	65-130	2	20	
1,3-Dichloropropane	23.3	2.0	ug/l	25.0	ND	93	65-135	1	25	
2,2-Dichloropropane	22.0	2.0	ug/l	25.0	ND	88	60-145	1	25	
1,1-Dichloropropene	22.5	2.0	ug/l	25.0	ND	90	70-135	0	20	
cis-1,3-Dichloropropene	23.0	2.0	ug/l	25.0	ND	92	70-130	0	20	
trans-1,3-Dichloropropene	23.1	2.0	ug/l	25.0	ND	92	65-135	0	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14011 Extracted: 02/14/07										
Matrix Spike Dup Analyzed: 02/14/2007 (7B14011-MSD1)					**Source: IQB1247-01**					
Ethylbenzene	24.7	2.0	ug/l	25.0	ND	99	65-130	0	20	
Hexachlorobutadiene	22.2	5.0	ug/l	25.0	ND	89	60-135	2	20	
Isopropylbenzene	24.4	2.0	ug/l	25.0	ND	98	70-135	2	20	
p-Isopropyltoluene	24.1	2.0	ug/l	25.0	ND	96	65-130	1	20	
Methylene chloride	20.8	5.0	ug/l	25.0	ND	83	50-135	1	20	
Naphthalene	19.8	5.0	ug/l	25.0	ND	79	50-140	2	30	
n-Propylbenzene	23.0	2.0	ug/l	25.0	ND	92	70-135	0	20	
Styrene	25.8	2.0	ug/l	25.0	ND	103	50-145	0	30	
1,1,1,2-Tetrachloroethane	24.4	5.0	ug/l	25.0	ND	98	65-140	1	20	
1,1,2,2-Tetrachloroethane	21.6	2.0	ug/l	25.0	ND	86	55-135	2	30	
Tetrachloroethene	23.2	2.0	ug/l	25.0	ND	93	65-130	0	20	
Toluene	23.8	2.0	ug/l	25.0	ND	95	70-125	1	20	
1,2,3-Trichlorobenzene	21.8	5.0	ug/l	25.0	ND	87	60-135	2	20	
1,2,4-Trichlorobenzene	22.7	5.0	ug/l	25.0	ND	91	65-135	1	20	
1,1,1-Trichloroethane	21.6	2.0	ug/l	25.0	ND	86	65-140	1	20	
1,1,2-Trichloroethane	24.3	2.0	ug/l	25.0	ND	97	65-130	1	25	
Trichloroethene	22.8	2.0	ug/l	25.0	ND	91	65-125	1	20	
Trichlorofluoromethane	22.2	5.0	ug/l	25.0	ND	89	60-145	0	25	
1,2,3-Trichloropropane	20.6	10	ug/l	25.0	ND	82	55-135	3	30	
1,2,4-Trimethylbenzene	23.4	2.0	ug/l	25.0	ND	94	55-135	0	25	
1,3,5-Trimethylbenzene	23.4	2.0	ug/l	25.0	ND	94	70-130	0	20	
Vinyl chloride	21.6	5.0	ug/l	25.0	ND	86	45-140	1	30	
o-Xylene	23.9	2.0	ug/l	25.0	ND	96	65-125	1	20	
m,p-Xylenes	49.0	2.0	ug/l	50.0	ND	98	65-130	0	25	
Xylenes, Total	72.9	4.0	ug/l	75.0	ND	97	60-130	0	20	
Di-isopropyl Ether (DIPE)	24.8	5.0	ug/l	25.0	ND	99	60-140	2	25	
Ethyl tert-Butyl Ether (ETBE)	24.1	5.0	ug/l	25.0	ND	96	60-135	2	25	
tert-Amyl Methyl Ether (TAME)	24.0	5.0	ug/l	25.0	ND	96	60-140	2	30	
Methyl-tert-butyl Ether (MTBE)	22.7	5.0	ug/l	25.0	ND	91	55-145	1	25	
tert-Butanol (TBA)	115	50	ug/l	125	ND	92	65-140	1	25	
Surrogate Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate Toluene-d8	*27.1*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate 4-Bromofluorobenzene	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14013 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14013-BLK1)										
Isopropylbenzene	ND	2.0	ug/l							
Surrogate Dibromofluoromethane	*22.7*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
LCS Analyzed: 02/14/2007 (7B14013-BS1)										
Isopropylbenzene	29.2	2.0	ug/l	25.0		117	75-130			
Surrogate Dibromofluoromethane	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate Toluene-d8	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			
Matrix Spike Analyzed: 02/14/2007 (7B14013-MS1)					**Source: IQB0216-01RE1**					
Isopropylbenzene	29.1	2.0	ug/l	25.0	ND	116	70-135			
Surrogate Dibromofluoromethane	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate Toluene-d8	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Matrix Spike Dup Analyzed: 02/14/2007 (7B14013-MSD1)					**Source: IQB0216-01RE1**					
Isopropylbenzene	29.6	2.0	ug/l	25.0	ND	118	70-135	2	20	
Surrogate Dibromofluoromethane	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11033 Extracted: 02/11/07										
Blank Analyzed: 02/13/2007 (7B11033-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate 1,4-Dioxane-d8	*1.39*		*ug/l*	*2.00*		*70*	*30-120*			
LCS Analyzed: 02/13/2007 (7B11033-BS1)										**MNR1**
1,4-Dioxane	1.48	0.50	ug/l	2.00		74	35-120			
Surrogate 1,4-Dioxane-d8	*1.23*		*ug/l*	*2.00*		*62*	*30-120*			
LCS Dup Analyzed: 02/13/2007 (7B11033-BSD1)										
1,4-Dioxane	1.28	0.50	ug/l	2.00		64	35-120	14	25	
Surrogate 1,4-Dioxane-d8	*1.16*		*ug/l*	*2.00*		*58*	*30-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11033 Extracted: 02/11/07										
Blank Analyzed: 02/13/2007 (7B11033-BLK1)										
N-Nitrosodimethylamine	ND	0.0020	ug/l							
LCS Analyzed: 02/13/2007 (7B11033-BS1)										**MNR1**
N-Nitrosodimethylamine	0.00920	0.0020	ug/l	0.0100		92	60-140			
LCS Analyzed: 02/13/2007 (7B11033-BS2)										
N-Nitrosodimethylamine	0.00236	0.0020	ug/l	0.00200		118	60-140			
LCS Dup Analyzed: 02/13/2007 (7B11033-BSD1)										
N-Nitrosodimethylamine	0.00944	0.0020	ug/l	0.0100		94	60-140	3	30	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

DISSOLVED GASES BY HEADSPACE EQUILIBRIUM (RSK-175 MOD.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14048 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14048-BLK1)										
Methane	ND	0.050	mg/l							
LCS Analyzed: 02/14/2007 (7B14048-BS1)										
Methane	1.38	0.050	mg/l	1.36		101	80-120			
Matrix Spike Analyzed: 02/14/2007 (7B14048-MS1)					**Source: IQB0473-02**					
Methane	1.44	0.050	mg/l	1.36	ND	106	80-120			
Matrix Spike Dup Analyzed: 02/14/2007 (7B14048-MSD1)					**Source: IQB0473-02**					
Methane	1.58	0.050	mg/l	1.36	ND	116	80-120	9	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B07085 Extracted: 02/07/07										
Blank Analyzed: 02/07/2007 (7B07085-BLK1)										
Chromium VI	ND	0.0020	mg/l							
LCS Analyzed: 02/07/2007 (7B07085-BS1)										
Chromium VI	0.0529	0.0020	mg/l	0.0500		106	90-110			
Matrix Spike Analyzed: 02/07/2007 (7B07085-MS1)					**Source: IQB0575-02**					
Chromium VI	0.0485	0.0020	mg/l	0.0500	ND	97	80-115			
Matrix Spike Dup Analyzed: 02/07/2007 (7B07085-MSD1)					**Source: IQB0575-02**					
Chromium VI	0.0487	0.0020	mg/l	0.0500	ND	97	80-115	0	15	
Batch: 7B07134 Extracted: 02/07/07										
Blank Analyzed: 02/07/2007 (7B07134-BLK1)										
Nitrate-N	ND	0.15	mg/l							
Sulfate	ND	0.50	mg/l							
LCS Analyzed: 02/07/2007 (7B07134-BS1)										
Nitrate-N	1.15	0.15	mg/l	1.13		102	90-110			
Sulfate	9.58	0.50	mg/l	10.0		96	90-110			
Matrix Spike Analyzed: 02/07/2007 (7B07134-MS1)					**Source: IQB0615-01**					
Nitrate-N	1.26	0.22	mg/l	1.13	ND	112	80-120			
Sulfate	98.1	1.0	mg/l	10.0	89	91	80-120			
Matrix Spike Dup Analyzed: 02/07/2007 (7B07134-MSD1)					**Source: IQB0615-01**					
Nitrate-N	1.34	0.22	mg/l	1.13	ND	119	80-120	6	20	
Sulfate	98.6	1.0	mg/l	10.0	89	96	80-120	1	20	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B08133 Extracted: 02/08/07										
Blank Analyzed: 02/08/2007 (7B08133-BLK1)										
Ferrous Iron	ND	0.10	mg/l							*HFT*
Duplicate Analyzed: 02/08/2007 (7B08133-DUP1)					**Source: IQB0615-01**					
Ferrous Iron	0.100	0.10	mg/l		0.10			0	20	*HFT*
Batch: 7B14135 Extracted: 02/14/07										
Blank Analyzed: 02/15/2007 (7B14135-BLK1)										
Perchlorate	ND	4.0	ug/l							
LCS Analyzed: 02/15/2007 (7B14135-BS1)										
Perchlorate	49.6	4.0	ug/l	50.0		99	85-115			
Matrix Spike Analyzed: 02/15/2007 (7B14135-MS1)					**Source: IQB0774-04**					
Perchlorate	64.1	4.0	ug/l	50.0	12	104	80-120			
Matrix Spike Dup Analyzed: 02/15/2007 (7B14135-MSD1)					**Source: IQB0774-04**					
Perchlorate	64.6	4.0	ug/l	50.0	12	105	80-120	1	20	
Batch: 7B15075 Extracted: 02/15/07										
Duplicate Analyzed: 02/15/2007 (7B15075-DUP1)					**Source: IQB0646-01**					
Alkalinity as CaCO3	116	2.0	mg/l		110			5	20	
Reference Analyzed: 02/15/2007 (7B15075-SRM1)										
Alkalinity as CaCO3	236	2.0	mg/l	231		102	90-110			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15088 Extracted: 02/15/07										
Blank Analyzed: 02/15/2007 (7B15088-BLK1)										
Perchlorate	ND	4.0	ug/l							
LCS Analyzed: 02/15/2007 (7B15088-BS1)										
Perchlorate	50.1	4.0	ug/l	50.0		100	85-115			
Matrix Spike Analyzed: 02/15/2007 (7B15088-MS1)					**Source: IQB0554-04**					
Perchlorate	60.5	4.0	ug/l	50.0	9.5	102	80-120			
Matrix Spike Dup Analyzed: 02/15/2007 (7B15088-MSD1)					**Source: IQB0554-04**					
Perchlorate	60.0	4.0	ug/l	50.0	9.5	101	80-120	1	20	
Batch: 7B16059 Extracted: 02/16/07										
Blank Analyzed: 02/16/2007 (7B16059-BLK1)										
Perchlorate	ND	4.0	ug/l							
LCS Analyzed: 02/16/2007 (7B16059-BS1)										
Perchlorate	48.4	4.0	ug/l	50.0		97	85-115			
Matrix Spike Analyzed: 02/16/2007 (7B16059-MS1)					**Source: IQB0646-01**					
Perchlorate	52.0	4.0	ug/l	50.0	3.7	97	80-120			
Matrix Spike Dup Analyzed: 02/16/2007 (7B16059-MSD1)					**Source: IQB0646-01**					
Perchlorate	53.1	4.0	ug/l	50.0	3.7	99	80-120	2	20	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For GRO (C4-C12):

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

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0660

Sampled: 02/07/07
Received: 02/07/07

Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1625C-CI Mod	Water		
EPA 300.0	Water	X	X
EPA 314.0	Water	N/A	X
EPA 7199	Water	X	X
EPA 8015B	Water	X	X
EPA 8260B	Water	X	X
EPA 8270C	Water	X	X
RSK-175 MOD.	Water	N/A	N/A
SM 3500-Fe D	Water		
SM2320B	Water	X	X

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

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-9295
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2526 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3628

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

10B060

Page ___ of ___

Client Name/Address: Arcadis BBL

Project/PO Number: Former Paramo Refinery

Project Manager: Jennifer Wiley

Phone Number: 949 474-9052

Sampler: Matt Wathington

Fax Number: 949 474-9345

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	NDMA - 1625C	1,4 Dioxane - 8270C	8260B + DHA	8015G Ca-Cr12	DRO Crosson (methane)	Sulfate Nitrate	IRON Fe+2 3500 Fe D	Total Alkalinity 2320B	Chromium VI	Perchlorate 314.0	Special Instructions
MW-604-0207	Liquid	Various	9	2/7/07	6:30am	HCL/ICED	X	X	X	X					X	X	
W-12-0207			10		8:20		X	X	X	X					X	X	
MW-104A-0207			13		10:40		X	X	X	X	X	X	X	X	X	X	
MW-105-0207			10		11:30		X	X	X	X					X	X	
MW-105-0207-D			10		11:45		X	X	X	X					X	X	
MW-204-0207			10		15:45		X	X	X	X					X	X	
MW-205-0207			13		13:05		X	X	X	X	X	X	X	X	X	X	
MW-201-0207			10		14:25		X	X	X	X					X	X	
TB020707		VOAs	3		8:00am				X								

Courier did not count samples in field for client QP

ER 2100

Relinquished By:	Date/Time:	Received By:	Date/Time:
Matt Wathington	2/9/07 17:15	TAE	2/7/07 1715
TAE	2/7/07 1830		2/7/07 1830

Turnaround Time: (Check)
same day ___ 72 hours ___
24 hours ___ 5 days ___
48 hours ___ normal X

Sample Integrity: (Check)
intact X on ice X

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

2°C

4/35 3 coolers

TestAmerica
ANALYTICAL TESTING CORPORATION

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

LABORATORY REPORT

Prepared For: Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project: Former Cenco Refinery - 2006
54205.001

Sampled: 02/08/07
Received: 02/08/07
Issued: 02/26/07 15:49

NELAP #01108CA California ELAP#1197 CSDLAC #10256

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

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IQB0819-01	MW-103-0207	Water
IQB0819-02	MW-106A-0207	Water
IQB0819-03	MW-203-0207	Water
IQB0819-04	MW-107A-0207	Water
IQB0819-05	W-3A-0207	Water
IQB0819-06	W-4-0207	Water
IQB0819-07	W-1-0207	Water
IQB0819-08	TB020807	Water

Reviewed By:

Sushmitha Reddy

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-01 (MW-103-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B16053	50	**360**	1	2/16/2007	2/16/2007	
Surrogate: 4-BFB (FID) (65-140%)				*120 %*				
Sample ID: IQB0819-02 (MW-106A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B16053	50	**270**	1	2/16/2007	2/16/2007	
Surrogate: 4-BFB (FID) (65-140%)				*163 %*				*ZX*
Sample ID: IQB0819-03 (MW-203-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B16053	50	**150**	1	2/16/2007	2/16/2007	
Surrogate: 4-BFB (FID) (65-140%)				*131 %*				
Sample ID: IQB0819-04 (MW-107A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B16053	100	**500**	2	2/16/2007	2/16/2007	
Surrogate: 4-BFB (FID) (65-140%)				*94 %*				
Sample ID: IQB0819-05 (W-3A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B16053	1000	**1400**	20	2/16/2007	2/16/2007	
Surrogate: 4-BFB (FID) (65-140%)				*90 %*				
Sample ID: IQB0819-06 (W-4-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B16053	50	**200**	1	2/16/2007	2/16/2007	
Surrogate: 4-BFB (FID) (65-140%)				*126 %*				
Sample ID: IQB0819-07 (W-1-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B16053	50	**500**	1	2/16/2007	2/16/2007	QP
Surrogate: 4-BFB (FID) (65-140%)				*127 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-01 (MW-103-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B11009	2.0	**36**	1	2/11/2007	2/11/2007	
Bromobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromochloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromodichloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Bromoform	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromomethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
n-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
sec-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Carbon tetrachloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chloroform	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
2-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
4-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Dibromochloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dibromomethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,4-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dichlorodifluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
2,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Ethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Hexachlorobutadiene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Isopropylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	L
p-Isopropyltoluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Methylene chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Naphthalene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-01 (MW-103-0207 - Water) - cont.				**Sampled: 02/08/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Styrene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	C, L
Tetrachloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Toluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,1-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,2-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichlorofluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichloropropane	EPA 8260B	7B11009	10	ND	1	2/11/2007	2/11/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Vinyl chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
o-Xylene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
m,p-Xylenes	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Xylenes, Total	EPA 8260B	7B11009	4.0	ND	1	2/11/2007	2/11/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B11009	5.0	**26**	1	2/11/2007	2/11/2007	
tert-Butanol (TBA)	EPA 8260B	7B11009	50	**190**	1	2/11/2007	2/11/2007	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-02 (MW-106A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B11009	2.0	**2.6**	1	2/11/2007	2/11/2007	
Bromobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromochloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromodichloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Bromoform	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromomethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
n-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
sec-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Carbon tetrachloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chloroform	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
2-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
4-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Dibromochloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dibromomethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,4-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dichlorodifluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	**15**	1	2/11/2007	2/11/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	**20**	1	2/11/2007	2/11/2007	
1,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
2,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Ethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Hexachlorobutadiene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
p-Isopropyltoluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Methylene chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Naphthalene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
n-Propylbenzene	EPA 8260B	7B11009	2.0	**5.9**	1	2/11/2007	2/11/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-02 (MW-106A-0207 - Water) - cont.				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Styrene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	C, L
Tetrachloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Toluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,1-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,2-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichlorofluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichloropropane	EPA 8260B	7B11009	10	ND	1	2/11/2007	2/11/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Vinyl chloride	EPA 8260B	7B11009	5.0	**13**	1	2/11/2007	2/11/2007	
o-Xylene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
m,p-Xylenes	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Xylenes, Total	EPA 8260B	7B11009	4.0	ND	1	2/11/2007	2/11/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butanol (TBA)	EPA 8260B	7B11009	50	ND	1	2/11/2007	2/11/2007	
Surrogate: Dibromofluoromethane (80-120%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-02RE1 (MW-106A-0207 - Water) - cont.				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B14013	2.0	**9.6**	1	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*90 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-03 (MW-203-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B11009	2.0	**2.0**	1	2/11/2007	2/11/2007	
Bromobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromochloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromodichloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Bromoform	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromomethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
n-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
sec-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Carbon tetrachloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chloroform	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
2-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
4-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Dibromochloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dibromomethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,4-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dichlorodifluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	**21**	1	2/11/2007	2/11/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	**3.4**	1	2/11/2007	2/11/2007	
1,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
2,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Ethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Hexachlorobutadiene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Isopropylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	L
p-Isopropyltoluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Methylene chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Naphthalene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-03 (MW-203-0207 - Water) - cont.				**Sampled: 02/08/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Styrene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	C, L
Tetrachloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Toluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,1-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,2-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichlorofluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichloropropane	EPA 8260B	7B11009	10	ND	1	2/11/2007	2/11/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Vinyl chloride	EPA 8260B	7B11009	5.0	**9.7**	1	2/11/2007	2/11/2007	
o-Xylene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
m,p-Xylenes	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Xylenes, Total	EPA 8260B	7B11009	4.0	ND	1	2/11/2007	2/11/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butanol (TBA)	EPA 8260B	7B11009	50	ND	1	2/11/2007	2/11/2007	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-04 (MW-107A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B11009	2.0	**80**	1	2/11/2007	2/11/2007	
Bromobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromochloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromodichloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Bromoform	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Bromomethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
n-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
sec-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butylbenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Carbon tetrachloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Chloroform	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Chloromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
2-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
4-Chlorotoluene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Dibromochloromethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dibromomethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,4-Dichlorobenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Dichlorodifluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2-Dichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloroethene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	**9.6**	1	2/11/2007	2/11/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B11009	2.0	**7.4**	1	2/11/2007	2/11/2007	
1,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
2,2-Dichloropropane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Ethylbenzene	EPA 8260B	7B11009	2.0	**21**	1	2/11/2007	2/11/2007	
Hexachlorobutadiene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
p-Isopropyltoluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Methylene chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Naphthalene	EPA 8260B	7B11009	5.0	**7.4**	1	2/11/2007	2/11/2007	
n-Propylbenzene	EPA 8260B	7B11009	2.0	**17**	1	2/11/2007	2/11/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-04 (MW-107A-0207 - Water) - cont.				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Styrene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	C, L
Tetrachloroethene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Toluene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,1,1-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,1,2-Trichloroethane	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Trichloroethene	EPA 8260B	7B11009	2.0	**3.9**	1	2/11/2007	2/11/2007	
Trichlorofluoromethane	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
1,2,3-Trichloropropane	EPA 8260B	7B11009	10	ND	1	2/11/2007	2/11/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
Vinyl chloride	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
o-Xylene	EPA 8260B	7B11009	2.0	ND	1	2/11/2007	2/11/2007	
m,p-Xylenes	EPA 8260B	7B11009	2.0	**25**	1	2/11/2007	2/11/2007	
Xylenes, Total	EPA 8260B	7B11009	4.0	**26**	1	2/11/2007	2/11/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B11009	5.0	ND	1	2/11/2007	2/11/2007	
tert-Butanol (TBA)	EPA 8260B	7B11009	50	ND	1	2/11/2007	2/11/2007	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-04RE1 (MW-107A-0207 - Water) - cont.				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B14013	2.0	**17**	1	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*91 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-05 (W-3A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Bromobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromochloromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromodichloromethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Bromoform	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromomethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
n-Butylbenzene	EPA 8260B	7B12019	5.0	**11**	1	2/12/2007	2/12/2007	M2
sec-Butylbenzene	EPA 8260B	7B12019	5.0	**6.7**	1	2/12/2007	2/12/2007	
tert-Butylbenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Carbon tetrachloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Chlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Chloroethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Chloroform	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Chloromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
2-Chlorotoluene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
4-Chlorotoluene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Dibromochloromethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Dibromomethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,4-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Dichlorodifluoromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloroethene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
2,2-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Ethylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Hexachlorobutadiene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	M2
Isopropylbenzene	EPA 8260B	7B12019	2.0	**11**	1	2/12/2007	2/12/2007	
p-Isopropyltoluene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Methylene chloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Naphthalene	EPA 8260B	7B12019	5.0	**30**	1	2/12/2007	2/12/2007	M2

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-05 (W-3A-0207 - Water) - cont.				**Sampled: 02/08/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B12019	2.0	**14**	1	2/12/2007	2/12/2007	
Styrene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Tetrachloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Toluene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1,1-Trichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1,2-Trichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Trichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Trichlorofluoromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2,3-Trichloropropane	EPA 8260B	7B12019	10	ND	1	2/12/2007	2/12/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B12019	2.0	**3.9**	1	2/12/2007	2/12/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B12019	2.0	**6.1**	1	2/12/2007	2/12/2007	
Vinyl chloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
o-Xylene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
m,p-Xylenes	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Xylenes, Total	EPA 8260B	7B12019	4.0	ND	1	2/12/2007	2/12/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B12019	5.0	**8.4**	1	2/12/2007	2/12/2007	
tert-Butanol (TBA)	EPA 8260B	7B12019	50	ND	1	2/12/2007	2/12/2007	
Surrogate: Dibromofluoromethane (80-120%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-06 (W-4-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B12019	2.0	**3.1**	1	2/12/2007	2/12/2007	
Bromobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromochloromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromodichloromethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Bromoform	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromomethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
n-Butylbenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
sec-Butylbenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
tert-Butylbenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Carbon tetrachloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Chlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Chloroethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Chloroform	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Chloromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
2-Chlorotoluene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
4-Chlorotoluene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Dibromochloromethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Dibromomethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,4-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Dichlorodifluoromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloroethene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B12019	2.0	**4.7**	1	2/12/2007	2/12/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
2,2-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Ethylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Hexachlorobutadiene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Isopropylbenzene	EPA 8260B	7B12019	2.0	**3.7**	1	2/12/2007	2/12/2007	
p-Isopropyltoluene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Methylene chloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Naphthalene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-06 (W-4-0207 - Water) - cont.				**Sampled: 02/08/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B12019	2.0	**2.8**	1	2/12/2007	2/12/2007	
Styrene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Tetrachloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Toluene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1,1-Trichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1,2-Trichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Trichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Trichlorofluoromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2,3-Trichloropropane	EPA 8260B	7B12019	10	ND	1	2/12/2007	2/12/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Vinyl chloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
o-Xylene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
m,p-Xylenes	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Xylenes, Total	EPA 8260B	7B12019	4.0	ND	1	2/12/2007	2/12/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
tert-Butanol (TBA)	EPA 8260B	7B12019	50	ND	1	2/12/2007	2/12/2007	
Surrogate: Dibromofluoromethane (80-120%)				*90 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-07 (W-1-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B12019	2.0	77	1	2/12/2007	2/12/2007	
Bromobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromochloromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromodichloromethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Bromoform	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromomethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
n-Butylbenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
sec-Butylbenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
tert-Butylbenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Carbon tetrachloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Chlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Chloroethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Chloroform	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Chloromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
2-Chlorotoluene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
4-Chlorotoluene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Dibromochloromethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Dibromomethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,4-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Dichlorodifluoromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloroethene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
2,2-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Ethylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Hexachlorobutadiene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Isopropylbenzene	EPA 8260B	7B12019	2.0	**18**	1	2/12/2007	2/12/2007	
p-Isopropyltoluene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Methylene chloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Naphthalene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-07 (W-1-0207 - Water) - cont.				**Sampled: 02/08/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B12019	2.0	**9.4**	1	2/12/2007	2/12/2007	
Styrene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Tetrachloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Toluene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1,1-Trichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1,2-Trichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Trichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Trichlorofluoromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2,3-Trichloropropane	EPA 8260B	7B12019	10	ND	1	2/12/2007	2/12/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Vinyl chloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
o-Xylene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
m,p-Xylenes	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Xylenes, Total	EPA 8260B	7B12019	4.0	ND	1	2/12/2007	2/12/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B12019	5.0	**21**	1	2/12/2007	2/12/2007	
tert-Butanol (TBA)	EPA 8260B	7B12019	50	ND	1	2/12/2007	2/12/2007	
Surrogate: Dibromofluoromethane (80-120%)				*91 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-08 (TB020807 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Bromobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromochloromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromodichloromethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Bromoform	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Bromomethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
n-Butylbenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
sec-Butylbenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
tert-Butylbenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Carbon tetrachloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Chlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Chloroethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Chloroform	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Chloromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
2-Chlorotoluene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
4-Chlorotoluene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Dibromochloromethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Dibromomethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,4-Dichlorobenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Dichlorodifluoromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloroethene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
2,2-Dichloropropane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Ethylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Hexachlorobutadiene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Isopropylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
p-Isopropyltoluene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Methylene chloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Naphthalene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-08 (TB020807 - Water) - cont.				**Sampled: 02/08/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Styrene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Tetrachloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Toluene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,1,1-Trichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,1,2-Trichloroethane	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Trichloroethene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Trichlorofluoromethane	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
1,2,3-Trichloropropane	EPA 8260B	7B12019	10	ND	1	2/12/2007	2/12/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Vinyl chloride	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
o-Xylene	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
m,p-Xylenes	EPA 8260B	7B12019	2.0	ND	1	2/12/2007	2/12/2007	
Xylenes, Total	EPA 8260B	7B12019	4.0	ND	1	2/12/2007	2/12/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B12019	5.0	ND	1	2/12/2007	2/12/2007	
tert-Butanol (TBA)	EPA 8260B	7B12019	50	ND	1	2/12/2007	2/12/2007	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-01 (MW-103-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.50	**2.0**	1.01	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*57 %*				
Sample ID: IQB0819-02 (MW-106A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.48	**0.61**	0.962	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*50 %*				
Sample ID: IQB0819-03 (MW-203-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.48	**1.9**	0.962	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*57 %*				
Sample ID: IQB0819-04 (MW-107A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.48	ND	0.962	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*59 %*				
Sample ID: IQB0819-05 (W-3A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.50	**1.9**	0.99	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*58 %*				
Sample ID: IQB0819-06 (W-4-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.48	**2.1**	0.966	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*67 %*				
Sample ID: IQB0819-07 (W-1-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.50	**0.95**	0.99	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*52 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-01 (MW-103-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0020	ND	1.01	2/11/2007	2/13/2007	
Sample ID: IQB0819-02 (MW-106A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0019	ND	0.962	2/11/2007	2/13/2007	
Sample ID: IQB0819-03 (MW-203-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0019	ND	0.962	2/11/2007	2/13/2007	
Sample ID: IQB0819-04 (MW-107A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0019	ND	0.962	2/11/2007	2/13/2007	
Sample ID: IQB0819-05 (W-3A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0020	ND	0.99	2/11/2007	2/13/2007	I
Sample ID: IQB0819-06 (W-4-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0019	ND	0.966	2/11/2007	2/13/2007	
Sample ID: IQB0819-07 (W-1-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0020	ND	0.99	2/11/2007	2/13/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-01 (MW-103-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B08098	0.0020	ND	1	2/8/2007	2/8/2007	
Sample ID: IQB0819-01 (MW-103-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B16118	4.0	ND	1	2/16/2007	2/17/2007	
Sample ID: IQB0819-02 (MW-106A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B08098	0.0020	ND	1	2/8/2007	2/8/2007	
Sample ID: IQB0819-02 (MW-106A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B16118	4.0	ND	1	2/16/2007	2/17/2007	
Sample ID: IQB0819-03 (MW-203-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B08098	0.0020	ND	1	2/8/2007	2/8/2007	
Sample ID: IQB0819-03 (MW-203-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B16118	4.0	ND	1	2/16/2007	2/17/2007	
Sample ID: IQB0819-04 (MW-107A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B08098	0.0020	ND	1	2/8/2007	2/8/2007	
Sample ID: IQB0819-04 (MW-107A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B20115	4.0	ND	1	2/20/2007	2/20/2007	
Sample ID: IQB0819-05 (W-3A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B08098	0.0020	ND	1	2/8/2007	2/8/2007	
Sample ID: IQB0819-05 (W-3A-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B22154	4.0	ND	1	2/22/2007	2/23/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0819-06 (W-4-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B08098	0.0020	ND	1	2/8/2007	2/8/2007	
Sample ID: IQB0819-06 (W-4-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B16118	4.0	ND	1	2/16/2007	2/17/2007	
Sample ID: IQB0819-07 (W-1-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B08098	0.0020	ND	1	2/8/2007	2/8/2007	
Sample ID: IQB0819-07 (W-1-0207 - Water)				**Sampled: 02/08/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B16118	4.0	ND	1	2/16/2007	2/17/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: MW-103-0207 (IQB0819-01) - Water					
EPA 7199	1	02/08/2007 06:30	02/08/2007 17:53	02/08/2007 20:00	02/08/2007 20:37
Sample ID: MW-106A-0207 (IQB0819-02) - Water					
EPA 7199	1	02/08/2007 08:10	02/08/2007 17:53	02/08/2007 20:00	02/08/2007 20:48
Sample ID: MW-203-0207 (IQB0819-03) - Water					
EPA 7199	1	02/08/2007 09:40	02/08/2007 17:53	02/08/2007 20:00	02/08/2007 20:59
Sample ID: MW-107A-0207 (IQB0819-04) - Water					
EPA 7199	1	02/08/2007 10:45	02/08/2007 17:53	02/08/2007 20:00	02/08/2007 21:10
Sample ID: W-3A-0207 (IQB0819-05) - Water					
EPA 7199	1	02/08/2007 12:20	02/08/2007 17:53	02/08/2007 20:00	02/08/2007 21:21
Sample ID: W-4-0207 (IQB0819-06) - Water					
EPA 7199	1	02/08/2007 13:40	02/08/2007 17:53	02/08/2007 20:00	02/08/2007 21:32
Sample ID: W-1-0207 (IQB0819-07) - Water					
EPA 7199	1	02/08/2007 15:00	02/08/2007 17:53	02/08/2007 20:00	02/08/2007 21:43

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B16053 Extracted: 02/16/07										
Blank Analyzed: 02/16/2007 (7B16053-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*8.86*		*ug/l*	*10.0*		*89*	*65-140*			
LCS Analyzed: 02/16/2007 (7B16053-BS1)										
GRO (C4 - C12)	768	50	ug/l	800		96	85-115			
Surrogate 4-BFB (FID)	*13.3*		*ug/l*	*10.0*		*133*	*65-140*			
Matrix Spike Analyzed: 02/16/2007 (7B16053-MS1)					**Source: IQB0819-03**					
GRO (C4 - C12)	343	50	ug/l	220	150	88	65-140			
Surrogate 4-BFB (FID)	*13.0*		*ug/l*	*10.0*		*130*	*65-140*			
Matrix Spike Dup Analyzed: 02/16/2007 (7B16053-MSD1)					**Source: IQB0819-03**					
GRO (C4 - C12)	340	50	ug/l	220	150	86	65-140	1	20	
Surrogate 4-BFB (FID)	*12.7*		*ug/l*	*10.0*		*127*	*65-140*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Blank Analyzed: 02/11/2007 (7B11009-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Blank Analyzed: 02/11/2007 (7B11009-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate Toluene-d8	*27.6*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate 4-Bromofluorobenzene	*21.3*		*ug/l*	*25.0*		*85*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
LCS Analyzed: 02/11/2007 (7B11009-BS1)										
Benzene	23.8	2.0	ug/l	25.0		95	70-120			
Bromobenzene	26.3	5.0	ug/l	25.0		105	75-120			
Bromochloromethane	23.4	5.0	ug/l	25.0		94	70-130			
Bromodichloromethane	24.7	2.0	ug/l	25.0		99	70-135			
Bromoform	24.1	5.0	ug/l	25.0		96	55-130			
Bromomethane	26.1	5.0	ug/l	25.0		104	65-140			
n-Butylbenzene	27.5	5.0	ug/l	25.0		110	70-130			
sec-Butylbenzene	28.2	5.0	ug/l	25.0		113	70-125			
tert-Butylbenzene	28.0	5.0	ug/l	25.0		112	70-125			
Carbon tetrachloride	22.6	5.0	ug/l	25.0		90	65-140			
Chlorobenzene	24.7	2.0	ug/l	25.0		99	75-120			
Chloroethane	25.6	5.0	ug/l	25.0		102	60-140			
Chloroform	24.4	2.0	ug/l	25.0		98	70-130			
Chloromethane	29.6	5.0	ug/l	25.0		118	50-140			
2-Chlorotoluene	28.7	5.0	ug/l	25.0		115	70-125			
4-Chlorotoluene	27.1	5.0	ug/l	25.0		108	75-125			
Dibromochloromethane	25.5	2.0	ug/l	25.0		102	70-140			
1,2-Dibromo-3-chloropropane	28.1	5.0	ug/l	25.0		112	50-135			
1,2-Dibromoethane (EDB)	24.0	2.0	ug/l	25.0		96	75-125			
Dibromomethane	23.8	2.0	ug/l	25.0		95	70-125			
1,2-Dichlorobenzene	27.2	2.0	ug/l	25.0		109	75-120			
1,3-Dichlorobenzene	26.3	2.0	ug/l	25.0		105	75-120			
1,4-Dichlorobenzene	25.4	2.0	ug/l	25.0		102	75-120			
Dichlorodifluoromethane	28.6	5.0	ug/l	25.0		114	35-155			
1,1-Dichloroethane	24.8	2.0	ug/l	25.0		99	70-125			
1,2-Dichloroethane	23.6	2.0	ug/l	25.0		94	60-140			
1,1-Dichloroethene	22.6	5.0	ug/l	25.0		90	70-125			
cis-1,2-Dichloroethene	24.6	2.0	ug/l	25.0		98	70-125			
trans-1,2-Dichloroethene	24.9	2.0	ug/l	25.0		100	70-125			
1,2-Dichloropropane	26.0	2.0	ug/l	25.0		104	70-125			
1,3-Dichloropropane	25.3	2.0	ug/l	25.0		101	70-120			
2,2-Dichloropropane	24.6	2.0	ug/l	25.0		98	65-140			
1,1-Dichloropropene	25.0	2.0	ug/l	25.0		100	75-130			
cis-1,3-Dichloropropene	21.9	2.0	ug/l	25.0		88	75-125			
trans-1,3-Dichloropropene	20.7	2.0	ug/l	25.0		83	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
LCS Analyzed: 02/11/2007 (7B11009-BS1)										
Ethylbenzene	26.0	2.0	ug/l	25.0		104	75-125			
Hexachlorobutadiene	25.9	5.0	ug/l	25.0		104	65-135			
Isopropylbenzene	33.5	2.0	ug/l	25.0		134	75-130			*L*
p-Isopropyltoluene	28.4	2.0	ug/l	25.0		114	75-125			
Methylene chloride	22.4	5.0	ug/l	25.0		90	55-130			
Naphthalene	24.6	5.0	ug/l	25.0		98	55-135			
n-Propylbenzene	29.7	2.0	ug/l	25.0		119	75-130			
Styrene	24.2	2.0	ug/l	25.0		97	75-130			
1,1,1,2-Tetrachloroethane	25.1	5.0	ug/l	25.0		100	70-130			
1,1,2,2-Tetrachloroethane	33.9	2.0	ug/l	25.0		136	55-130			*L*
Tetrachloroethene	24.8	2.0	ug/l	25.0		99	70-125			
Toluene	24.4	2.0	ug/l	25.0		98	70-120			
1,2,3-Trichlorobenzene	24.0	5.0	ug/l	25.0		96	65-125			
1,2,4-Trichlorobenzene	23.7	5.0	ug/l	25.0		95	70-135			
1,1,1-Trichloroethane	23.5	2.0	ug/l	25.0		94	65-135			
1,1,2-Trichloroethane	25.6	2.0	ug/l	25.0		102	70-125			
Trichloroethene	24.2	2.0	ug/l	25.0		97	70-125			
Trichlorofluoromethane	25.2	5.0	ug/l	25.0		101	65-145			
1,2,3-Trichloropropane	31.0	10	ug/l	25.0		124	60-130			
1,2,4-Trimethylbenzene	27.4	2.0	ug/l	25.0		110	75-125			
1,3,5-Trimethylbenzene	29.4	2.0	ug/l	25.0		118	75-125			
Vinyl chloride	26.2	5.0	ug/l	25.0		105	55-135			
o-Xylene	25.3	2.0	ug/l	25.0		101	75-125			
m,p-Xylenes	53.1	2.0	ug/l	50.0		106	75-125			
Xylenes, Total	78.4	4.0	ug/l	75.0		105	70-125			
Di-isopropyl Ether (DIPE)	26.1	5.0	ug/l	25.0		104	60-135			
Ethyl tert-Butyl Ether (ETBE)	24.2	5.0	ug/l	25.0		97	65-135			
tert-Amyl Methyl Ether (TAME)	24.9	5.0	ug/l	25.0		100	60-135			
Methyl-tert-butyl Ether (MTBE)	24.4	5.0	ug/l	25.0		98	60-135			
tert-Butanol (TBA)	115	50	ug/l	125		92	70-135			
Surrogate Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate Toluene-d8	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*23.9*		*ug/l*	*25.0*		*96*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Matrix Spike Analyzed: 02/11/2007 (7B11009-MS1)					**Source: IQB0679-09**					
Benzene	31.2	2.0	ug/l	25.0	6.2	100	65-125			
Bromobenzene	27.2	5.0	ug/l	25.0	ND	109	70-125			
Bromochloromethane	25.6	5.0	ug/l	25.0	ND	102	65-135			
Bromodichloromethane	26.6	2.0	ug/l	25.0	ND	106	70-135			
Bromoform	25.3	5.0	ug/l	25.0	ND	101	55-135			
Bromomethane	25.3	5.0	ug/l	25.0	ND	101	55-145			
n-Butylbenzene	29.6	5.0	ug/l	25.0	ND	118	65-135			
sec-Butylbenzene	29.8	5.0	ug/l	25.0	1.7	112	70-125			
tert-Butylbenzene	28.1	5.0	ug/l	25.0	ND	112	65-130			
Carbon tetrachloride	24.1	5.0	ug/l	25.0	ND	96	65-140			
Chlorobenzene	25.9	2.0	ug/l	25.0	ND	104	75-125			
Chloroethane	26.9	5.0	ug/l	25.0	ND	108	55-140			
Chloroform	25.5	2.0	ug/l	25.0	ND	102	65-135			
Chloromethane	28.8	5.0	ug/l	25.0	ND	115	45-145			
2-Chlorotoluene	31.2	5.0	ug/l	25.0	ND	125	65-135			
4-Chlorotoluene	29.1	5.0	ug/l	25.0	ND	116	70-135			
Dibromochloromethane	27.6	2.0	ug/l	25.0	ND	110	65-140			
1,2-Dibromo-3-chloropropane	31.2	5.0	ug/l	25.0	ND	125	45-145			
1,2-Dibromoethane (EDB)	26.3	2.0	ug/l	25.0	ND	105	70-130			
Dibromomethane	25.5	2.0	ug/l	25.0	ND	102	65-135			
1,2-Dichlorobenzene	27.9	2.0	ug/l	25.0	ND	112	75-125			
1,3-Dichlorobenzene	27.0	2.0	ug/l	25.0	ND	108	75-125			
1,4-Dichlorobenzene	26.2	2.0	ug/l	25.0	ND	105	75-125			
Dichlorodifluoromethane	32.9	5.0	ug/l	25.0	ND	132	25-155			
1,1-Dichloroethane	26.0	2.0	ug/l	25.0	ND	104	65-130			
1,2-Dichloroethane	112	2.0	ug/l	25.0	85	108	60-140			
1,1-Dichloroethene	23.2	5.0	ug/l	25.0	ND	93	60-130			
cis-1,2-Dichloroethene	26.0	2.0	ug/l	25.0	ND	104	65-130			
trans-1,2-Dichloroethene	25.6	2.0	ug/l	25.0	ND	102	65-130			
1,2-Dichloropropane	28.1	2.0	ug/l	25.0	ND	112	65-130			
1,3-Dichloropropane	26.4	2.0	ug/l	25.0	ND	106	65-135			
2,2-Dichloropropane	25.4	2.0	ug/l	25.0	ND	102	60-145			
1,1-Dichloropropene	26.6	2.0	ug/l	25.0	ND	106	70-135			
cis-1,3-Dichloropropene	23.8	2.0	ug/l	25.0	ND	95	70-130			
trans-1,3-Dichloropropene	23.0	2.0	ug/l	25.0	ND	92	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Matrix Spike Analyzed: 02/11/2007 (7B11009-MS1)					**Source: IQB0679-09**					
Ethylbenzene	37.9	2.0	ug/l	25.0	11	108	65-130			
Hexachlorobutadiene	27.6	5.0	ug/l	25.0	ND	110	60-135			
p-Isopropyltoluene	29.2	2.0	ug/l	25.0	0.33	115	65-130			
Methylene chloride	24.2	5.0	ug/l	25.0	ND	97	50-135			
Naphthalene	48.7	5.0	ug/l	25.0	21	111	50-140			
n-Propylbenzene	32.2	2.0	ug/l	25.0	3.5	115	70-135			
Styrene	2.45	2.0	ug/l	25.0	ND	10	50-145			*M2*
1,1,1,2-Tetrachloroethane	27.1	5.0	ug/l	25.0	ND	108	65-140			
1,1,2,2-Tetrachloroethane	31.8	2.0	ug/l	25.0	ND	127	55-135			
Tetrachloroethene	26.6	2.0	ug/l	25.0	0.60	104	65-130			
Toluene	35.4	2.0	ug/l	25.0	8.9	106	70-125			
1,2,3-Trichlorobenzene	26.7	5.0	ug/l	25.0	ND	107	60-135			
1,2,4-Trichlorobenzene	25.8	5.0	ug/l	25.0	ND	103	65-135			
1,1,1-Trichloroethane	25.2	2.0	ug/l	25.0	ND	101	65-140			
1,1,2-Trichloroethane	28.4	2.0	ug/l	25.0	ND	114	65-130			
Trichloroethene	26.8	2.0	ug/l	25.0	ND	107	65-125			
Trichlorofluoromethane	26.1	5.0	ug/l	25.0	ND	104	60-145			
1,2,3-Trichloropropane	32.0	10	ug/l	25.0	ND	128	55-135			
1,2,4-Trimethylbenzene	47.8	2.0	ug/l	25.0	22	103	55-135			
1,3,5-Trimethylbenzene	44.2	2.0	ug/l	25.0	18	105	70-130			
Vinyl chloride	26.3	5.0	ug/l	25.0	ND	105	45-140			
o-Xylene	71.8	2.0	ug/l	25.0	47	99	65-125			
m,p-Xylenes	60.9	2.0	ug/l	50.0	6.2	109	65-130			
Xylenes, Total	133	4.0	ug/l	75.0	53	107	60-130			
Di-isopropyl Ether (DIPE)	30.3	5.0	ug/l	25.0	2.3	112	60-140			
Ethyl tert-Butyl Ether (ETBE)	26.8	5.0	ug/l	25.0	ND	107	60-135			
tert-Amyl Methyl Ether (TAME)	28.1	5.0	ug/l	25.0	0.66	110	60-140			
Methyl-tert-butyl Ether (MTBE)	226	5.0	ug/l	25.0	190	144	55-145			*MHA*
tert-Butanol (TBA)	206	50	ug/l	125	81	100	65-140			
Surrogate Dibromofluoromethane	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate Toluene-d8	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Matrix Spike Dup Analyzed: 02/11/2007 (7B11009-MSD1)					**Source: IQB0679-09**					
Benzene	31.3	2.0	ug/l	25.0	6.2	100	65-125	0	20	
Bromobenzene	28.8	5.0	ug/l	25.0	ND	115	70-125	6	20	
Bromochloromethane	25.0	5.0	ug/l	25.0	ND	100	65-135	2	25	
Bromodichloromethane	27.2	2.0	ug/l	25.0	ND	109	70-135	2	20	
Bromoform	27.1	5.0	ug/l	25.0	ND	108	55-135	7	25	
Bromomethane	25.1	5.0	ug/l	25.0	ND	100	55-145	1	25	
n-Butylbenzene	32.0	5.0	ug/l	25.0	ND	128	65-135	8	20	
sec-Butylbenzene	31.8	5.0	ug/l	25.0	1.7	120	70-125	6	20	
tert-Butylbenzene	29.8	5.0	ug/l	25.0	ND	119	65-130	6	20	
Carbon tetrachloride	24.8	5.0	ug/l	25.0	ND	99	65-140	3	25	
Chlorobenzene	27.0	2.0	ug/l	25.0	ND	108	75-125	4	20	
Chloroethane	26.2	5.0	ug/l	25.0	ND	105	55-140	3	25	
Chloroform	25.3	2.0	ug/l	25.0	ND	101	65-135	1	20	
Chloromethane	27.9	5.0	ug/l	25.0	ND	112	45-145	3	25	
2-Chlorotoluene	33.0	5.0	ug/l	25.0	ND	132	65-135	6	20	
4-Chlorotoluene	30.5	5.0	ug/l	25.0	ND	122	70-135	5	20	
Dibromochloromethane	28.1	2.0	ug/l	25.0	ND	112	65-140	2	25	
1,2-Dibromo-3-chloropropane	33.1	5.0	ug/l	25.0	ND	132	45-145	6	30	
1,2-Dibromoethane (EDB)	26.0	2.0	ug/l	25.0	ND	104	70-130	1	25	
Dibromomethane	25.3	2.0	ug/l	25.0	ND	101	65-135	1	25	
1,2-Dichlorobenzene	30.4	2.0	ug/l	25.0	ND	122	75-125	9	20	
1,3-Dichlorobenzene	28.8	2.0	ug/l	25.0	ND	115	75-125	6	20	
1,4-Dichlorobenzene	28.8	2.0	ug/l	25.0	ND	115	75-125	9	20	
Dichlorodifluoromethane	31.4	5.0	ug/l	25.0	ND	126	25-155	5	30	
1,1-Dichloroethane	25.4	2.0	ug/l	25.0	ND	102	65-130	2	20	
1,2-Dichloroethane	112	2.0	ug/l	25.0	85	108	60-140	0	20	
1,1-Dichloroethene	23.0	5.0	ug/l	25.0	ND	92	60-130	1	20	
cis-1,2-Dichloroethene	26.2	2.0	ug/l	25.0	ND	105	65-130	1	20	
trans-1,2-Dichloroethene	25.4	2.0	ug/l	25.0	ND	102	65-130	1	20	
1,2-Dichloropropane	27.9	2.0	ug/l	25.0	ND	112	65-130	1	20	
1,3-Dichloropropane	27.4	2.0	ug/l	25.0	ND	110	65-135	4	25	
2,2-Dichloropropane	24.4	2.0	ug/l	25.0	ND	98	60-145	4	25	
1,1-Dichloropropene	27.0	2.0	ug/l	25.0	ND	108	70-135	1	20	
cis-1,3-Dichloropropene	23.6	2.0	ug/l	25.0	ND	94	70-130	1	20	
trans-1,3-Dichloropropene	22.8	2.0	ug/l	25.0	ND	91	65-135	1	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11009 Extracted: 02/11/07										
Matrix Spike Dup Analyzed: 02/11/2007 (7B11009-MSD1)					**Source: IQB0679-09**					
Ethylbenzene	38.2	2.0	ug/l	25.0	11	109	65-130	1	20	
Hexachlorobutadiene	29.5	5.0	ug/l	25.0	ND	118	60-135	7	20	
p-Isopropyltoluene	31.0	2.0	ug/l	25.0	0.33	123	65-130	6	20	
Methylene chloride	22.4	5.0	ug/l	25.0	ND	90	50-135	8	20	
Naphthalene	51.5	5.0	ug/l	25.0	21	122	50-140	6	30	
n-Propylbenzene	33.6	2.0	ug/l	25.0	3.5	120	70-135	4	20	
Styrene	1.78	2.0	ug/l	25.0	ND	7	50-145	32	30	*M2*
1,1,1,2-Tetrachloroethane	28.1	5.0	ug/l	25.0	ND	112	65-140	4	20	
1,1,2,2-Tetrachloroethane	32.6	2.0	ug/l	25.0	ND	130	55-135	2	30	
Tetrachloroethene	27.0	2.0	ug/l	25.0	0.60	106	65-130	1	20	
Toluene	35.6	2.0	ug/l	25.0	8.9	107	70-125	1	20	
1,2,3-Trichlorobenzene	29.8	5.0	ug/l	25.0	ND	119	60-135	11	20	
1,2,4-Trichlorobenzene	29.7	5.0	ug/l	25.0	ND	119	65-135	14	20	
1,1,1-Trichloroethane	24.9	2.0	ug/l	25.0	ND	100	65-140	1	20	
1,1,2-Trichloroethane	27.9	2.0	ug/l	25.0	ND	112	65-130	2	25	
Trichloroethene	27.2	2.0	ug/l	25.0	ND	109	65-125	1	20	
Trichlorofluoromethane	25.6	5.0	ug/l	25.0	ND	102	60-145	2	25	
1,2,3-Trichloropropane	32.8	10	ug/l	25.0	ND	131	55-135	2	30	
1,2,4-Trimethylbenzene	49.1	2.0	ug/l	25.0	22	108	55-135	3	25	
1,3,5-Trimethylbenzene	46.1	2.0	ug/l	25.0	18	112	70-130	4	20	
Vinyl chloride	26.0	5.0	ug/l	25.0	ND	104	45-140	1	30	
o-Xylene	74.2	2.0	ug/l	25.0	47	109	65-125	3	20	
m,p-Xylenes	62.0	2.0	ug/l	50.0	6.2	112	65-130	2	25	
Xylenes, Total	136	4.0	ug/l	75.0	53	111	60-130	2	20	
Di-isopropyl Ether (DIPE)	29.6	5.0	ug/l	25.0	2.3	109	60-140	2	25	
Ethyl tert-Butyl Ether (ETBE)	26.1	5.0	ug/l	25.0	ND	104	60-135	3	25	
tert-Amyl Methyl Ether (TAME)	27.5	5.0	ug/l	25.0	0.66	107	60-140	2	30	
Methyl-tert-butyl Ether (MTBE)	227	5.0	ug/l	25.0	190	148	55-145	0	25	*MHA*
tert-Butanol (TBA)	219	50	ug/l	125	81	110	65-140	6	25	
Surrogate Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B12019 Extracted: 02/12/07										
Blank Analyzed: 02/12/2007 (7B12019-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B12019 Extracted: 02/12/07										
Blank Analyzed: 02/12/2007 (7B12019-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*27.1*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B12019 Extracted: 02/12/07										
LCS Analyzed: 02/12/2007 (7B12019-BS1)										
Benzene	21.5	2.0	ug/l	25.0		86	70-120			
Bromobenzene	24.6	5.0	ug/l	25.0		98	75-120			
Bromochloromethane	22.6	5.0	ug/l	25.0		90	70-130			
Bromodichloromethane	27.2	2.0	ug/l	25.0		109	70-135			
Bromoform	26.4	5.0	ug/l	25.0		106	55-130			
Bromomethane	24.2	5.0	ug/l	25.0		97	65-140			
n-Butylbenzene	25.4	5.0	ug/l	25.0		102	70-130			
sec-Butylbenzene	24.8	5.0	ug/l	25.0		99	70-125			
tert-Butylbenzene	25.1	5.0	ug/l	25.0		100	70-125			
Carbon tetrachloride	32.0	5.0	ug/l	25.0		128	65-140			
Chlorobenzene	24.9	2.0	ug/l	25.0		100	75-120			
Chloroethane	21.8	5.0	ug/l	25.0		87	60-140			
Chloroform	25.2	2.0	ug/l	25.0		101	70-130			
Chloromethane	20.3	5.0	ug/l	25.0		81	50-140			
2-Chlorotoluene	24.6	5.0	ug/l	25.0		98	70-125			
4-Chlorotoluene	25.0	5.0	ug/l	25.0		100	75-125			
Dibromochloromethane	30.5	2.0	ug/l	25.0		122	70-140			
1,2-Dibromo-3-chloropropane	24.0	5.0	ug/l	25.0		96	50-135			
1,2-Dibromoethane (EDB)	24.1	2.0	ug/l	25.0		96	75-125			
Dibromomethane	24.4	2.0	ug/l	25.0		98	70-125			
1,2-Dichlorobenzene	25.1	2.0	ug/l	25.0		100	75-120			
1,3-Dichlorobenzene	25.4	2.0	ug/l	25.0		102	75-120			
1,4-Dichlorobenzene	24.6	2.0	ug/l	25.0		98	75-120			
Dichlorodifluoromethane	22.3	5.0	ug/l	25.0		89	35-155			
1,1-Dichloroethane	21.9	2.0	ug/l	25.0		88	70-125			
1,2-Dichloroethane	28.4	2.0	ug/l	25.0		114	60-140			
1,1-Dichloroethene	21.4	5.0	ug/l	25.0		86	70-125			
cis-1,2-Dichloroethene	21.7	2.0	ug/l	25.0		87	70-125			
trans-1,2-Dichloroethene	21.4	2.0	ug/l	25.0		86	70-125			
1,2-Dichloropropane	22.1	2.0	ug/l	25.0		88	70-125			
1,3-Dichloropropane	24.1	2.0	ug/l	25.0		96	70-120			
2,2-Dichloropropane	29.5	2.0	ug/l	25.0		118	65-140			
1,1-Dichloropropene	24.8	2.0	ug/l	25.0		99	75-130			
cis-1,3-Dichloropropene	22.6	2.0	ug/l	25.0		90	75-125			
trans-1,3-Dichloropropene	25.1	2.0	ug/l	25.0		100	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B12019 Extracted: 02/12/07										
LCS Analyzed: 02/12/2007 (7B12019-BS1)										
Ethylbenzene	26.7	2.0	ug/l	25.0		107	75-125			
Hexachlorobutadiene	27.8	5.0	ug/l	25.0		111	65-135			
Isopropylbenzene	28.0	2.0	ug/l	25.0		112	75-130			
p-Isopropyltoluene	26.6	2.0	ug/l	25.0		106	75-125			
Methylene chloride	19.0	5.0	ug/l	25.0		76	55-130			
Naphthalene	22.2	5.0	ug/l	25.0		89	55-135			
n-Propylbenzene	25.3	2.0	ug/l	25.0		101	75-130			
Styrene	25.3	2.0	ug/l	25.0		101	75-130			
1,1,1,2-Tetrachloroethane	31.5	5.0	ug/l	25.0		126	70-130			
1,1,2,2-Tetrachloroethane	17.3	2.0	ug/l	25.0		69	55-130			
Tetrachloroethene	26.6	2.0	ug/l	25.0		106	70-125			
Toluene	23.6	2.0	ug/l	25.0		94	70-120			
1,2,3-Trichlorobenzene	24.9	5.0	ug/l	25.0		100	65-125			
1,2,4-Trichlorobenzene	25.8	5.0	ug/l	25.0		103	70-135			
1,1,1-Trichloroethane	28.0	2.0	ug/l	25.0		112	65-135			
1,1,2-Trichloroethane	23.2	2.0	ug/l	25.0		93	70-125			
Trichloroethene	26.6	2.0	ug/l	25.0		106	70-125			
Trichlorofluoromethane	30.5	5.0	ug/l	25.0		122	65-145			
1,2,3-Trichloropropane	21.8	10	ug/l	25.0		87	60-130			
1,2,4-Trimethylbenzene	26.6	2.0	ug/l	25.0		106	75-125			
1,3,5-Trimethylbenzene	26.9	2.0	ug/l	25.0		108	75-125			
Vinyl chloride	24.2	5.0	ug/l	25.0		97	55-135			
o-Xylene	25.2	2.0	ug/l	25.0		101	75-125			
m,p-Xylenes	51.2	2.0	ug/l	50.0		102	75-125			
Xylenes, Total	76.4	4.0	ug/l	75.0		102	70-125			
Di-isopropyl Ether (DIPE)	21.8	5.0	ug/l	25.0		87	60-135			
Ethyl tert-Butyl Ether (ETBE)	22.4	5.0	ug/l	25.0		90	65-135			
tert-Amyl Methyl Ether (TAME)	22.7	5.0	ug/l	25.0		91	60-135			
Methyl-tert-butyl Ether (MTBE)	22.9	5.0	ug/l	25.0		92	60-135			
tert-Butanol (TBA)	121	50	ug/l	125		97	70-135			
Surrogate Dibromofluoromethane	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate 4-Bromofluorobenzene	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B12019 Extracted: 02/12/07										
Matrix Spike Analyzed: 02/12/2007 (7B12019-MS1)					**Source: IQB0819-05**					
Benzene	21.3	2.0	ug/l	25.0	0.61	83	65-125			
Bromobenzene	22.6	5.0	ug/l	25.0	ND	90	70-125			
Bromochloromethane	19.0	5.0	ug/l	25.0	ND	76	65-135			
Bromodichloromethane	23.6	2.0	ug/l	25.0	ND	94	70-135			
Bromoform	21.2	5.0	ug/l	25.0	ND	85	55-135			
Bromomethane	22.2	5.0	ug/l	25.0	ND	89	55-145			
n-Butylbenzene	29.6	5.0	ug/l	25.0	11	74	65-135			
sec-Butylbenzene	27.7	5.0	ug/l	25.0	6.7	84	70-125			
tert-Butylbenzene	25.7	5.0	ug/l	25.0	1.4	97	65-130			
Carbon tetrachloride	29.3	5.0	ug/l	25.0	ND	117	65-140			
Chlorobenzene	22.5	2.0	ug/l	25.0	ND	90	75-125			
Chloroethane	22.9	5.0	ug/l	25.0	ND	92	55-140			
Chloroform	20.8	2.0	ug/l	25.0	ND	83	65-135			
Chloromethane	19.6	5.0	ug/l	25.0	ND	78	45-145			
2-Chlorotoluene	23.0	5.0	ug/l	25.0	ND	92	65-135			
4-Chlorotoluene	23.7	5.0	ug/l	25.0	ND	95	70-135			
Dibromochloromethane	24.6	2.0	ug/l	25.0	ND	98	65-140			
1,2-Dibromo-3-chloropropane	20.2	5.0	ug/l	25.0	ND	81	45-145			
1,2-Dibromoethane (EDB)	20.2	2.0	ug/l	25.0	ND	81	70-130			
Dibromomethane	20.8	2.0	ug/l	25.0	ND	83	65-135			
1,2-Dichlorobenzene	21.6	2.0	ug/l	25.0	ND	86	75-125			
1,3-Dichlorobenzene	23.2	2.0	ug/l	25.0	ND	93	75-125			
1,4-Dichlorobenzene	22.9	2.0	ug/l	25.0	ND	92	75-125			
Dichlorodifluoromethane	21.4	5.0	ug/l	25.0	ND	86	25-155			
1,1-Dichloroethane	19.6	2.0	ug/l	25.0	ND	78	65-130			
1,2-Dichloroethane	22.0	2.0	ug/l	25.0	ND	88	60-140			
1,1-Dichloroethene	19.1	5.0	ug/l	25.0	ND	76	60-130			
cis-1,2-Dichloroethene	19.6	2.0	ug/l	25.0	ND	78	65-130			
trans-1,2-Dichloroethene	20.5	2.0	ug/l	25.0	ND	82	65-130			
1,2-Dichloropropane	20.1	2.0	ug/l	25.0	ND	80	65-130			
1,3-Dichloropropane	19.8	2.0	ug/l	25.0	ND	79	65-135			
2,2-Dichloropropane	28.3	2.0	ug/l	25.0	ND	113	60-145			
1,1-Dichloropropene	25.0	2.0	ug/l	25.0	ND	100	70-135			
cis-1,3-Dichloropropene	20.5	2.0	ug/l	25.0	ND	82	70-130			
trans-1,3-Dichloropropene	21.0	2.0	ug/l	25.0	ND	84	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B12019 Extracted: 02/12/07										
Matrix Spike Analyzed: 02/12/2007 (7B12019-MS1)					**Source: IQB0819-05**					
Ethylbenzene	25.6	2.0	ug/l	25.0	ND	102	65-130			
Hexachlorobutadiene	26.1	5.0	ug/l	25.0	ND	104	60-135			
Isopropylbenzene	36.0	2.0	ug/l	25.0	11	100	70-135			
p-Isopropyltoluene	26.9	2.0	ug/l	25.0	ND	108	65-130			
Methylene chloride	15.8	5.0	ug/l	25.0	ND	63	50-135			
Naphthalene	39.2	5.0	ug/l	25.0	30	37	50-140			*M2*
n-Propylbenzene	34.9	2.0	ug/l	25.0	14	84	70-135			
Styrene	22.8	2.0	ug/l	25.0	ND	91	50-145			
1,1,1,2-Tetrachloroethane	26.7	5.0	ug/l	25.0	ND	107	65-140			
1,1,2,2-Tetrachloroethane	17.8	2.0	ug/l	25.0	ND	71	55-135			
Tetrachloroethene	24.3	2.0	ug/l	25.0	ND	97	65-130			
Toluene	23.5	2.0	ug/l	25.0	ND	94	70-125			
1,2,3-Trichlorobenzene	23.1	5.0	ug/l	25.0	ND	92	60-135			
1,2,4-Trichlorobenzene	23.5	5.0	ug/l	25.0	ND	94	65-135			
1,1,1-Trichloroethane	24.5	2.0	ug/l	25.0	ND	98	65-140			
1,1,2-Trichloroethane	20.3	2.0	ug/l	25.0	ND	81	65-130			
Trichloroethene	24.1	2.0	ug/l	25.0	ND	96	65-125			
Trichlorofluoromethane	27.4	5.0	ug/l	25.0	ND	110	60-145			
1,2,3-Trichloropropane	19.0	10	ug/l	25.0	ND	76	55-135			
1,2,4-Trimethylbenzene	27.7	2.0	ug/l	25.0	3.9	95	55-135			
1,3,5-Trimethylbenzene	29.4	2.0	ug/l	25.0	6.1	93	70-130			
Vinyl chloride	23.9	5.0	ug/l	25.0	ND	96	45-140			
o-Xylene	23.0	2.0	ug/l	25.0	ND	92	65-125			
m,p-Xylenes	48.3	2.0	ug/l	50.0	ND	97	65-130			
Xylenes, Total	71.4	4.0	ug/l	75.0	ND	95	60-130			
Di-isopropyl Ether (DIPE)	18.3	5.0	ug/l	25.0	ND	73	60-140			
Ethyl tert-Butyl Ether (ETBE)	18.5	5.0	ug/l	25.0	ND	74	60-135			
tert-Amyl Methyl Ether (TAME)	18.0	5.0	ug/l	25.0	ND	72	60-140			
Methyl-tert-butyl Ether (MTBE)	26.2	5.0	ug/l	25.0	8.4	71	55-145			
tert-Butanol (TBA)	137	50	ug/l	125	13	99	65-140			
Surrogate Dibromofluoromethane	*22.0*		*ug/l*	*25.0*		*88*	*80-120*			
Surrogate Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B12019 Extracted: 02/12/07										
Matrix Spike Dup Analyzed: 02/12/2007 (7B12019-MSD1)					**Source: IQB0819-05**					
Benzene	21.8	2.0	ug/l	25.0	0.61	85	65-125	2	20	
Bromobenzene	22.7	5.0	ug/l	25.0	ND	91	70-125	0	20	
Bromochloromethane	20.1	5.0	ug/l	25.0	ND	80	65-135	6	25	
Bromodichloromethane	23.2	2.0	ug/l	25.0	ND	93	70-135	2	20	
Bromoform	21.7	5.0	ug/l	25.0	ND	87	55-135	2	25	
Bromomethane	22.7	5.0	ug/l	25.0	ND	91	55-145	2	25	
n-Butylbenzene	26.6	5.0	ug/l	25.0	11	62	65-135	11	20	*M2*
sec-Butylbenzene	24.7	5.0	ug/l	25.0	6.7	72	70-125	11	20	
tert-Butylbenzene	22.4	5.0	ug/l	25.0	1.4	84	65-130	14	20	
Carbon tetrachloride	27.9	5.0	ug/l	25.0	ND	112	65-140	5	25	
Chlorobenzene	23.0	2.0	ug/l	25.0	ND	92	75-125	2	20	
Chloroethane	22.9	5.0	ug/l	25.0	ND	92	55-140	0	25	
Chloroform	20.7	2.0	ug/l	25.0	ND	83	65-135	1	20	
Chloromethane	20.7	5.0	ug/l	25.0	ND	83	45-145	5	25	
2-Chlorotoluene	22.5	5.0	ug/l	25.0	ND	90	65-135	2	20	
4-Chlorotoluene	23.0	5.0	ug/l	25.0	ND	92	70-135	3	20	
Dibromochloromethane	25.8	2.0	ug/l	25.0	ND	103	65-140	5	25	
1,2-Dibromo-3-chloropropane	22.1	5.0	ug/l	25.0	ND	88	45-145	9	30	
1,2-Dibromoethane (EDB)	20.6	2.0	ug/l	25.0	ND	82	70-130	2	25	
Dibromomethane	20.7	2.0	ug/l	25.0	ND	83	65-135	1	25	
1,2-Dichlorobenzene	21.5	2.0	ug/l	25.0	ND	86	75-125	1	20	
1,3-Dichlorobenzene	22.7	2.0	ug/l	25.0	ND	91	75-125	2	20	
1,4-Dichlorobenzene	22.5	2.0	ug/l	25.0	ND	90	75-125	2	20	
Dichlorodifluoromethane	21.5	5.0	ug/l	25.0	ND	86	25-155	1	30	
1,1-Dichloroethane	19.8	2.0	ug/l	25.0	ND	79	65-130	1	20	
1,2-Dichloroethane	22.4	2.0	ug/l	25.0	ND	90	60-140	2	20	
1,1-Dichloroethene	19.6	5.0	ug/l	25.0	ND	78	60-130	3	20	
cis-1,2-Dichloroethene	19.5	2.0	ug/l	25.0	ND	78	65-130	1	20	
trans-1,2-Dichloroethene	20.6	2.0	ug/l	25.0	ND	82	65-130	1	20	
1,2-Dichloropropane	20.8	2.0	ug/l	25.0	ND	83	65-130	3	20	
1,3-Dichloropropane	20.5	2.0	ug/l	25.0	ND	82	65-135	3	25	
2,2-Dichloropropane	26.0	2.0	ug/l	25.0	ND	104	60-145	8	25	
1,1-Dichloropropene	24.5	2.0	ug/l	25.0	ND	98	70-135	2	20	
cis-1,3-Dichloropropene	21.1	2.0	ug/l	25.0	ND	84	70-130	3	20	
trans-1,3-Dichloropropene	21.6	2.0	ug/l	25.0	ND	86	65-135	3	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B12019 Extracted: 02/12/07										
Matrix Spike Dup Analyzed: 02/12/2007 (7B12019-MSD1)					**Source: IQB0819-05**					
Ethylbenzene	24.8	2.0	ug/l	25.0	ND	99	65-130	3	20	
Hexachlorobutadiene	14.2	5.0	ug/l	25.0	ND	57	60-135	59	20	*M2*
Isopropylbenzene	35.2	2.0	ug/l	25.0	11	97	70-135	2	20	
p-Isopropyltoluene	23.1	2.0	ug/l	25.0	ND	92	65-130	15	20	
Methylene chloride	17.0	5.0	ug/l	25.0	ND	68	50-135	7	20	
Naphthalene	42.2	5.0	ug/l	25.0	30	49	50-140	7	30	*M2*
n-Propylbenzene	34.0	2.0	ug/l	25.0	14	80	70-135	3	20	
Styrene	23.0	2.0	ug/l	25.0	ND	92	50-145	1	30	
1,1,1,2-Tetrachloroethane	26.6	5.0	ug/l	25.0	ND	106	65-140	0	20	
1,1,2,2-Tetrachloroethane	18.5	2.0	ug/l	25.0	ND	74	55-135	4	30	
Tetrachloroethene	23.8	2.0	ug/l	25.0	ND	95	65-130	2	20	
Toluene	23.6	2.0	ug/l	25.0	ND	94	70-125	0	20	
1,2,3-Trichlorobenzene	20.8	5.0	ug/l	25.0	ND	83	60-135	10	20	
1,2,4-Trichlorobenzene	20.4	5.0	ug/l	25.0	ND	82	65-135	14	20	
1,1,1-Trichloroethane	23.7	2.0	ug/l	25.0	ND	95	65-140	3	20	
1,1,2-Trichloroethane	22.2	2.0	ug/l	25.0	ND	89	65-130	9	25	
Trichloroethene	24.0	2.0	ug/l	25.0	ND	96	65-125	0	20	
Trichlorofluoromethane	25.7	5.0	ug/l	25.0	ND	103	60-145	6	25	
1,2,3-Trichloropropane	20.1	10	ug/l	25.0	ND	80	55-135	6	30	
1,2,4-Trimethylbenzene	26.1	2.0	ug/l	25.0	3.9	89	55-135	6	25	
1,3,5-Trimethylbenzene	28.4	2.0	ug/l	25.0	6.1	89	70-130	3	20	
Vinyl chloride	23.8	5.0	ug/l	25.0	ND	95	45-140	0	30	
o-Xylene	22.8	2.0	ug/l	25.0	ND	91	65-125	1	20	
m,p-Xylenes	47.1	2.0	ug/l	50.0	ND	94	65-130	3	25	
Xylenes, Total	69.9	4.0	ug/l	75.0	ND	93	60-130	2	20	
Di-isopropyl Ether (DIPE)	18.7	5.0	ug/l	25.0	ND	75	60-140	2	25	
Ethyl tert-Butyl Ether (ETBE)	19.5	5.0	ug/l	25.0	ND	78	60-135	5	25	
tert-Amyl Methyl Ether (TAME)	19.5	5.0	ug/l	25.0	ND	78	60-140	8	30	
Methyl-tert-butyl Ether (MTBE)	27.5	5.0	ug/l	25.0	8.4	76	55-145	5	25	
tert-Butanol (TBA)	140	50	ug/l	125	13	102	65-140	2	25	
Surrogate Dibromofluoromethane	*22.5*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate Toluene-d8	*25.9*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14013 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14013-BLK1)										
Isopropylbenzene	ND	2.0	ug/l							
Surrogate Dibromofluoromethane	*22.7*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
LCS Analyzed: 02/14/2007 (7B14013-BS1)										
Isopropylbenzene	29.2	2.0	ug/l	25.0		117	75-130			
Surrogate Dibromofluoromethane	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate Toluene-d8	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			
Matrix Spike Analyzed: 02/14/2007 (7B14013-MS1)					**Source: IQB0216-01RE1**					
Isopropylbenzene	29.1	2.0	ug/l	25.0	ND	116	70-135			
Surrogate Dibromofluoromethane	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate Toluene-d8	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Matrix Spike Dup Analyzed: 02/14/2007 (7B14013-MSD1)					**Source: IQB0216-01RE1**					
Isopropylbenzene	29.6	2.0	ug/l	25.0	ND	118	70-135	2	20	
Surrogate Dibromofluoromethane	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11033 Extracted: 02/11/07										
Blank Analyzed: 02/13/2007 (7B11033-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate 1,4-Dioxane-d8	*1.39*		*ug/l*	*2.00*		*70*	*30-120*			
LCS Analyzed: 02/13/2007 (7B11033-BS1)										**MNR1**
1,4-Dioxane	1.48	0.50	ug/l	2.00		74	35-120			
Surrogate 1,4-Dioxane-d8	*1.23*		*ug/l*	*2.00*		*62*	*30-120*			
LCS Dup Analyzed: 02/13/2007 (7B11033-BSD1)										
1,4-Dioxane	1.28	0.50	ug/l	2.00		64	35-120	14	25	
Surrogate 1,4-Dioxane-d8	*1.16*		*ug/l*	*2.00*		*58*	*30-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11033 Extracted: 02/11/07										
Blank Analyzed: 02/13/2007 (7B11033-BLK1)										
N-Nitrosodimethylamine	ND	0.0020	ug/l							
LCS Analyzed: 02/13/2007 (7B11033-BS1)										**MNR1**
N-Nitrosodimethylamine	0.00920	0.0020	ug/l	0.0100		92	60-140			
LCS Analyzed: 02/13/2007 (7B11033-BS2)										
N-Nitrosodimethylamine	0.00236	0.0020	ug/l	0.00200		118	60-140			
LCS Dup Analyzed: 02/13/2007 (7B11033-BSD1)										
N-Nitrosodimethylamine	0.00944	0.0020	ug/l	0.0100		94	60-140	3	30	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B08098 Extracted: 02/08/07										
Blank Analyzed: 02/08/2007 (7B08098-BLK1)										
Chromium VI	ND	0.0020	mg/l							
LCS Analyzed: 02/08/2007 (7B08098-BS1)										
Chromium VI	0.0475	0.0020	mg/l	0.0500		95	90-110			
Matrix Spike Analyzed: 02/08/2007 (7B08098-MS1)					**Source: IQB0713-02**					
Chromium VI	0.0564	0.0020	mg/l	0.0500	0.0082	96	80-115			
Matrix Spike Dup Analyzed: 02/08/2007 (7B08098-MSD1)					**Source: IQB0713-02**					
Chromium VI	0.0571	0.0020	mg/l	0.0500	0.0082	98	80-115	1	15	
Batch: 7B16118 Extracted: 02/16/07										
Blank Analyzed: 02/17/2007 (7B16118-BLK1)										
Perchlorate	ND	4.0	ug/l							
LCS Analyzed: 02/17/2007 (7B16118-BS1)										
Perchlorate	49.6	4.0	ug/l	50.0		99	85-115			
Matrix Spike Analyzed: 02/17/2007 (7B16118-MS1)					**Source: IQB0801-01**					
Perchlorate	49.5	4.0	ug/l	50.0	1.9	95	80-120			
Matrix Spike Dup Analyzed: 02/17/2007 (7B16118-MSD1)					**Source: IQB0801-01**					
Perchlorate	48.8	4.0	ug/l	50.0	1.9	94	80-120	1	20	
Batch: 7B20115 Extracted: 02/20/07										
Blank Analyzed: 02/20/2007 (7B20115-BLK1)										
Perchlorate	ND	4.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B20115 Extracted: 02/20/07										
LCS Analyzed: 02/20/2007 (7B20115-BS1)										
Perchlorate	45.3	4.0	ug/l	50.0		91	85-115			
Matrix Spike Analyzed: 02/20/2007 (7B20115-MS1)					**Source: IQB0971-01**					
Perchlorate	45.1	4.0	ug/l	50.0	ND	90	80-120			
Matrix Spike Dup Analyzed: 02/20/2007 (7B20115-MSD1)					**Source: IQB0971-01**					
Perchlorate	47.8	4.0	ug/l	50.0	ND	96	80-120	6	20	
Batch: 7B22154 Extracted: 02/22/07										
Blank Analyzed: 02/22/2007 (7B22154-BLK1)										
Perchlorate	ND	4.0	ug/l							
LCS Analyzed: 02/22/2007 (7B22154-BS1)										
Perchlorate	53.9	4.0	ug/l	50.0		108	85-115			
Matrix Spike Analyzed: 02/22/2007 (7B22154-MS1)					**Source: IQB1432-04**					
Perchlorate	95.6	4.0	ug/l	50.0	46	99	80-120			
Matrix Spike Dup Analyzed: 02/22/2007 (7B22154-MSD1)					**Source: IQB1432-04**					
Perchlorate	94.9	4.0	ug/l	50.0	46	98	80-120	1	20	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Jennifer Wiley

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0819

Sampled: 02/08/07
Received: 02/08/07

DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
QP	Hydrocarbon result partly due to individual peak(s) in quantitation range.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For GRO (C4-C12):

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

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee 2600 Michelson Drive, Suite 830 Irvine, CA 92612 Attention: Jennifer Wiley	Project ID: Former Cenco Refinery - 2006 54205.001 Report Number: IQB0819	Sampled: 02/08/07 Received: 02/08/07

Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1625C-CI Mod	Water		
EPA 314.0	Water	N/A	X
EPA 7199	Water	X	X
EPA 8015B	Water	X	X
EPA 8260B	Water	X	X
EPA 8270C	Water	X	X

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

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
4625 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2526 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

10B0XM

Page ___ of ___

Client Name/Address: Brandon Bkr

Project/PO Number: Former Sun Kist 54200.001

Project Manager: Jennifer Wiley

Phone Number: 474 9052

Sampler: Matt Worthington

Fax Number: 474-9345

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	NDMA 1625	1,4 Dioxane 8260	BTEX 8260B + MTBE	8015g (Lab)	Chromium VI	Perchlorate 314.0				Special Instructions
MW-103-0207	Liquid	Vapor	10	2/8/07	6:30	HCL/ice	X	X	X	X	X	X				
MW-106A-0207			10		8:10		X	X	X	X	X	X				
MW-203-0207			10		9:40		X	X	X	X	X	X				
MW-107A-0207			10		10:45		X	X	X	X	X	X				
W-3A-0207			10		12:20		X	X	X	X	X	X				
W-4-0207			10		13:40		X	X	X	X	X	X				
W-1-0207			10		15:00		X	X	X	X	X	X				
TB 020807		VOA	3		8:00	HCL			X							

Relinquished By: Matt Worthington Date/Time: 2/8/07 16:55

Received By: John L Bongma Date/Time: 2/8/07 1655

Relinquished By: John L Bongma 2/8/07 Date/Time: 17 53

Received By: Date/Time:

Relinquished By: Date/Time:

Received in Lab By: V. Banda Date/Time: 2/8/07 1753

Turnaround Time: (Check)
same day ___ 72 hours ___
24 hours ___ 5 days ___
48 hours ___ normal X

Sample Integrity: (Check)
intact X on ice X

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

6.2/5.7°

#453

TestAmerica
ANALYTICAL TESTING CORPORATION

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

LABORATORY REPORT

Prepared For: Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project: Former Cenco Refinery - 2006
54205.001

Sampled: 02/09/07
Received: 02/09/07
Issued: 02/21/07 16:19

NELAP #01108CA California ELAP#1197 CSDLAC #10256

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

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IQB0971-01	EW-1-0207	Water
IQB0971-02	MW-503B-0207	Water
IQB0971-03	MW-502-0207	Water
IQB0971-04	W-11-0207	Water
IQB0971-05	W-10-0207	Water
IQB0971-06	W-10-0207-D	Water
IQB0971-07	W-7-0207	Water
IQB0971-08	MW-504-0207	Water
IQB0971-09	W-8-0207	Water
IQB0971-10	TB-020907	Water

Reviewed By:

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-01 (EW-1-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B19046	500	**4100**	10	2/19/2007	2/19/2007	
Surrogate: 4-BFB (FID) (65-140%)				*489 %*				*ZX*
Sample ID: IQB0971-02 (MW-503B-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B19046	500	**1600**	10	2/19/2007	2/19/2007	
Surrogate: 4-BFB (FID) (65-140%)				*235 %*				*ZX*
Sample ID: IQB0971-03 (MW-502-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B19046	5000	**15000**	100	2/19/2007	2/19/2007	
Surrogate: 4-BFB (FID) (65-140%)				*126 %*				
Sample ID: IQB0971-04 (W-11-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B19046	500	**8000**	10	2/19/2007	2/20/2007	QP
Surrogate: 4-BFB (FID) (65-140%)				*0 %*				*Z*
Sample ID: IQB0971-05 (W-10-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B19046	2500	**28000**	50	2/19/2007	2/20/2007	
Surrogate: 4-BFB (FID) (65-140%)				*135 %*				
Sample ID: IQB0971-06 (W-10-0207-D - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B19046	2500	**26000**	50	2/19/2007	2/20/2007	
Surrogate: 4-BFB (FID) (65-140%)				*135 %*				
Sample ID: IQB0971-07 (W-7-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B19048	50	ND	1	2/19/2007	2/19/2007	
Surrogate: 4-BFB (FID) (65-140%)				*90 %*				
Sample ID: IQB0971-08 (MW-504-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B20053	2500	**6100**	50	2/20/2007	2/20/2007	
Surrogate: 4-BFB (FID) (65-140%)				*86 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-09 (W-8-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B19050	50	**130**	1	2/19/2007	2/19/2007	
Surrogate: 4-BFB (FID) (65-140%)				*104 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-01 (EW-1-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B14014	2.0	**41**	1	2/14/2007	2/14/2007	
Bromobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromochloromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromodichloromethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Bromoform	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromomethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
n-Butylbenzene	EPA 8260B	7B14014	5.0	**14**	1	2/14/2007	2/14/2007	
sec-Butylbenzene	EPA 8260B	7B14014	5.0	**27**	1	2/14/2007	2/14/2007	
tert-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Carbon tetrachloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Chlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Chloroethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Chloroform	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Chloromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
2-Chlorotoluene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
4-Chlorotoluene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Dibromochloromethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	L
1,2-Dibromoethane (EDB)	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Dibromomethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,4-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Dichlorodifluoromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloroethene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B14014	2.0	**6.5**	1	2/14/2007	2/14/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B14014	2.0	**7.8**	1	2/14/2007	2/14/2007	
1,2-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
2,2-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Ethylbenzene	EPA 8260B	7B14014	2.0	**39**	1	2/14/2007	2/14/2007	
Hexachlorobutadiene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
p-Isopropyltoluene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Methylene chloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Naphthalene	EPA 8260B	7B14014	5.0	**26**	1	2/14/2007	2/14/2007	
n-Propylbenzene	EPA 8260B	7B14014	2.0	**80**	1	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-01 (EW-1-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Styrene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	L
Tetrachloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Toluene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1,1-Trichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1,2-Trichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Trichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Trichlorofluoromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,2,3-Trichloropropane	EPA 8260B	7B14014	10	ND	1	2/14/2007	2/14/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B14014	2.0	**5.1**	1	2/14/2007	2/14/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B14014	2.0	**2.3**	1	2/14/2007	2/14/2007	
Vinyl chloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
o-Xylene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
m,p-Xylenes	EPA 8260B	7B14014	2.0	**9.4**	1	2/14/2007	2/14/2007	
Xylenes, Total	EPA 8260B	7B14014	4.0	**10**	1	2/14/2007	2/14/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Butanol (TBA)	EPA 8260B	7B14014	50	ND	1	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*116 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*104 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-01RE1 (EW-1-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B14026	2.0	**100**	1	2/14/2007	2/15/2007	
Surrogate: Dibromofluoromethane (80-120%)				*99 %*				
Surrogate: Toluene-d8 (80-120%)				*115 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-02RE1 (MW-503B-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B14014	2.0	**59**	1	2/14/2007	2/14/2007	
Bromobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromochloromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromodichloromethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Bromoform	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromomethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
n-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
sec-Butylbenzene	EPA 8260B	7B14014	5.0	**17**	1	2/14/2007	2/14/2007	
tert-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Carbon tetrachloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Chlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Chloroethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Chloroform	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Chloromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
2-Chlorotoluene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
4-Chlorotoluene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Dibromochloromethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	L
1,2-Dibromoethane (EDB)	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Dibromomethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,4-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Dichlorodifluoromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloroethene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B14014	2.0	**11**	1	2/14/2007	2/14/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B14014	2.0	**2.2**	1	2/14/2007	2/14/2007	
1,2-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
2,2-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Ethylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Hexachlorobutadiene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
p-Isopropyltoluene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Methylene chloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Naphthalene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
n-Propylbenzene	EPA 8260B	7B14014	2.0	**29**	1	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-02RE1 (MW-503B-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Styrene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	L
Tetrachloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Toluene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1,1-Trichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1,2-Trichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Trichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Trichlorofluoromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,2,3-Trichloropropane	EPA 8260B	7B14014	10	ND	1	2/14/2007	2/14/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Vinyl chloride	EPA 8260B	7B14014	5.0	**5.4**	1	2/14/2007	2/14/2007	
o-Xylene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
m,p-Xylenes	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Xylenes, Total	EPA 8260B	7B14014	4.0	ND	1	2/14/2007	2/14/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Butanol (TBA)	EPA 8260B	7B14014	50	ND	1	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*111 %*				
Surrogate: Toluene-d8 (80-120%)				*115 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-02RE2 (MW-503B-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B14026	2.0	**45**	1	2/14/2007	2/15/2007	
Surrogate: Dibromofluoromethane (80-120%)				*99 %*				
Surrogate: Toluene-d8 (80-120%)				*114 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-03 (MW-502-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B14014	400	**2200**	200	2/14/2007	2/14/2007	
Bromobenzene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Bromochloromethane	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Bromodichloromethane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Bromoform	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Bromomethane	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
n-Butylbenzene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
sec-Butylbenzene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
tert-Butylbenzene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Carbon tetrachloride	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Chlorobenzene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Chloroethane	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Chloroform	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Chloromethane	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
2-Chlorotoluene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
4-Chlorotoluene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Dibromochloromethane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	L
1,2-Dibromoethane (EDB)	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Dibromomethane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,2-Dichlorobenzene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,3-Dichlorobenzene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,4-Dichlorobenzene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Dichlorodifluoromethane	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
1,1-Dichloroethane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,2-Dichloroethane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,1-Dichloroethene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,2-Dichloropropane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,3-Dichloropropane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
2,2-Dichloropropane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,1-Dichloropropene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Ethylbenzene	EPA 8260B	7B14014	400	**500**	200	2/14/2007	2/14/2007	
Hexachlorobutadiene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Isopropylbenzene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	L
p-Isopropyltoluene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Methylene chloride	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Naphthalene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-03 (MW-502-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Styrene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	L
Tetrachloroethene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Toluene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
1,1,1-Trichloroethane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,1,2-Trichloroethane	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Trichloroethene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Trichlorofluoromethane	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
1,2,3-Trichloropropane	EPA 8260B	7B14014	2000	ND	200	2/14/2007	2/14/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
Vinyl chloride	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
o-Xylene	EPA 8260B	7B14014	400	ND	200	2/14/2007	2/14/2007	
m,p-Xylenes	EPA 8260B	7B14014	400	**560**	200	2/14/2007	2/14/2007	
Xylenes, Total	EPA 8260B	7B14014	800	ND	200	2/14/2007	2/14/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B14014	1000	ND	200	2/14/2007	2/14/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B14014	1000	**23000**	200	2/14/2007	2/14/2007	
tert-Butanol (TBA)	EPA 8260B	7B14014	10000	ND	200	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*115 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-04 (W-11-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B14014	4.0	**95**	2	2/14/2007	2/14/2007	
Bromobenzene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
Bromochloromethane	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
Bromodichloromethane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
Bromoform	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
Bromomethane	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
n-Butylbenzene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
sec-Butylbenzene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
tert-Butylbenzene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
Carbon tetrachloride	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
Chlorobenzene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
Chloroethane	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
Chloroform	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
Chloromethane	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
2-Chlorotoluene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
4-Chlorotoluene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
Dibromochloromethane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	L
1,2-Dibromoethane (EDB)	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
Dibromomethane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,2-Dichlorobenzene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,3-Dichlorobenzene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,4-Dichlorobenzene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
Dichlorodifluoromethane	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
1,1-Dichloroethane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,2-Dichloroethane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,1-Dichloroethene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B14014	4.0	**15**	2	2/14/2007	2/14/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,2-Dichloropropane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,3-Dichloropropane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
2,2-Dichloropropane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,1-Dichloropropene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
Ethylbenzene	EPA 8260B	7B14014	4.0	**78**	2	2/14/2007	2/14/2007	
Hexachlorobutadiene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
p-Isopropyltoluene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
Methylene chloride	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
Naphthalene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
n-Propylbenzene	EPA 8260B	7B14014	4.0	**12**	2	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-04 (W-11-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Styrene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	L
Tetrachloroethene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
Toluene	EPA 8260B	7B14014	4.0	**14**	2	2/14/2007	2/14/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
1,1,1-Trichloroethane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
1,1,2-Trichloroethane	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
Trichloroethene	EPA 8260B	7B14014	4.0	ND	2	2/14/2007	2/14/2007	
Trichlorofluoromethane	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
1,2,3-Trichloropropane	EPA 8260B	7B14014	20	ND	2	2/14/2007	2/14/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B14014	4.0	**56**	2	2/14/2007	2/14/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B14014	4.0	**28**	2	2/14/2007	2/14/2007	
Vinyl chloride	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
o-Xylene	EPA 8260B	7B14014	4.0	**27**	2	2/14/2007	2/14/2007	
m,p-Xylenes	EPA 8260B	7B14014	4.0	**280**	2	2/14/2007	2/14/2007	
Xylenes, Total	EPA 8260B	7B14014	8.0	**300**	2	2/14/2007	2/14/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B14014	10	ND	2	2/14/2007	2/14/2007	
tert-Butanol (TBA)	EPA 8260B	7B14014	100	ND	2	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*112 %*				
Surrogate: Toluene-d8 (80-120%)				*114 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-04RE1 (W-11-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B14026	4.0	**17**	2	2/14/2007	2/15/2007	
Surrogate: Dibromofluoromethane (80-120%)				*97 %*				
Surrogate: Toluene-d8 (80-120%)				*114 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-05 (W-10-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B13014	200	**6400**	100	2/13/2007	2/13/2007	
Bromobenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Bromochloromethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Bromodichloromethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Bromoform	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Bromomethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
n-Butylbenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
sec-Butylbenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
tert-Butylbenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Carbon tetrachloride	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Chlorobenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Chloroethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Chloroform	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Chloromethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
2-Chlorotoluene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
4-Chlorotoluene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Dibromochloromethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Dibromomethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,2-Dichlorobenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,3-Dichlorobenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,4-Dichlorobenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Dichlorodifluoromethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,1-Dichloroethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,2-Dichloroethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,1-Dichloroethene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,2-Dichloropropane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,3-Dichloropropane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
2,2-Dichloropropane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,1-Dichloropropene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Ethylbenzene	EPA 8260B	7B13014	200	**520**	100	2/13/2007	2/13/2007	
Hexachlorobutadiene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Isopropylbenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
p-Isopropyltoluene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Methylene chloride	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Naphthalene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-05 (W-10-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Styrene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Tetrachloroethene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Toluene	EPA 8260B	7B13014	200	**2200**	100	2/13/2007	2/13/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,1,1-Trichloroethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,1,2-Trichloroethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Trichloroethene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Trichlorofluoromethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,2,3-Trichloropropane	EPA 8260B	7B13014	1000	ND	100	2/13/2007	2/13/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B13014	200	**280**	100	2/13/2007	2/13/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Vinyl chloride	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
o-Xylene	EPA 8260B	7B13014	200	**710**	100	2/13/2007	2/13/2007	
m,p-Xylenes	EPA 8260B	7B13014	200	**2200**	100	2/13/2007	2/13/2007	
Xylenes, Total	EPA 8260B	7B13014	400	**2900**	100	2/13/2007	2/13/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
tert-Butanol (TBA)	EPA 8260B	7B13014	5000	ND	100	2/13/2007	2/13/2007	
Surrogate: Dibromofluoromethane (80-120%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-06 (W-10-0207-D - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B13014	200	**5100**	100	2/13/2007	2/13/2007	
Bromobenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Bromochloromethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Bromodichloromethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Bromoform	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Bromomethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
n-Butylbenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
sec-Butylbenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
tert-Butylbenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Carbon tetrachloride	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Chlorobenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Chloroethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Chloroform	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Chloromethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
2-Chlorotoluene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
4-Chlorotoluene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Dibromochloromethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Dibromomethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,2-Dichlorobenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,3-Dichlorobenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,4-Dichlorobenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Dichlorodifluoromethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,1-Dichloroethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,2-Dichloroethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,1-Dichloroethene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,2-Dichloropropane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,3-Dichloropropane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
2,2-Dichloropropane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,1-Dichloropropene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Ethylbenzene	EPA 8260B	7B13014	200	**410**	100	2/13/2007	2/13/2007	
Hexachlorobutadiene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Isopropylbenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
p-Isopropyltoluene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Methylene chloride	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Naphthalene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-06 (W-10-0207-D - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Styrene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Tetrachloroethene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Toluene	EPA 8260B	7B13014	200	**1600**	100	2/13/2007	2/13/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,1,1-Trichloroethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
1,1,2-Trichloroethane	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Trichloroethene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Trichlorofluoromethane	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
1,2,3-Trichloropropane	EPA 8260B	7B13014	1000	ND	100	2/13/2007	2/13/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B13014	200	**260**	100	2/13/2007	2/13/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B13014	200	ND	100	2/13/2007	2/13/2007	
Vinyl chloride	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
o-Xylene	EPA 8260B	7B13014	200	**570**	100	2/13/2007	2/13/2007	
m,p-Xylenes	EPA 8260B	7B13014	200	**1800**	100	2/13/2007	2/13/2007	
Xylenes, Total	EPA 8260B	7B13014	400	**2300**	100	2/13/2007	2/13/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B13014	500	ND	100	2/13/2007	2/13/2007	
tert-Butanol (TBA)	EPA 8260B	7B13014	5000	ND	100	2/13/2007	2/13/2007	
Surrogate: Dibromofluoromethane (80-120%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-07 (W-7-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Bromobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromochloromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromodichloromethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Bromoform	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromomethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
n-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
sec-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Carbon tetrachloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Chlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Chloroethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Chloroform	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Chloromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
2-Chlorotoluene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
4-Chlorotoluene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Dibromochloromethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	L
1,2-Dibromoethane (EDB)	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Dibromomethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,4-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Dichlorodifluoromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloroethene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
2,2-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Ethylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Hexachlorobutadiene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Isopropylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	L
p-Isopropyltoluene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Methylene chloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Naphthalene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-07 (W-7-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Styrene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	L
Tetrachloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Toluene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1,1-Trichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1,2-Trichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Trichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Trichlorofluoromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,2,3-Trichloropropane	EPA 8260B	7B14014	10	ND	1	2/14/2007	2/14/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B14014	2.0	**2.2**	1	2/14/2007	2/14/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Vinyl chloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
o-Xylene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
m,p-Xylenes	EPA 8260B	7B14014	2.0	**2.6**	1	2/14/2007	2/14/2007	
Xylenes, Total	EPA 8260B	7B14014	4.0	ND	1	2/14/2007	2/14/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Butanol (TBA)	EPA 8260B	7B14014	50	ND	1	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*115 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-08 (MW-504-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B14014	2.0	**140**	1	2/14/2007	2/14/2007	
Bromobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromochloromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromodichloromethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Bromoform	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromomethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
n-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
sec-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Carbon tetrachloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Chlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Chloroethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Chloroform	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Chloromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
2-Chlorotoluene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
4-Chlorotoluene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Dibromochloromethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	L
1,2-Dibromoethane (EDB)	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Dibromomethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,4-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Dichlorodifluoromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloroethene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
2,2-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Ethylbenzene	EPA 8260B	7B14014	2.0	**13**	1	2/14/2007	2/14/2007	
Hexachlorobutadiene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
p-Isopropyltoluene	EPA 8260B	7B14014	2.0	**14**	1	2/14/2007	2/14/2007	
Methylene chloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Naphthalene	EPA 8260B	7B14014	5.0	**49**	1	2/14/2007	2/14/2007	
n-Propylbenzene	EPA 8260B	7B14014	2.0	**6.5**	1	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-08 (MW-504-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Styrene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	L
Tetrachloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Toluene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1,1-Trichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1,2-Trichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Trichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Trichlorofluoromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,2,3-Trichloropropane	EPA 8260B	7B14014	10	ND	1	2/14/2007	2/14/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B14014	2.0	**38**	1	2/14/2007	2/14/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B14014	2.0	**64**	1	2/14/2007	2/14/2007	
Vinyl chloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
o-Xylene	EPA 8260B	7B14014	2.0	**8.5**	1	2/14/2007	2/14/2007	
m,p-Xylenes	EPA 8260B	7B14014	2.0	**120**	1	2/14/2007	2/14/2007	
Xylenes, Total	EPA 8260B	7B14014	4.0	**130**	1	2/14/2007	2/14/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Butanol (TBA)	EPA 8260B	7B14014	50	**98**	1	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*110 %*				
Surrogate: Toluene-d8 (80-120%)				*117 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*109 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-08RE1 (MW-504-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B14026	2.0	**18**	1	2/14/2007	2/15/2007	
Surrogate: Dibromofluoromethane (80-120%)				*96 %*				
Surrogate: Toluene-d8 (80-120%)				*114 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*111 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-09 (W-8-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Bromobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromochloromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromodichloromethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Bromoform	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Bromomethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
n-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
sec-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Butylbenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Carbon tetrachloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Chlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Chloroethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Chloroform	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Chloromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
2-Chlorotoluene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
4-Chlorotoluene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Dibromochloromethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	L
1,2-Dibromoethane (EDB)	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Dibromomethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,4-Dichlorobenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Dichlorodifluoromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloroethene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
2,2-Dichloropropane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Ethylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Hexachlorobutadiene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Isopropylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	L
p-Isopropyltoluene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Methylene chloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Naphthalene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-09 (W-8-0207 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Styrene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	L
Tetrachloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Toluene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,1,1-Trichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,1,2-Trichloroethane	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Trichloroethene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Trichlorofluoromethane	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
1,2,3-Trichloropropane	EPA 8260B	7B14014	10	ND	1	2/14/2007	2/14/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Vinyl chloride	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
o-Xylene	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
m,p-Xylenes	EPA 8260B	7B14014	2.0	ND	1	2/14/2007	2/14/2007	
Xylenes, Total	EPA 8260B	7B14014	4.0	ND	1	2/14/2007	2/14/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B14014	5.0	ND	1	2/14/2007	2/14/2007	
tert-Butanol (TBA)	EPA 8260B	7B14014	50	ND	1	2/14/2007	2/14/2007	
Surrogate: Dibromofluoromethane (80-120%)				*110 %*				
Surrogate: Toluene-d8 (80-120%)				*116 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-10 (TB-020907 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Benzene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Bromobenzene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Bromochloromethane	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Bromodichloromethane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Bromoform	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Bromomethane	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
n-Butylbenzene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
sec-Butylbenzene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
tert-Butylbenzene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Carbon tetrachloride	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Chlorobenzene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Chloroethane	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Chloroform	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Chloromethane	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
2-Chlorotoluene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
4-Chlorotoluene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Dibromochloromethane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Dibromomethane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,2-Dichlorobenzene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,3-Dichlorobenzene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,4-Dichlorobenzene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Dichlorodifluoromethane	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
1,1-Dichloroethane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,2-Dichloroethane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,1-Dichloroethene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,2-Dichloropropane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,3-Dichloropropane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
2,2-Dichloropropane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,1-Dichloropropene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Ethylbenzene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Hexachlorobutadiene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Isopropylbenzene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
p-Isopropyltoluene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Methylene chloride	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Naphthalene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-10 (TB-020907 - Water) - cont.				**Sampled: 02/09/07**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Styrene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Tetrachloroethene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Toluene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
1,1,1-Trichloroethane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,1,2-Trichloroethane	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Trichloroethene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Trichlorofluoromethane	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
1,2,3-Trichloropropane	EPA 8260B	7B13014	10	ND	1	2/13/2007	2/13/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Vinyl chloride	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
o-Xylene	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
m,p-Xylenes	EPA 8260B	7B13014	2.0	ND	1	2/13/2007	2/13/2007	
Xylenes, Total	EPA 8260B	7B13014	4.0	ND	1	2/13/2007	2/13/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B13014	5.0	ND	1	2/13/2007	2/13/2007	
tert-Butanol (TBA)	EPA 8260B	7B13014	50	ND	1	2/13/2007	2/13/2007	
Surrogate: Dibromofluoromethane (80-120%)				*97 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-01 (EW-1-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.49	ND	0.971	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*48 %*				
Sample ID: IQB0971-02 (MW-503B-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.48	**0.76**	0.962	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*36 %*				
Sample ID: IQB0971-03 (MW-502-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.48	**7.6**	0.962	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*67 %*				
Sample ID: IQB0971-04 (W-11-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.49	**1.0**	0.98	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*73 %*				
Sample ID: IQB0971-05 (W-10-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B11033	0.49	**6.4**	0.98	2/11/2007	2/13/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*67 %*				
Sample ID: IQB0971-06 (W-10-0207-D - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B14123	1.0	**7.7**	2.02	2/14/2007	2/20/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*75 %*				
Sample ID: IQB0971-07 (W-7-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B14123	0.48	ND	0.952	2/14/2007	2/20/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*59 %*				
Sample ID: IQB0971-08 (MW-504-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B14123	0.49	**4.5**	0.971	2/14/2007	2/16/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*45 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-09 (W-8-0207 - Water)				**Sampled: 02/09/07**				**RL4**
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B14123	0.51	ND	1.01	2/14/2007	2/16/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*51 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-01 (EW-1-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0019	ND	0.971	2/11/2007	2/13/2007	
Sample ID: IQB0971-02 (MW-503B-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0019	ND	0.962	2/11/2007	2/13/2007	
Sample ID: IQB0971-03 (MW-502-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0019	ND	0.962	2/11/2007	2/13/2007	I
Sample ID: IQB0971-04 (W-11-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0020	ND	0.98	2/11/2007	2/13/2007	I
Sample ID: IQB0971-05 (W-10-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B11033	0.0020	ND	0.98	2/11/2007	2/13/2007	
Sample ID: IQB0971-06 (W-10-0207-D - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B14123	0.0020	ND	1.01	2/14/2007	2/16/2007	
Sample ID: IQB0971-07 (W-7-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B14123	0.0019	ND	0.952	2/14/2007	2/16/2007	
Sample ID: IQB0971-08 (MW-504-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B14123	0.0019	ND	0.971	2/14/2007	2/16/2007	I
Sample ID: IQB0971-09 (W-8-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B14123	0.0020	ND	1.01	2/14/2007	2/16/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

DISSOLVED GASES BY HEADSPACE EQUILIBRIUM (RSK-175 MOD.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-02 (MW-503B-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: mg/l								
Methane	RSK-175 MOD.	7B15043	0.050	**0.62**	1	2/15/2007	2/15/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-01 (EW-1-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B10026	0.0020	ND	1	2/10/2007	2/10/2007	
Sample ID: IQB0971-01 (EW-1-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B20115	4.0	ND	1	2/20/2007	2/20/2007	
Sample ID: IQB0971-02 (MW-503B-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: mg/l								
Alkalinity as CaCO3	SM2320B	7B15108	2.0	**680**	1	2/15/2007	2/15/2007	
Ferrous Iron	SM 3500-Fe D	7B10040	0.10	ND	1	2/10/2007	2/10/2007	HFT
Chromium VI	EPA 7199	7B10026	0.0020	ND	1	2/10/2007	2/10/2007	
Nitrate-N	EPA 300.0	7B10035	0.11	ND	1	2/10/2007	2/10/2007	
Sulfate	EPA 300.0	7B10035	10	**150**	20	2/10/2007	2/10/2007	
Sample ID: IQB0971-02 (MW-503B-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B17039	4.0	ND	1	2/17/2007	2/17/2007	
Sample ID: IQB0971-03 (MW-502-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B10026	0.0020	ND	1	2/10/2007	2/10/2007	
Sample ID: IQB0971-03 (MW-502-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B17039	4.0	ND	1	2/17/2007	2/17/2007	
Sample ID: IQB0971-04 (W-11-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B10026	0.0020	ND	1	2/10/2007	2/10/2007	
Sample ID: IQB0971-04 (W-11-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B17039	4.0	ND	1	2/17/2007	2/17/2007	
Sample ID: IQB0971-05 (W-10-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B10026	0.0020	ND	1	2/10/2007	2/10/2007	
Sample ID: IQB0971-05 (W-10-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B17039	4.0	ND	1	2/17/2007	2/17/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB0971-06 (W-10-0207-D - Water)				**Sampled: 02/09/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B10026	0.0020	ND	1	2/10/2007	2/10/2007	
Sample ID: IQB0971-06 (W-10-0207-D - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B17039	4.0	ND	1	2/17/2007	2/17/2007	
Sample ID: IQB0971-07 (W-7-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B10026	0.0020	ND	1	2/10/2007	2/10/2007	
Sample ID: IQB0971-07 (W-7-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B17039	4.0	ND	1	2/17/2007	2/17/2007	
Sample ID: IQB0971-08 (MW-504-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B10026	0.0020	ND	1	2/10/2007	2/10/2007	
Sample ID: IQB0971-08 (MW-504-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B17039	4.0	ND	1	2/17/2007	2/17/2007	
Sample ID: IQB0971-09 (W-8-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B10026	0.0020	ND	1	2/10/2007	2/10/2007	
Sample ID: IQB0971-09 (W-8-0207 - Water)				**Sampled: 02/09/07**				
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B17039	4.0	ND	1	2/17/2007	2/18/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: EW-1-0207 (IQB0971-01) - Water					
EPA 7199	1	02/09/2007 08:05	02/09/2007 18:40	02/10/2007 06:45	02/10/2007 07:22
Sample ID: MW-503B-0207 (IQB0971-02) - Water					
EPA 300.0	2	02/09/2007 09:10	02/09/2007 18:40	02/10/2007 09:45	02/10/2007 09:49
EPA 7199	1	02/09/2007 09:10	02/09/2007 18:40	02/10/2007 06:45	02/10/2007 07:33
SM 3500-Fe D	1	02/09/2007 09:10	02/09/2007 18:40	02/10/2007 09:15	02/10/2007 11:19
Sample ID: MW-502-0207 (IQB0971-03) - Water					
EPA 7199	1	02/09/2007 10:10	02/09/2007 18:40	02/10/2007 06:45	02/10/2007 07:52
Sample ID: W-11-0207 (IQB0971-04) - Water					
EPA 7199	1	02/09/2007 11:55	02/09/2007 18:40	02/10/2007 06:45	02/10/2007 08:03
Sample ID: W-10-0207 (IQB0971-05) - Water					
EPA 7199	1	02/09/2007 13:00	02/09/2007 18:40	02/10/2007 06:45	02/10/2007 08:14
Sample ID: W-10-0207-D (IQB0971-06) - Water					
EPA 7199	1	02/09/2007 13:10	02/09/2007 18:40	02/10/2007 06:45	02/10/2007 08:25
Sample ID: W-7-0207 (IQB0971-07) - Water					
EPA 7199	1	02/09/2007 14:20	02/09/2007 18:40	02/10/2007 06:45	02/10/2007 08:36
Sample ID: MW-504-0207 (IQB0971-08) - Water					
EPA 7199	1	02/09/2007 15:10	02/09/2007 18:40	02/10/2007 06:45	02/10/2007 08:47
Sample ID: W-8-0207 (IQB0971-09) - Water					
EPA 7199	1	02/09/2007 15:40	02/09/2007 18:40	02/10/2007 06:45	02/10/2007 08:58

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B19046 Extracted: 02/19/07										
Blank Analyzed: 02/19/2007 (7B19046-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*8.88*		*ug/l*	*10.0*		*89*	*65-140*			
LCS Analyzed: 02/19/2007 (7B19046-BS1)										
GRO (C4 - C12)	859	50	ug/l	800		107	85-115			
Surrogate 4-BFB (FID)	*20.9*		*ug/l*	*10.0*		*209*	*65-140*			*ZX*
Matrix Spike Analyzed: 02/19/2007 (7B19046-MS1)					**Source: IQB1198-08**					
GRO (C4 - C12)	48800	5000	ug/l	22000	23000	117	65-140			
Surrogate 4-BFB (FID)	*1690*		*ug/l*	*1000*		*169*	*65-140*			*ZX*
Matrix Spike Dup Analyzed: 02/19/2007 (7B19046-MSD1)					**Source: IQB1198-08**					
GRO (C4 - C12)	48600	5000	ug/l	22000	23000	116	65-140	0	20	
Surrogate 4-BFB (FID)	*1660*		*ug/l*	*1000*		*166*	*65-140*			*ZX*
Batch: 7B19048 Extracted: 02/19/07										
Blank Analyzed: 02/19/2007 (7B19048-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*9.02*		*ug/l*	*10.0*		*90*	*65-140*			
LCS Analyzed: 02/19/2007 (7B19048-BS1)										
GRO (C4 - C12)	825	50	ug/l	800		103	85-115			
Surrogate 4-BFB (FID)	*13.5*		*ug/l*	*10.0*		*135*	*65-140*			
Matrix Spike Analyzed: 02/19/2007 (7B19048-MS1)					**Source: IQB0752-01**					
GRO (C4 - C12)	227	50	ug/l	220	ND	103	65-140			
Surrogate 4-BFB (FID)	*9.09*		*ug/l*	*10.0*		*91*	*65-140*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B19048 Extracted: 02/19/07										
Matrix Spike Dup Analyzed: 02/19/2007 (7B19048-MSD1)					**Source: IQB0752-01**					
GRO (C4 - C12)	231	50	ug/l	220	ND	105	65-140	2	20	
Surrogate 4-BFB (FID)	*9.16*		*ug/l*	*10.0*		*92*	*65-140*			
Batch: 7B19050 Extracted: 02/19/07										
Blank Analyzed: 02/19/2007 (7B19050-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*8.83*		*ug/l*	*10.0*		*88*	*65-140*			
LCS Analyzed: 02/19/2007 (7B19050-BS1)										
GRO (C4 - C12)	755	50	ug/l	800		94	85-115			
Surrogate 4-BFB (FID)	*12.8*		*ug/l*	*10.0*		*128*	*65-140*			
Matrix Spike Analyzed: 02/19/2007 (7B19050-MS1)					**Source: IQB0757-03**					
GRO (C4 - C12)	243	50	ug/l	220	ND	110	65-140			
Surrogate 4-BFB (FID)	*10.9*		*ug/l*	*10.0*		*109*	*65-140*			
Matrix Spike Dup Analyzed: 02/19/2007 (7B19050-MSD1)					**Source: IQB0757-03**					
GRO (C4 - C12)	238	50	ug/l	220	ND	108	65-140	2	20	
Surrogate 4-BFB (FID)	*10.5*		*ug/l*	*10.0*		*105*	*65-140*			
Batch: 7B20053 Extracted: 02/20/07										
Blank Analyzed: 02/20/2007 (7B20053-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*9.06*		*ug/l*	*10.0*		*91*	*65-140*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B20053 Extracted: 02/20/07										
LCS Analyzed: 02/20/2007 (7B20053-BS1)										
GRO (C4 - C12)	816	50	ug/l	800		102	85-115			
Surrogate 4-BFB (FID)	*9.09*		*ug/l*	*10.0*		*91*	*65-140*			
Matrix Spike Analyzed: 02/20/2007 (7B20053-MS1)					**Source: IQB1831-02**					
GRO (C4 - C12)	222	50	ug/l	220	ND	101	65-140			
Surrogate 4-BFB (FID)	*8.79*		*ug/l*	*10.0*		*88*	*65-140*			
Matrix Spike Dup Analyzed: 02/20/2007 (7B20053-MSD1)					**Source: IQB1831-02**					
GRO (C4 - C12)	227	50	ug/l	220	ND	103	65-140	2	20	
Surrogate 4-BFB (FID)	*9.13*		*ug/l*	*10.0*		*91*	*65-140*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B13014 Extracted: 02/13/07										
Blank Analyzed: 02/13/2007 (7B13014-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B13014 Extracted: 02/13/07										
Blank Analyzed: 02/13/2007 (7B13014-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B13014 Extracted: 02/13/07										
LCS Analyzed: 02/13/2007 (7B13014-BS1)										
Benzene	21.2	2.0	ug/l	25.0		85	70-120			
Bromobenzene	23.4	5.0	ug/l	25.0		94	75-120			
Bromochloromethane	21.1	5.0	ug/l	25.0		84	70-130			
Bromodichloromethane	25.2	2.0	ug/l	25.0		101	70-135			
Bromoform	23.5	5.0	ug/l	25.0		94	55-130			
Bromomethane	27.1	5.0	ug/l	25.0		108	65-140			
n-Butylbenzene	24.1	5.0	ug/l	25.0		96	70-130			
sec-Butylbenzene	23.5	5.0	ug/l	25.0		94	70-125			
tert-Butylbenzene	24.0	5.0	ug/l	25.0		96	70-125			
Carbon tetrachloride	29.7	5.0	ug/l	25.0		119	65-140			
Chlorobenzene	22.9	2.0	ug/l	25.0		92	75-120			
Chloroethane	23.1	5.0	ug/l	25.0		92	60-140			
Chloroform	22.4	2.0	ug/l	25.0		90	70-130			
Chloromethane	23.3	5.0	ug/l	25.0		93	50-140			
2-Chlorotoluene	23.3	5.0	ug/l	25.0		93	70-125			
4-Chlorotoluene	23.9	5.0	ug/l	25.0		96	75-125			
Dibromochloromethane	27.0	2.0	ug/l	25.0		108	70-140			
1,2-Dibromo-3-chloropropane	22.0	5.0	ug/l	25.0		88	50-135			
1,2-Dibromoethane (EDB)	22.1	2.0	ug/l	25.0		88	75-125			
Dibromomethane	22.0	2.0	ug/l	25.0		88	70-125			
1,2-Dichlorobenzene	23.6	2.0	ug/l	25.0		94	75-120			
1,3-Dichlorobenzene	24.0	2.0	ug/l	25.0		96	75-120			
1,4-Dichlorobenzene	23.8	2.0	ug/l	25.0		95	75-120			
Dichlorodifluoromethane	28.0	5.0	ug/l	25.0		112	35-155			
1,1-Dichloroethane	20.9	2.0	ug/l	25.0		84	70-125			
1,2-Dichloroethane	26.0	2.0	ug/l	25.0		104	60-140			
1,1-Dichloroethene	19.6	5.0	ug/l	25.0		78	70-125			
cis-1,2-Dichloroethene	20.8	2.0	ug/l	25.0		83	70-125			
trans-1,2-Dichloroethene	21.0	2.0	ug/l	25.0		84	70-125			
1,2-Dichloropropane	21.1	2.0	ug/l	25.0		84	70-125			
1,3-Dichloropropane	22.2	2.0	ug/l	25.0		89	70-120			
2,2-Dichloropropane	28.2	2.0	ug/l	25.0		113	65-140			
1,1-Dichloropropene	24.7	2.0	ug/l	25.0		99	75-130			
cis-1,3-Dichloropropene	22.0	2.0	ug/l	25.0		88	75-125			
trans-1,3-Dichloropropene	23.9	2.0	ug/l	25.0		96	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B13014 Extracted: 02/13/07										
LCS Analyzed: 02/13/2007 (7B13014-BS1)										
Ethylbenzene	24.7	2.0	ug/l	25.0		99	75-125			
Hexachlorobutadiene	25.5	5.0	ug/l	25.0		102	65-135			
Isopropylbenzene	26.6	2.0	ug/l	25.0		106	75-130			
p-Isopropyltoluene	24.8	2.0	ug/l	25.0		99	75-125			
Methylene chloride	18.0	5.0	ug/l	25.0		72	55-130			
Naphthalene	21.9	5.0	ug/l	25.0		88	55-135			
n-Propylbenzene	24.3	2.0	ug/l	25.0		97	75-130			
Styrene	23.3	2.0	ug/l	25.0		93	75-130			
1,1,1,2-Tetrachloroethane	27.7	5.0	ug/l	25.0		111	70-130			
1,1,2,2-Tetrachloroethane	19.2	2.0	ug/l	25.0		77	55-130			
Tetrachloroethene	24.2	2.0	ug/l	25.0		97	70-125			
Toluene	23.5	2.0	ug/l	25.0		94	70-120			
1,2,3-Trichlorobenzene	23.8	5.0	ug/l	25.0		95	65-125			
1,2,4-Trichlorobenzene	24.8	5.0	ug/l	25.0		99	70-135			
1,1,1-Trichloroethane	25.6	2.0	ug/l	25.0		102	65-135			
1,1,2-Trichloroethane	21.9	2.0	ug/l	25.0		88	70-125			
Trichloroethene	24.5	2.0	ug/l	25.0		98	70-125			
Trichlorofluoromethane	28.0	5.0	ug/l	25.0		112	65-145			
1,2,3-Trichloropropane	20.9	10	ug/l	25.0		84	60-130			
1,2,4-Trimethylbenzene	24.7	2.0	ug/l	25.0		99	75-125			
1,3,5-Trimethylbenzene	25.2	2.0	ug/l	25.0		101	75-125			
Vinyl chloride	25.6	5.0	ug/l	25.0		102	55-135			
o-Xylene	22.7	2.0	ug/l	25.0		91	75-125			
m,p-Xylenes	47.6	2.0	ug/l	50.0		95	75-125			
Xylenes, Total	70.3	4.0	ug/l	75.0		94	70-125			
Di-isopropyl Ether (DIPE)	20.3	5.0	ug/l	25.0		81	60-135			
Ethyl tert-Butyl Ether (ETBE)	21.5	5.0	ug/l	25.0		86	65-135			
tert-Amyl Methyl Ether (TAME)	21.4	5.0	ug/l	25.0		86	60-135			
Methyl-tert-butyl Ether (MTBE)	22.3	5.0	ug/l	25.0		89	60-135			
tert-Butanol (TBA)	119	50	ug/l	125		95	70-135			
Surrogate Dibromofluoromethane	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate Toluene-d8	*25.9*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B13014 Extracted: 02/13/07										
Matrix Spike Analyzed: 02/13/2007 (7B13014-MS1)					**Source: IQB0971-02**					
Benzene	467	40	ug/l	500	59	82	65-125			
Bromobenzene	472	100	ug/l	500	ND	94	70-125			
Bromochloromethane	416	100	ug/l	500	ND	83	65-135			
Bromodichloromethane	479	40	ug/l	500	ND	96	70-135			
Bromoform	417	100	ug/l	500	ND	83	55-135			
Bromomethane	520	100	ug/l	500	ND	104	55-145			
n-Butylbenzene	480	100	ug/l	500	ND	96	65-135			
sec-Butylbenzene	488	100	ug/l	500	18	94	70-125			
tert-Butylbenzene	483	100	ug/l	500	ND	97	65-130			
Carbon tetrachloride	574	100	ug/l	500	ND	115	65-140			
Chlorobenzene	438	40	ug/l	500	ND	88	75-125			
Chloroethane	442	100	ug/l	500	ND	88	55-140			
Chloroform	441	40	ug/l	500	ND	88	65-135			
Chloromethane	458	100	ug/l	500	ND	92	45-145			
2-Chlorotoluene	473	100	ug/l	500	ND	95	65-135			
4-Chlorotoluene	479	100	ug/l	500	ND	96	70-135			
Dibromochloromethane	493	40	ug/l	500	ND	99	65-140			
1,2-Dibromo-3-chloropropane	399	100	ug/l	500	ND	80	45-145			
1,2-Dibromoethane (EDB)	417	40	ug/l	500	ND	83	70-130			
Dibromomethane	423	40	ug/l	500	ND	85	65-135			
1,2-Dichlorobenzene	461	40	ug/l	500	ND	92	75-125			
1,3-Dichlorobenzene	479	40	ug/l	500	ND	96	75-125			
1,4-Dichlorobenzene	473	40	ug/l	500	ND	95	75-125			
Dichlorodifluoromethane	549	100	ug/l	500	ND	110	25-155			
1,1-Dichloroethane	410	40	ug/l	500	ND	82	65-130			
1,2-Dichloroethane	479	40	ug/l	500	ND	96	60-140			
1,1-Dichloroethene	376	100	ug/l	500	ND	75	60-130			
cis-1,2-Dichloroethene	408	40	ug/l	500	7.6	80	65-130			
trans-1,2-Dichloroethene	414	40	ug/l	500	ND	83	65-130			
1,2-Dichloropropane	412	40	ug/l	500	ND	82	65-130			
1,3-Dichloropropane	411	40	ug/l	500	ND	82	65-135			
2,2-Dichloropropane	549	40	ug/l	500	ND	110	60-145			
1,1-Dichloropropene	470	40	ug/l	500	ND	94	70-135			
cis-1,3-Dichloropropene	421	40	ug/l	500	ND	84	70-130			
trans-1,3-Dichloropropene	451	40	ug/l	500	ND	90	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B13014 Extracted: 02/13/07										
Matrix Spike Analyzed: 02/13/2007 (7B13014-MS1)					**Source: IQB0971-02**					
Ethylbenzene	485	40	ug/l	500	ND	97	65-130			
Hexachlorobutadiene	498	100	ug/l	500	ND	100	60-135			
Isopropylbenzene	588	40	ug/l	500	44	109	70-135			
p-Isopropyltoluene	497	40	ug/l	500	ND	99	65-130			
Methylene chloride	340	100	ug/l	500	ND	68	50-135			
Naphthalene	393	100	ug/l	500	ND	79	50-140			
n-Propylbenzene	524	40	ug/l	500	29	99	70-135			
Styrene	442	40	ug/l	500	ND	88	50-145			
1,1,1,2-Tetrachloroethane	539	100	ug/l	500	ND	108	65-140			
1,1,2,2-Tetrachloroethane	370	40	ug/l	500	ND	74	55-135			
Tetrachloroethene	473	40	ug/l	500	ND	95	65-130			
Toluene	456	40	ug/l	500	ND	91	70-125			
1,2,3-Trichlorobenzene	452	100	ug/l	500	ND	90	60-135			
1,2,4-Trichlorobenzene	481	100	ug/l	500	ND	96	65-135			
1,1,1-Trichloroethane	497	40	ug/l	500	ND	99	65-140			
1,1,2-Trichloroethane	406	40	ug/l	500	ND	81	65-130			
Trichloroethene	463	40	ug/l	500	ND	93	65-125			
Trichlorofluoromethane	536	100	ug/l	500	ND	107	60-145			
1,2,3-Trichloropropane	383	200	ug/l	500	ND	77	55-135			
1,2,4-Trimethylbenzene	496	40	ug/l	500	ND	99	55-135			
1,3,5-Trimethylbenzene	508	40	ug/l	500	ND	102	70-130			
Vinyl chloride	505	100	ug/l	500	ND	101	45-140			
o-Xylene	443	40	ug/l	500	ND	89	65-125			
m,p-Xylenes	923	40	ug/l	1000	ND	92	65-130			
Xylenes, Total	1370	80	ug/l	1500	ND	91	60-130			
Di-isopropyl Ether (DIPE)	390	100	ug/l	500	ND	78	60-140			
Ethyl tert-Butyl Ether (ETBE)	400	100	ug/l	500	ND	80	60-135			
tert-Amyl Methyl Ether (TAME)	393	100	ug/l	500	ND	79	60-140			
Methyl-tert-butyl Ether (MTBE)	403	100	ug/l	500	ND	81	55-145			
tert-Butanol (TBA)	2390	1000	ug/l	2500	ND	96	65-140			
Surrogate Dibromofluoromethane	*483*		*ug/l*	*500*		*97*	*80-120*			
Surrogate Toluene-d8	*512*		*ug/l*	*500*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*490*		*ug/l*	*500*		*98*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B13014 Extracted: 02/13/07										
Matrix Spike Dup Analyzed: 02/13/2007 (7B13014-MSD1)					**Source: IQB0971-02**					
Benzene	490	40	ug/l	500	59	86	65-125	5	20	
Bromobenzene	501	100	ug/l	500	ND	100	70-125	6	20	
Bromochloromethane	421	100	ug/l	500	ND	84	65-135	1	25	
Bromodichloromethane	497	40	ug/l	500	ND	99	70-135	4	20	
Bromoform	449	100	ug/l	500	ND	90	55-135	7	25	
Bromomethane	531	100	ug/l	500	ND	106	55-145	2	25	
n-Butylbenzene	518	100	ug/l	500	ND	104	65-135	8	20	
sec-Butylbenzene	525	100	ug/l	500	18	101	70-125	7	20	
tert-Butylbenzene	527	100	ug/l	500	ND	105	65-130	9	20	
Carbon tetrachloride	599	100	ug/l	500	ND	120	65-140	4	25	
Chlorobenzene	475	40	ug/l	500	ND	95	75-125	8	20	
Chloroethane	461	100	ug/l	500	ND	92	55-140	4	25	
Chloroform	463	40	ug/l	500	ND	93	65-135	5	20	
Chloromethane	485	100	ug/l	500	ND	97	45-145	6	25	
2-Chlorotoluene	510	100	ug/l	500	ND	102	65-135	8	20	
4-Chlorotoluene	512	100	ug/l	500	ND	102	70-135	7	20	
Dibromochloromethane	524	40	ug/l	500	ND	105	65-140	6	25	
1,2-Dibromo-3-chloropropane	403	100	ug/l	500	ND	81	45-145	1	30	
1,2-Dibromoethane (EDB)	424	40	ug/l	500	ND	85	70-130	2	25	
Dibromomethane	433	40	ug/l	500	ND	87	65-135	2	25	
1,2-Dichlorobenzene	497	40	ug/l	500	ND	99	75-125	8	20	
1,3-Dichlorobenzene	513	40	ug/l	500	ND	103	75-125	7	20	
1,4-Dichlorobenzene	490	40	ug/l	500	ND	98	75-125	4	20	
Dichlorodifluoromethane	584	100	ug/l	500	ND	117	25-155	6	30	
1,1-Dichloroethane	423	40	ug/l	500	ND	85	65-130	3	20	
1,2-Dichloroethane	483	40	ug/l	500	ND	97	60-140	1	20	
1,1-Dichloroethene	393	100	ug/l	500	ND	79	60-130	4	20	
cis-1,2-Dichloroethene	439	40	ug/l	500	7.6	86	65-130	7	20	
trans-1,2-Dichloroethene	440	40	ug/l	500	ND	88	65-130	6	20	
1,2-Dichloropropane	437	40	ug/l	500	ND	87	65-130	6	20	
1,3-Dichloropropane	426	40	ug/l	500	ND	85	65-135	4	25	
2,2-Dichloropropane	569	40	ug/l	500	ND	114	60-145	4	25	
1,1-Dichloropropene	509	40	ug/l	500	ND	102	70-135	8	20	
cis-1,3-Dichloropropene	441	40	ug/l	500	ND	88	70-130	5	20	
trans-1,3-Dichloropropene	450	40	ug/l	500	ND	90	65-135	0	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B13014 Extracted: 02/13/07										
Matrix Spike Dup Analyzed: 02/13/2007 (7B13014-MSD1)					**Source: IQB0971-02**					
Ethylbenzene	526	40	ug/l	500	ND	105	65-130	8	20	
Hexachlorobutadiene	549	100	ug/l	500	ND	110	60-135	10	20	
Isopropylbenzene	628	40	ug/l	500	44	117	70-135	7	20	
p-Isopropyltoluene	538	40	ug/l	500	ND	108	65-130	8	20	
Methylene chloride	352	100	ug/l	500	ND	70	50-135	3	20	
Naphthalene	401	100	ug/l	500	ND	80	50-140	2	30	
n-Propylbenzene	557	40	ug/l	500	29	106	70-135	6	20	
Styrene	484	40	ug/l	500	ND	97	50-145	9	30	
1,1,1,2-Tetrachloroethane	585	100	ug/l	500	ND	117	65-140	8	20	
1,1,2,2-Tetrachloroethane	372	40	ug/l	500	ND	74	55-135	1	30	
Tetrachloroethene	512	40	ug/l	500	ND	102	65-130	8	20	
Toluene	477	40	ug/l	500	ND	95	70-125	5	20	
1,2,3-Trichlorobenzene	466	100	ug/l	500	ND	93	60-135	3	20	
1,2,4-Trichlorobenzene	506	100	ug/l	500	ND	101	65-135	5	20	
1,1,1-Trichloroethane	527	40	ug/l	500	ND	105	65-140	6	20	
1,1,2-Trichloroethane	409	40	ug/l	500	ND	82	65-130	1	25	
Trichloroethene	489	40	ug/l	500	ND	98	65-125	5	20	
Trichlorofluoromethane	567	100	ug/l	500	ND	113	60-145	6	25	
1,2,3-Trichloropropane	382	200	ug/l	500	ND	76	55-135	0	30	
1,2,4-Trimethylbenzene	531	40	ug/l	500	ND	106	55-135	7	25	
1,3,5-Trimethylbenzene	553	40	ug/l	500	ND	111	70-130	8	20	
Vinyl chloride	538	100	ug/l	500	ND	108	45-140	6	30	
o-Xylene	481	40	ug/l	500	ND	96	65-125	8	20	
m,p-Xylenes	1010	40	ug/l	1000	ND	101	65-130	9	25	
Xylenes, Total	1490	80	ug/l	1500	ND	99	60-130	8	20	
Di-isopropyl Ether (DIPE)	407	100	ug/l	500	ND	81	60-140	4	25	
Ethyl tert-Butyl Ether (ETBE)	416	100	ug/l	500	ND	83	60-135	4	25	
tert-Amyl Methyl Ether (TAME)	407	100	ug/l	500	ND	81	60-140	4	30	
Methyl-tert-butyl Ether (MTBE)	410	100	ug/l	500	ND	82	55-145	2	25	
tert-Butanol (TBA)	2680	1000	ug/l	2500	ND	107	65-140	11	25	
Surrogate Dibromofluoromethane	*476*		*ug/l*	*500*		*95*	*80-120*			
Surrogate Toluene-d8	*502*		*ug/l*	*500*		*100*	*80-120*			
Surrogate 4-Bromofluorobenzene	*492*		*ug/l*	*500*		*98*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14014 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14014-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14014 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14014-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*27.1*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate Toluene-d8	*28.6*		*ug/l*	*25.0*		*114*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14014 Extracted: 02/14/07										
LCS Analyzed: 02/14/2007 (7B14014-BS1)										
Benzene	28.6	2.0	ug/l	25.0		114	70-120			
Bromobenzene	29.2	5.0	ug/l	25.0		117	75-120			
Bromochloromethane	30.0	5.0	ug/l	25.0		120	70-130			
Bromodichloromethane	29.8	2.0	ug/l	25.0		119	70-135			
Bromoform	26.8	5.0	ug/l	25.0		107	55-130			
Bromomethane	30.7	5.0	ug/l	25.0		123	65-140			
n-Butylbenzene	28.0	5.0	ug/l	25.0		112	70-130			
sec-Butylbenzene	28.0	5.0	ug/l	25.0		112	70-125			
tert-Butylbenzene	29.1	5.0	ug/l	25.0		116	70-125			
Carbon tetrachloride	29.0	5.0	ug/l	25.0		116	65-140			
Chlorobenzene	28.4	2.0	ug/l	25.0		114	75-120			
Chloroethane	29.1	5.0	ug/l	25.0		116	60-140			
Chloroform	29.1	2.0	ug/l	25.0		116	70-130			
Chloromethane	30.3	5.0	ug/l	25.0		121	50-140			
2-Chlorotoluene	28.4	5.0	ug/l	25.0		114	70-125			
4-Chlorotoluene	29.1	5.0	ug/l	25.0		116	75-125			
Dibromochloromethane	28.0	2.0	ug/l	25.0		112	70-140			
1,2-Dibromo-3-chloropropane	34.9	5.0	ug/l	25.0		140	50-135			*L*
1,2-Dibromoethane (EDB)	29.8	2.0	ug/l	25.0		119	75-125			
Dibromomethane	30.2	2.0	ug/l	25.0		121	70-125			
1,2-Dichlorobenzene	29.8	2.0	ug/l	25.0		119	75-120			
1,3-Dichlorobenzene	28.4	2.0	ug/l	25.0		114	75-120			
1,4-Dichlorobenzene	28.4	2.0	ug/l	25.0		114	75-120			
Dichlorodifluoromethane	29.9	5.0	ug/l	25.0		120	35-155			
1,1-Dichloroethane	28.5	2.0	ug/l	25.0		114	70-125			
1,2-Dichloroethane	29.2	2.0	ug/l	25.0		117	60-140			
1,1-Dichloroethene	26.1	5.0	ug/l	25.0		104	70-125			
cis-1,2-Dichloroethene	29.0	2.0	ug/l	25.0		116	70-125			
trans-1,2-Dichloroethene	28.8	2.0	ug/l	25.0		115	70-125			
1,2-Dichloropropane	29.0	2.0	ug/l	25.0		116	70-125			
1,3-Dichloropropane	30.1	2.0	ug/l	25.0		120	70-120			
2,2-Dichloropropane	28.8	2.0	ug/l	25.0		115	65-140			
1,1-Dichloropropene	28.7	2.0	ug/l	25.0		115	75-130			
cis-1,3-Dichloropropene	27.6	2.0	ug/l	25.0		110	75-125			
trans-1,3-Dichloropropene	29.4	2.0	ug/l	25.0		118	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14014 Extracted: 02/14/07										
LCS Analyzed: 02/14/2007 (7B14014-BS1)										
Ethylbenzene	29.5	2.0	ug/l	25.0		118	75-125			
Hexachlorobutadiene	26.7	5.0	ug/l	25.0		107	65-135			
Isopropylbenzene	33.1	2.0	ug/l	25.0		132	75-130			*L*
p-Isopropyltoluene	28.5	2.0	ug/l	25.0		114	75-125			
Methylene chloride	25.0	5.0	ug/l	25.0		100	55-130			
Naphthalene	32.7	5.0	ug/l	25.0		131	55-135			
n-Propylbenzene	29.4	2.0	ug/l	25.0		118	75-130			
Styrene	29.8	2.0	ug/l	25.0		119	75-130			
1,1,1,2-Tetrachloroethane	28.4	5.0	ug/l	25.0		114	70-130			
1,1,2,2-Tetrachloroethane	32.7	2.0	ug/l	25.0		131	55-130			*L*
Tetrachloroethene	26.6	2.0	ug/l	25.0		106	70-125			
Toluene	28.5	2.0	ug/l	25.0		114	70-120			
1,2,3-Trichlorobenzene	29.4	5.0	ug/l	25.0		118	65-125			
1,2,4-Trichlorobenzene	28.7	5.0	ug/l	25.0		115	70-135			
1,1,1-Trichloroethane	28.9	2.0	ug/l	25.0		116	65-135			
1,1,2-Trichloroethane	30.7	2.0	ug/l	25.0		123	70-125			
Trichloroethene	27.8	2.0	ug/l	25.0		111	70-125			
Trichlorofluoromethane	28.8	5.0	ug/l	25.0		115	65-145			
1,2,3-Trichloropropane	31.7	10	ug/l	25.0		127	60-130			
1,2,4-Trimethylbenzene	29.7	2.0	ug/l	25.0		119	75-125			
1,3,5-Trimethylbenzene	30.2	2.0	ug/l	25.0		121	75-125			
Vinyl chloride	30.5	5.0	ug/l	25.0		122	55-135			
o-Xylene	28.4	2.0	ug/l	25.0		114	75-125			
m,p-Xylenes	59.2	2.0	ug/l	50.0		118	75-125			
Xylenes, Total	87.5	4.0	ug/l	75.0		117	70-125			
Di-isopropyl Ether (DIPE)	30.8	5.0	ug/l	25.0		123	60-135			
Ethyl tert-Butyl Ether (ETBE)	31.1	5.0	ug/l	25.0		124	65-135			
tert-Amyl Methyl Ether (TAME)	31.8	5.0	ug/l	25.0		127	60-135			
Methyl-tert-butyl Ether (MTBE)	31.3	5.0	ug/l	25.0		125	60-135			
tert-Butanol (TBA)	128	50	ug/l	125		102	70-135			
Surrogate Dibromofluoromethane	*27.9*		*ug/l*	*25.0*		*112*	*80-120*			
Surrogate Toluene-d8	*29.0*		*ug/l*	*25.0*		*116*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14014 Extracted: 02/14/07										
Matrix Spike Analyzed: 02/14/2007 (7B14014-MS1)					**Source: IQB1170-05**					
Benzene	25.9	2.0	ug/l	25.0	ND	104	65-125			
Bromobenzene	26.0	5.0	ug/l	25.0	ND	104	70-125			
Bromochloromethane	24.8	5.0	ug/l	25.0	ND	99	65-135			
Bromodichloromethane	24.9	2.0	ug/l	25.0	ND	100	70-135			
Bromoform	20.8	5.0	ug/l	25.0	ND	83	55-135			
Bromomethane	27.4	5.0	ug/l	25.0	ND	110	55-145			
n-Butylbenzene	26.0	5.0	ug/l	25.0	ND	104	65-135			
sec-Butylbenzene	26.3	5.0	ug/l	25.0	ND	105	70-125			
tert-Butylbenzene	27.6	5.0	ug/l	25.0	ND	110	65-130			
Carbon tetrachloride	26.6	5.0	ug/l	25.0	ND	106	65-140			
Chlorobenzene	25.6	2.0	ug/l	25.0	ND	102	75-125			
Chloroethane	26.9	5.0	ug/l	25.0	ND	108	55-140			
Chloroform	25.2	2.0	ug/l	25.0	ND	101	65-135			
Chloromethane	30.8	5.0	ug/l	25.0	ND	123	45-145			
2-Chlorotoluene	27.0	5.0	ug/l	25.0	ND	108	65-135			
4-Chlorotoluene	26.8	5.0	ug/l	25.0	ND	107	70-135			
Dibromochloromethane	22.6	2.0	ug/l	25.0	ND	90	65-140			
1,2-Dibromo-3-chloropropane	24.2	5.0	ug/l	25.0	ND	97	45-145			
1,2-Dibromoethane (EDB)	24.0	2.0	ug/l	25.0	ND	96	70-130			
Dibromomethane	24.0	2.0	ug/l	25.0	ND	96	65-135			
1,2-Dichlorobenzene	25.9	2.0	ug/l	25.0	ND	104	75-125			
1,3-Dichlorobenzene	26.5	2.0	ug/l	25.0	ND	106	75-125			
1,4-Dichlorobenzene	25.7	2.0	ug/l	25.0	ND	103	75-125			
Dichlorodifluoromethane	34.6	5.0	ug/l	25.0	ND	138	25-155			
1,1-Dichloroethane	25.3	2.0	ug/l	25.0	ND	101	65-130			
1,2-Dichloroethane	23.9	2.0	ug/l	25.0	ND	96	60-140			
1,1-Dichloroethene	21.8	5.0	ug/l	25.0	ND	87	60-130			
cis-1,2-Dichloroethene	26.5	2.0	ug/l	25.0	ND	106	65-130			
trans-1,2-Dichloroethene	25.2	2.0	ug/l	25.0	ND	101	65-130			
1,2-Dichloropropane	25.1	2.0	ug/l	25.0	ND	100	65-130			
1,3-Dichloropropane	24.4	2.0	ug/l	25.0	ND	98	65-135			
2,2-Dichloropropane	28.5	2.0	ug/l	25.0	ND	114	60-145			
1,1-Dichloropropene	25.8	2.0	ug/l	25.0	ND	103	70-135			
cis-1,3-Dichloropropene	23.4	2.0	ug/l	25.0	ND	94	70-130			
trans-1,3-Dichloropropene	23.4	2.0	ug/l	25.0	ND	94	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14014 Extracted: 02/14/07										
Matrix Spike Analyzed: 02/14/2007 (7B14014-MS1)					**Source: IQB1170-05**					
Ethylbenzene	26.8	2.0	ug/l	25.0	ND	107	65-130			
Hexachlorobutadiene	23.7	5.0	ug/l	25.0	ND	95	60-135			
Isopropylbenzene	30.9	2.0	ug/l	25.0	ND	124	70-135			
p-Isopropyltoluene	24.7	2.0	ug/l	25.0	ND	99	65-130			
Methylene chloride	25.2	5.0	ug/l	25.0	ND	101	50-135			
Naphthalene	21.5	5.0	ug/l	25.0	ND	86	50-140			
n-Propylbenzene	27.8	2.0	ug/l	25.0	ND	111	70-135			
Styrene	9.33	2.0	ug/l	25.0	ND	37	50-145			*M2*
1,1,1,2-Tetrachloroethane	24.5	5.0	ug/l	25.0	ND	98	65-140			
1,1,2,2-Tetrachloroethane	24.8	2.0	ug/l	25.0	ND	99	55-135			
Tetrachloroethene	26.3	2.0	ug/l	25.0	ND	105	65-130			
Toluene	25.0	2.0	ug/l	25.0	ND	100	70-125			
1,2,3-Trichlorobenzene	24.0	5.0	ug/l	25.0	ND	96	60-135			
1,2,4-Trichlorobenzene	25.4	5.0	ug/l	25.0	ND	102	65-135			
1,1,1-Trichloroethane	26.3	2.0	ug/l	25.0	ND	105	65-140			
1,1,2-Trichloroethane	24.0	2.0	ug/l	25.0	ND	96	65-130			
Trichloroethene	26.1	2.0	ug/l	25.0	ND	104	65-125			
Trichlorofluoromethane	27.0	5.0	ug/l	25.0	ND	108	60-145			
1,2,3-Trichloropropane	25.2	10	ug/l	25.0	ND	101	55-135			
1,2,4-Trimethylbenzene	15.8	2.0	ug/l	25.0	ND	63	55-135			
1,3,5-Trimethylbenzene	21.9	2.0	ug/l	25.0	ND	88	70-130			
Vinyl chloride	31.2	5.0	ug/l	25.0	ND	125	45-140			
o-Xylene	24.4	2.0	ug/l	25.0	ND	98	65-125			
m,p-Xylenes	49.4	2.0	ug/l	50.0	ND	99	65-130			
Xylenes, Total	73.7	4.0	ug/l	75.0	ND	98	60-130			
Di-isopropyl Ether (DIPE)	25.2	5.0	ug/l	25.0	ND	101	60-140			
Ethyl tert-Butyl Ether (ETBE)	24.3	5.0	ug/l	25.0	ND	97	60-135			
tert-Amyl Methyl Ether (TAME)	24.0	5.0	ug/l	25.0	ND	96	60-140			
Methyl-tert-butyl Ether (MTBE)	23.1	5.0	ug/l	25.0	ND	92	55-145			
tert-Butanol (TBA)	111	50	ug/l	125	ND	89	65-140			
Surrogate Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate Toluene-d8	*28.4*		*ug/l*	*25.0*		*114*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14014 Extracted: 02/14/07										
Matrix Spike Dup Analyzed: 02/14/2007 (7B14014-MSD1)					**Source: IQB1170-05**					
Benzene	25.8	2.0	ug/l	25.0	ND	103	65-125	0	20	
Bromobenzene	25.9	5.0	ug/l	25.0	ND	104	70-125	0	20	
Bromochloromethane	25.0	5.0	ug/l	25.0	ND	100	65-135	1	25	
Bromodichloromethane	25.3	2.0	ug/l	25.0	ND	101	70-135	2	20	
Bromoform	21.5	5.0	ug/l	25.0	ND	86	55-135	3	25	
Bromomethane	26.9	5.0	ug/l	25.0	ND	108	55-145	2	25	
n-Butylbenzene	26.4	5.0	ug/l	25.0	ND	106	65-135	2	20	
sec-Butylbenzene	25.9	5.0	ug/l	25.0	ND	104	70-125	2	20	
tert-Butylbenzene	27.0	5.0	ug/l	25.0	ND	108	65-130	2	20	
Carbon tetrachloride	26.7	5.0	ug/l	25.0	ND	107	65-140	0	25	
Chlorobenzene	25.5	2.0	ug/l	25.0	ND	102	75-125	0	20	
Chloroethane	26.2	5.0	ug/l	25.0	ND	105	55-140	3	25	
Chloroform	25.2	2.0	ug/l	25.0	ND	101	65-135	0	20	
Chloromethane	29.9	5.0	ug/l	25.0	ND	120	45-145	3	25	
2-Chlorotoluene	26.6	5.0	ug/l	25.0	ND	106	65-135	1	20	
4-Chlorotoluene	26.6	5.0	ug/l	25.0	ND	106	70-135	1	20	
Dibromochloromethane	23.0	2.0	ug/l	25.0	ND	92	65-140	2	25	
1,2-Dibromo-3-chloropropane	26.0	5.0	ug/l	25.0	ND	104	45-145	7	30	
1,2-Dibromoethane (EDB)	24.4	2.0	ug/l	25.0	ND	98	70-130	2	25	
Dibromomethane	24.6	2.0	ug/l	25.0	ND	98	65-135	2	25	
1,2-Dichlorobenzene	26.1	2.0	ug/l	25.0	ND	104	75-125	1	20	
1,3-Dichlorobenzene	26.4	2.0	ug/l	25.0	ND	106	75-125	0	20	
1,4-Dichlorobenzene	25.7	2.0	ug/l	25.0	ND	103	75-125	0	20	
Dichlorodifluoromethane	33.9	5.0	ug/l	25.0	ND	136	25-155	2	30	
1,1-Dichloroethane	25.3	2.0	ug/l	25.0	ND	101	65-130	0	20	
1,2-Dichloroethane	24.6	2.0	ug/l	25.0	ND	98	60-140	3	20	
1,1-Dichloroethene	22.4	5.0	ug/l	25.0	ND	90	60-130	3	20	
cis-1,2-Dichloroethene	26.4	2.0	ug/l	25.0	ND	106	65-130	0	20	
trans-1,2-Dichloroethene	25.2	2.0	ug/l	25.0	ND	101	65-130	0	20	
1,2-Dichloropropane	25.2	2.0	ug/l	25.0	ND	101	65-130	0	20	
1,3-Dichloropropane	24.8	2.0	ug/l	25.0	ND	99	65-135	2	25	
2,2-Dichloropropane	27.6	2.0	ug/l	25.0	ND	110	60-145	3	25	
1,1-Dichloropropene	26.0	2.0	ug/l	25.0	ND	104	70-135	1	20	
cis-1,3-Dichloropropene	24.0	2.0	ug/l	25.0	ND	96	70-130	3	20	
trans-1,3-Dichloropropene	24.0	2.0	ug/l	25.0	ND	96	65-135	3	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14014 Extracted: 02/14/07										
Matrix Spike Dup Analyzed: 02/14/2007 (7B14014-MSD1)					**Source: IQB1170-05**					
Ethylbenzene	26.8	2.0	ug/l	25.0	ND	107	65-130	0	20	
Hexachlorobutadiene	24.1	5.0	ug/l	25.0	ND	96	60-135	2	20	
Isopropylbenzene	30.4	2.0	ug/l	25.0	ND	122	70-135	2	20	
p-Isopropyltoluene	25.1	2.0	ug/l	25.0	ND	100	65-130	2	20	
Methylene chloride	28.6	5.0	ug/l	25.0	ND	114	50-135	13	20	
Naphthalene	23.5	5.0	ug/l	25.0	ND	94	50-140	9	30	
n-Propylbenzene	27.3	2.0	ug/l	25.0	ND	109	70-135	2	20	
Styrene	13.0	2.0	ug/l	25.0	ND	52	50-145	33	30	*M2*
1,1,1,2-Tetrachloroethane	24.8	5.0	ug/l	25.0	ND	99	65-140	1	20	
1,1,2,2-Tetrachloroethane	25.2	2.0	ug/l	25.0	ND	101	55-135	2	30	
Tetrachloroethene	25.7	2.0	ug/l	25.0	ND	103	65-130	2	20	
Toluene	25.4	2.0	ug/l	25.0	ND	102	70-125	2	20	
1,2,3-Trichlorobenzene	25.2	5.0	ug/l	25.0	ND	101	60-135	5	20	
1,2,4-Trichlorobenzene	26.1	5.0	ug/l	25.0	ND	104	65-135	3	20	
1,1,1-Trichloroethane	26.1	2.0	ug/l	25.0	ND	104	65-140	1	20	
1,1,2-Trichloroethane	24.8	2.0	ug/l	25.0	ND	99	65-130	3	25	
Trichloroethene	26.1	2.0	ug/l	25.0	ND	104	65-125	0	20	
Trichlorofluoromethane	26.8	5.0	ug/l	25.0	ND	107	60-145	1	25	
1,2,3-Trichloropropane	25.1	10	ug/l	25.0	ND	100	55-135	0	30	
1,2,4-Trimethylbenzene	19.0	2.0	ug/l	25.0	ND	76	55-135	18	25	
1,3,5-Trimethylbenzene	24.2	2.0	ug/l	25.0	ND	97	70-130	10	20	
Vinyl chloride	30.9	5.0	ug/l	25.0	ND	124	45-140	1	30	
o-Xylene	24.8	2.0	ug/l	25.0	ND	99	65-125	2	20	
m,p-Xylenes	51.2	2.0	ug/l	50.0	ND	102	65-130	4	25	
Xylenes, Total	76.0	4.0	ug/l	75.0	ND	101	60-130	3	20	
Di-isopropyl Ether (DIPE)	25.8	5.0	ug/l	25.0	ND	103	60-140	2	25	
Ethyl tert-Butyl Ether (ETBE)	24.9	5.0	ug/l	25.0	ND	100	60-135	2	25	
tert-Amyl Methyl Ether (TAME)	25.0	5.0	ug/l	25.0	ND	100	60-140	4	30	
Methyl-tert-butyl Ether (MTBE)	24.3	5.0	ug/l	25.0	ND	97	55-145	5	25	
tert-Butanol (TBA)	109	50	ug/l	125	ND	87	65-140	2	25	
Surrogate Dibromofluoromethane	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate Toluene-d8	*28.7*		*ug/l*	*25.0*		*115*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14026 Extracted: 02/14/07										
Blank Analyzed: 02/14/2007 (7B14026-BLK1)										
Isopropylbenzene	ND	2.0	ug/l							
Surrogate Dibromofluoromethane	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate Toluene-d8	*28.8*		*ug/l*	*25.0*		*115*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
LCS Analyzed: 02/14/2007 (7B14026-BS1)										
Isopropylbenzene	29.1	2.0	ug/l	25.0		116	75-130			
Surrogate Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate Toluene-d8	*28.8*		*ug/l*	*25.0*		*115*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Matrix Spike Analyzed: 02/14/2007 (7B14026-MS1)					**Source: IQB0907-02**					
Isopropylbenzene	30.6	2.0	ug/l	25.0	ND	122	70-135			
Surrogate Dibromofluoromethane	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate Toluene-d8	*28.9*		*ug/l*	*25.0*		*116*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Matrix Spike Dup Analyzed: 02/14/2007 (7B14026-MSD1)					**Source: IQB0907-02**					
Isopropylbenzene	31.3	2.0	ug/l	25.0	ND	125	70-135	2	20	
Surrogate Dibromofluoromethane	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate Toluene-d8	*28.9*		*ug/l*	*25.0*		*116*	*80-120*			
Surrogate 4-Bromofluorobenzene	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11033 Extracted: 02/11/07										
Blank Analyzed: 02/13/2007 (7B11033-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate 1,4-Dioxane-d8	*1.39*		*ug/l*	*2.00*		*70*	*30-120*			
LCS Analyzed: 02/13/2007 (7B11033-BS1)										**MNR1**
1,4-Dioxane	1.48	0.50	ug/l	2.00		74	35-120			
Surrogate 1,4-Dioxane-d8	*1.23*		*ug/l*	*2.00*		*62*	*30-120*			
LCS Dup Analyzed: 02/13/2007 (7B11033-BSD1)										
1,4-Dioxane	1.28	0.50	ug/l	2.00		64	35-120	14	25	
Surrogate 1,4-Dioxane-d8	*1.16*		*ug/l*	*2.00*		*58*	*30-120*			
Batch: 7B14123 Extracted: 02/14/07										
Blank Analyzed: 02/16/2007 (7B14123-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate 1,4-Dioxane-d8	*1.00*		*ug/l*	*2.00*		*50*	*30-120*			
LCS Analyzed: 02/16/2007 (7B14123-BS1)										**MNR1**
1,4-Dioxane	1.36	0.50	ug/l	2.00		68	35-120			
Surrogate 1,4-Dioxane-d8	*1.26*		*ug/l*	*2.00*		*63*	*30-120*			
LCS Dup Analyzed: 02/16/2007 (7B14123-BSD1)										
1,4-Dioxane	1.48	0.50	ug/l	2.00		74	35-120	8	25	
Surrogate 1,4-Dioxane-d8	*1.29*		*ug/l*	*2.00*		*64*	*30-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B11033 Extracted: 02/11/07										
Blank Analyzed: 02/13/2007 (7B11033-BLK1)										
N-Nitrosodimethylamine	ND	0.0020	ug/l							
LCS Analyzed: 02/13/2007 (7B11033-BS1)										**MNR1**
N-Nitrosodimethylamine	0.00920	0.0020	ug/l	0.0100		92	60-140			
LCS Analyzed: 02/13/2007 (7B11033-BS2)										
N-Nitrosodimethylamine	0.00236	0.0020	ug/l	0.00200		118	60-140			
LCS Dup Analyzed: 02/13/2007 (7B11033-BSD1)										
N-Nitrosodimethylamine	0.00944	0.0020	ug/l	0.0100		94	60-140	3	30	
Batch: 7B14123 Extracted: 02/14/07										
Blank Analyzed: 02/15/2007 (7B14123-BLK1)										
N-Nitrosodimethylamine	ND	0.0020	ug/l							
LCS Analyzed: 02/15/2007 (7B14123-BS1)										**MNR1**
N-Nitrosodimethylamine	0.00863	0.0020	ug/l	0.0100		86	60-140			
LCS Analyzed: 02/15/2007 (7B14123-BS2)										
N-Nitrosodimethylamine	0.00234	0.0020	ug/l	0.00200		117	60-140			
LCS Dup Analyzed: 02/15/2007 (7B14123-BSD1)										
N-Nitrosodimethylamine	0.00861	0.0020	ug/l	0.0100		86	60-140	0	30	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

DISSOLVED GASES BY HEADSPACE EQUILIBRIUM (RSK-175 MOD.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15043 Extracted: 02/15/07										
Blank Analyzed: 02/15/2007 (7B15043-BLK1)										
Methane	ND	0.050	mg/l							
LCS Analyzed: 02/15/2007 (7B15043-BS1)										
Methane	1.36	0.050	mg/l	1.36		100	80-120			
Matrix Spike Analyzed: 02/15/2007 (7B15043-MS1)					**Source: IQB0884-06**					
Methane	1.35	0.050	mg/l	1.36	ND	99	80-120			
Matrix Spike Dup Analyzed: 02/15/2007 (7B15043-MSD1)					**Source: IQB0884-06**					
Methane	1.49	0.050	mg/l	1.36	ND	110	80-120	10	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B10026 Extracted: 02/10/07										
Blank Analyzed: 02/10/2007 (7B10026-BLK1)										
Chromium VI	ND	0.0020	mg/l							
LCS Analyzed: 02/10/2007 (7B10026-BS1)										
Chromium VI	0.0517	0.0020	mg/l	0.0500		103	90-110			
Matrix Spike Analyzed: 02/10/2007 (7B10026-MS1)					**Source: IQB0971-04**					
Chromium VI	0.0489	0.0020	mg/l	0.0500	ND	98	80-115			
Matrix Spike Dup Analyzed: 02/10/2007 (7B10026-MSD1)					**Source: IQB0971-04**					
Chromium VI	0.0491	0.0020	mg/l	0.0500	ND	98	80-115	0	15	
Batch: 7B10035 Extracted: 02/10/07										
Blank Analyzed: 02/10/2007 (7B10035-BLK1)										
Nitrate-N	ND	0.15	mg/l							
Sulfate	ND	0.50	mg/l							
LCS Analyzed: 02/10/2007 (7B10035-BS1)										
Nitrate-N	1.16	0.15	mg/l	1.13		103	90-110			
Sulfate	9.47	0.50	mg/l	10.0		95	90-110			
Matrix Spike Analyzed: 02/10/2007 (7B10035-MS1)					**Source: IQB0963-03**					
Nitrate-N	12.6	0.75	mg/l	1.13	11	142	80-120			*MHA*
Sulfate	254	2.5	mg/l	10.0	250	40	80-120			*MHA*
Matrix Spike Dup Analyzed: 02/10/2007 (7B10035-MSD1)					**Source: IQB0963-03**					
Nitrate-N	12.3	0.75	mg/l	1.13	11	115	80-120	2	20	
Sulfate	253	2.5	mg/l	10.0	250	30	80-120	0	20	*MHA*

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B10040 Extracted: 02/10/07										
Blank Analyzed: 02/10/2007 (7B10040-BLK1)										
Ferrous Iron	ND	0.10	mg/l							
Duplicate Analyzed: 02/10/2007 (7B10040-DUP1)					**Source: IQB0915-01**					
Ferrous Iron	ND	0.10	mg/l		ND				20	
Duplicate Analyzed: 02/10/2007 (7B10040-DUP2)					**Source: IQB0971-02**					
Ferrous Iron	ND	0.10	mg/l		ND				20	
Batch: 7B15108 Extracted: 02/15/07										
Duplicate Analyzed: 02/15/2007 (7B15108-DUP1)					**Source: IQB0780-01**					
Alkalinity as CaCO3	184	2.0	mg/l		180			2	20	
Reference Analyzed: 02/15/2007 (7B15108-SRM1)										
Alkalinity as CaCO3	240	2.0	mg/l	231		104	90-110			
Batch: 7B17039 Extracted: 02/17/07										
Blank Analyzed: 02/17/2007 (7B17039-BLK1)										
Perchlorate	ND	4.0	ug/l							
LCS Analyzed: 02/17/2007 (7B17039-BS1)										
Perchlorate	51.2	4.0	ug/l	50.0		102	85-115			
Matrix Spike Analyzed: 02/17/2007 (7B17039-MS1)					**Source: IQB0857-01**					
Perchlorate	50.3	4.0	ug/l	50.0	ND	101	80-120			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B17039 Extracted: 02/17/07										
Matrix Spike Dup Analyzed: 02/17/2007 (7B17039-MSD1)					**Source: IQB0857-01**					
Perchlorate	52.0	4.0	ug/l	50.0	ND	104	80-120	3	20	
Batch: 7B20115 Extracted: 02/20/07										
Blank Analyzed: 02/20/2007 (7B20115-BLK1)										
Perchlorate	ND	4.0	ug/l							
LCS Analyzed: 02/20/2007 (7B20115-BS1)										
Perchlorate	45.3	4.0	ug/l	50.0		91	85-115			
Matrix Spike Analyzed: 02/20/2007 (7B20115-MS1)					**Source: IQB0971-01**					
Perchlorate	45.1	4.0	ug/l	50.0	ND	90	80-120			
Matrix Spike Dup Analyzed: 02/20/2007 (7B20115-MSD1)					**Source: IQB0971-01**					
Perchlorate	47.8	4.0	ug/l	50.0	ND	96	80-120	6	20	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

DATA QUALIFIERS AND DEFINITIONS

HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
QP	Hydrocarbon result partly due to individual peak(s) in quantitation range.
RL4	Reporting limit raised due to insufficient sample volume.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For GRO (C4-C12):

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

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB0971

Sampled: 02/09/07
Received: 02/09/07

Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1625C-CI Mod	Water		
EPA 300.0	Water	X	X
EPA 314.0	Water	N/A	X
EPA 7199	Water	X	X
EPA 8015B	Water	X	X
EPA 8260B	Water	X	X
EPA 8270C	Water	X	X
RSK-175 MOD.	Water	N/A	N/A
SM 3500-Fe D	Water		
SM2320B	Water	X	X

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

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

1014 E. Cooley Dr. Suite A, Colton, CA 92324 (909) 370-4687 FAX (909) 370-1046
2828 South 51st St. Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3626

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

IDB471

Page ___ of ___

Client Name/Address: Arcadia BP

Project/PO Number: Former Gas Plant 54205 001

Project Manager: Jennifer Wiley

Phone Number: 474-9052

Sampler: Matt Weatherford

Fax Number: 474-9345

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	NDMA - 1625	1,4 Dioxane - 8260	8260B (Low)	8015g (Low)	Disc. Sulfide (Methylene Blue)	Sulfate - 300.0 / Nitrate	Iron Fe - 3500 Fe D	Total Alkalinity (SM 2320B)	Chromium VI	Perchlorate 314.0	Special Instructions
EW-1-0207	liquid	Various	10	2/9/07	8:05	HNO3/ICED	X	X	X	X					X	X	
MW-503B-0207			13		9:10		X	X	X	X	X	X	X	X	X	X	Client
MW-502-0207			10		10:10		X	X	X	X					X	X	contact
W-11-0207			10		11:55		X	X	X	X					X	X	sampler
W-10-0207			10		13:00		X	X	X	X					X	X	in cooler
W-10-0207-D			10		13:10		X	X	X	▽					X	X	
W-7-0207			10		14:20		X	X	X	X					X	X	
MW-504-0207			10		15:10		X	X	X	X					X	X	
W-8-0207			10		15:40		X	X	X	X					X	X	
TB-020907		VOAs	3		8:00	HCL			X								

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)	
Matt Weatherford	2/9/07 17:13	Casey	2/9/7 1773	same day ___	72 hours ___
Relinquished By: Casey	Date/Time: 2/9/7 1840	Received By:	Date/Time:	24 hours ___	5 days ___
				48 hours ___	normal X
Relinquished By:	Date/Time:	Received in Lab By: Edward N	Date/Time: 2/9/07 1840	Sample Integrity: (Check)	
				intact X	on ice X

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

HE 2-9-07
2060

4.5/4.0 °C

146

TestAmerica
ANALYTICAL TESTING CORPORATION

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

LABORATORY REPORT

Prepared For: Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project: Former Cenco Refinery - 2006
54205.001

Sampled: 02/12/07
Received: 02/12/07
Issued: 02/28/07 16:18

NELAP #01108CA California ELAP#1197 CSDLAC #10256

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

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IQB1082-01	MW-501A-0207	Water
IQB1082-02	MW-101-0207	Water
IQB1082-03	TB-021207	Water

Reviewed By:

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-01 (MW-501A-0207 - Water)								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B20054	2000	**13000**	40	2/20/2007	2/20/2007	QP
Surrogate: 4-BFB (FID) (65-140%)				*223 %*				*ZX*
Sample ID: IQB1082-02 (MW-101-0207 - Water)								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7B20054	500	**2100**	10	2/20/2007	2/20/2007	
Surrogate: 4-BFB (FID) (65-140%)				*165 %*				*ZX*

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-01 (MW-501A-0207 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	7B15024	40	**3800**	20	2/15/2007	2/16/2007	
Bromobenzene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
Bromochloromethane	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
Bromodichloromethane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Bromoform	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
Bromomethane	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
n-Butylbenzene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
sec-Butylbenzene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
tert-Butylbenzene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
Carbon tetrachloride	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
Chlorobenzene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Chloroethane	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
Chloroform	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Chloromethane	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
2-Chlorotoluene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
4-Chlorotoluene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
Dibromochloromethane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Dibromomethane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,2-Dichlorobenzene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,3-Dichlorobenzene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,4-Dichlorobenzene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Dichlorodifluoromethane	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
1,1-Dichloroethane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,2-Dichloroethane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,1-Dichloroethene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,2-Dichloropropane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,3-Dichloropropane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
2,2-Dichloropropane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,1-Dichloropropene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Ethylbenzene	EPA 8260B	7B15024	40	**130**	20	2/15/2007	2/16/2007	
Hexachlorobutadiene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
p-Isopropyltoluene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Methylene chloride	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
Naphthalene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
n-Propylbenzene	EPA 8260B	7B15024	40	**380**	20	2/15/2007	2/16/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-01 (MW-501A-0207 - Water) - cont.								
Reporting Units: ug/l								
Styrene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	L
Tetrachloroethene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Toluene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
1,1,1-Trichloroethane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,1,2-Trichloroethane	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Trichloroethene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Trichlorofluoromethane	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
1,2,3-Trichloropropane	EPA 8260B	7B15024	200	ND	20	2/15/2007	2/16/2007	L
1,2,4-Trimethylbenzene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B15024	40	**44**	20	2/15/2007	2/16/2007	
Vinyl chloride	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
o-Xylene	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
m,p-Xylenes	EPA 8260B	7B15024	40	ND	20	2/15/2007	2/16/2007	
Xylenes, Total	EPA 8260B	7B15024	80	ND	20	2/15/2007	2/16/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B15024	100	ND	20	2/15/2007	2/16/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B15024	100	**1100**	20	2/15/2007	2/16/2007	
tert-Butanol (TBA)	EPA 8260B	7B15024	1000	ND	20	2/15/2007	2/16/2007	
Surrogate: Dibromofluoromethane (80-120%)				*119 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*91 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-01RE1 (MW-501A-0207 - Water) - cont.								
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B21023	40	**160**	20	2/21/2007	2/21/2007	
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-02 (MW-101-0207 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	7B16028	8.0	**240**	4	2/16/2007	2/17/2007	
Bromobenzene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Bromochloromethane	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Bromodichloromethane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Bromoform	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Bromomethane	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
n-Butylbenzene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
sec-Butylbenzene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
tert-Butylbenzene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Carbon tetrachloride	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Chlorobenzene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Chloroethane	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Chloroform	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Chloromethane	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
2-Chlorotoluene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
4-Chlorotoluene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Dibromochloromethane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Dibromomethane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,2-Dichlorobenzene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,3-Dichlorobenzene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,4-Dichlorobenzene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Dichlorodifluoromethane	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
1,1-Dichloroethane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,2-Dichloroethane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,1-Dichloroethene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B16028	8.0	**47**	4	2/16/2007	2/17/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,2-Dichloropropane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,3-Dichloropropane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
2,2-Dichloropropane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,1-Dichloropropene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Ethylbenzene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Hexachlorobutadiene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
p-Isopropyltoluene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Methylene chloride	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Naphthalene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
n-Propylbenzene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-02 (MW-101-0207 - Water) - cont.								
Reporting Units: ug/l								
Styrene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	C, L
Tetrachloroethene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Toluene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
1,1,1-Trichloroethane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,1,2-Trichloroethane	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Trichloroethene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Trichlorofluoromethane	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
1,2,3-Trichloropropane	EPA 8260B	7B16028	40	ND	4	2/16/2007	2/17/2007	C, L
1,2,4-Trimethylbenzene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	C, L
Vinyl chloride	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
o-Xylene	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
m,p-Xylenes	EPA 8260B	7B16028	8.0	ND	4	2/16/2007	2/17/2007	
Xylenes, Total	EPA 8260B	7B16028	16	ND	4	2/16/2007	2/17/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B16028	20	ND	4	2/16/2007	2/17/2007	
Surrogate: Dibromofluoromethane (80-120%)				*114 %*				
Surrogate: Toluene-d8 (80-120%)				*110 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-02RE1 (MW-101-0207 - Water) - cont.								
Reporting Units: ug/l								
Isopropylbenzene	EPA 8260B	7B23013	2.0	**4.8**	1	2/23/2007	2/23/2007	
tert-Butanol (TBA)	EPA 8260B	7B23013	50	**72**	1	2/23/2007	2/23/2007	
Surrogate: Dibromofluoromethane (80-120%)				*98 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*111 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-03 (TB-021207 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Bromobenzene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Bromochloromethane	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Bromodichloromethane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Bromoform	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Bromomethane	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
n-Butylbenzene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
sec-Butylbenzene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
tert-Butylbenzene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Carbon tetrachloride	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Chlorobenzene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Chloroethane	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Chloroform	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Chloromethane	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
2-Chlorotoluene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
4-Chlorotoluene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Dibromochloromethane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Dibromomethane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,2-Dichlorobenzene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,3-Dichlorobenzene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,4-Dichlorobenzene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Dichlorodifluoromethane	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
1,1-Dichloroethane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,2-Dichloroethane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,1-Dichloroethene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
cis-1,2-Dichloroethene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
trans-1,2-Dichloroethene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,2-Dichloropropane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,3-Dichloropropane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
2,2-Dichloropropane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,1-Dichloropropene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
cis-1,3-Dichloropropene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
trans-1,3-Dichloropropene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Ethylbenzene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Hexachlorobutadiene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Isopropylbenzene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	L
p-Isopropyltoluene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Methylene chloride	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Naphthalene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-03 (TB-021207 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Styrene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	L
Tetrachloroethene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Toluene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
1,1,1-Trichloroethane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,1,2-Trichloroethane	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Trichloroethene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Trichlorofluoromethane	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
1,2,3-Trichloropropane	EPA 8260B	7B15024	10	ND	1	2/15/2007	2/16/2007	L
1,2,4-Trimethylbenzene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Vinyl chloride	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
o-Xylene	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
m,p-Xylenes	EPA 8260B	7B15024	2.0	ND	1	2/15/2007	2/16/2007	
Xylenes, Total	EPA 8260B	7B15024	4.0	ND	1	2/15/2007	2/16/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7B15024	5.0	ND	1	2/15/2007	2/16/2007	
tert-Butanol (TBA)	EPA 8260B	7B15024	50	ND	1	2/15/2007	2/16/2007	
Surrogate: Dibromofluoromethane (80-120%)				*116 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*86 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-01 (MW-501A-0207 - Water)								
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B14123	2.4	**13**	4.81	2/14/2007	2/16/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*102 %*				*Z3*
Sample ID: IQB1082-02 (MW-101-0207 - Water)								
Reporting Units: ug/l								
1,4-Dioxane	EPA 8270C	7B14123	0.50	**2.2**	1.01	2/14/2007	2/16/2007	
Surrogate: 1,4-Dioxane-d8 (30-120%)				*74 %*				

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-01 (MW-501A-0207 - Water)								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B14123	0.0019	ND	0.962	2/14/2007	2/16/2007	I
Sample ID: IQB1082-02 (MW-101-0207 - Water)								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7B14123	0.0020	ND	1.01	2/14/2007	2/16/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQB1082-01 (MW-501A-0207 - Water)								
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B12099	0.0020	ND	1	2/12/2007	2/12/2007	
Sample ID: IQB1082-01 (MW-501A-0207 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B17047	4.0	ND	1	2/17/2007	2/18/2007	
Sample ID: IQB1082-02 (MW-101-0207 - Water)								
Reporting Units: mg/l								
Chromium VI	EPA 7199	7B12099	0.0020	ND	1	2/12/2007	2/12/2007	
Sample ID: IQB1082-02 (MW-101-0207 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	7B20115	4.0	ND	1	2/20/2007	2/20/2007	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: MW-501A-0207 (IQB1082-01) - Water					
EPA 7199	1	02/12/2007 13:10	02/12/2007 15:40	02/12/2007 19:15	02/12/2007 19:28
Sample ID: MW-101-0207 (IQB1082-02) - Water					
EPA 7199	1	02/12/2007 14:25	02/12/2007 15:40	02/12/2007 19:15	02/12/2007 19:39

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B20054 Extracted: 02/20/07										
Blank Analyzed: 02/20/2007 (7B20054-BLK1)										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate 4-BFB (FID)	*9.69*		*ug/l*	*10.0*		*97*	*65-140*			
LCS Analyzed: 02/20/2007 (7B20054-BS1)										
GRO (C4 - C12)	800	50	ug/l	800		100	85-115			
Surrogate 4-BFB (FID)	*15.8*		*ug/l*	*10.0*		*158*	*65-140*			*ZX*
Matrix Spike Analyzed: 02/20/2007 (7B20054-MS1)					**Source: IQB1054-07**					
GRO (C4 - C12)	234	50	ug/l	220	ND	106	65-140			
Surrogate 4-BFB (FID)	*11.5*		*ug/l*	*10.0*		*115*	*65-140*			
Matrix Spike Dup Analyzed: 02/20/2007 (7B20054-MSD1)					**Source: IQB1054-07**					
GRO (C4 - C12)	227	50	ug/l	220	ND	103	65-140	3	20	
Surrogate 4-BFB (FID)	*11.2*		*ug/l*	*10.0*		*112*	*65-140*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15024 Extracted: 02/15/07										
Blank Analyzed: 02/15/2007 (7B15024-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15024 Extracted: 02/15/07										
Blank Analyzed: 02/15/2007 (7B15024-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate Toluene-d8	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate 4-Bromofluorobenzene	*21.6*		*ug/l*	*25.0*		*86*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15024 Extracted: 02/15/07										
LCS Analyzed: 02/15/2007 (7B15024-BS1)										
Benzene	24.5	2.0	ug/l	25.0		98	70-120			
Bromobenzene	27.0	5.0	ug/l	25.0		108	75-120			
Bromochloromethane	26.5	5.0	ug/l	25.0		106	70-130			
Bromodichloromethane	26.2	2.0	ug/l	25.0		105	70-135			
Bromoform	25.1	5.0	ug/l	25.0		100	55-130			
Bromomethane	28.0	5.0	ug/l	25.0		112	65-140			
n-Butylbenzene	26.8	5.0	ug/l	25.0		107	70-130			
sec-Butylbenzene	27.7	5.0	ug/l	25.0		111	70-125			
tert-Butylbenzene	28.0	5.0	ug/l	25.0		112	70-125			
Carbon tetrachloride	23.0	5.0	ug/l	25.0		92	65-140			
Chlorobenzene	24.5	2.0	ug/l	25.0		98	75-120			
Chloroethane	27.7	5.0	ug/l	25.0		111	60-140			
Chloroform	25.8	2.0	ug/l	25.0		103	70-130			
Chloromethane	32.2	5.0	ug/l	25.0		129	50-140			
2-Chlorotoluene	28.9	5.0	ug/l	25.0		116	70-125			
4-Chlorotoluene	27.5	5.0	ug/l	25.0		110	75-125			
Dibromochloromethane	26.6	2.0	ug/l	25.0		106	70-140			
1,2-Dibromo-3-chloropropane	30.2	5.0	ug/l	25.0		121	50-135			
1,2-Dibromoethane (EDB)	25.6	2.0	ug/l	25.0		102	75-125			
Dibromomethane	26.0	2.0	ug/l	25.0		104	70-125			
1,2-Dichlorobenzene	28.1	2.0	ug/l	25.0		112	75-120			
1,3-Dichlorobenzene	26.6	2.0	ug/l	25.0		106	75-120			
1,4-Dichlorobenzene	25.6	2.0	ug/l	25.0		102	75-120			
Dichlorodifluoromethane	33.1	5.0	ug/l	25.0		132	35-155			
1,1-Dichloroethane	26.0	2.0	ug/l	25.0		104	70-125			
1,2-Dichloroethane	25.9	2.0	ug/l	25.0		104	60-140			
1,1-Dichloroethene	23.8	5.0	ug/l	25.0		95	70-125			
cis-1,2-Dichloroethene	26.8	2.0	ug/l	25.0		107	70-125			
trans-1,2-Dichloroethene	26.7	2.0	ug/l	25.0		107	70-125			
1,2-Dichloropropane	27.9	2.0	ug/l	25.0		112	70-125			
1,3-Dichloropropane	27.5	2.0	ug/l	25.0		110	70-120			
2,2-Dichloropropane	24.3	2.0	ug/l	25.0		97	65-140			
1,1-Dichloropropene	25.5	2.0	ug/l	25.0		102	75-130			
cis-1,3-Dichloropropene	23.3	2.0	ug/l	25.0		93	75-125			
trans-1,3-Dichloropropene	21.8	2.0	ug/l	25.0		87	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15024 Extracted: 02/15/07										
LCS Analyzed: 02/15/2007 (7B15024-BS1)										
Ethylbenzene	25.3	2.0	ug/l	25.0		101	75-125			
Hexachlorobutadiene	25.5	5.0	ug/l	25.0		102	65-135			
Isopropylbenzene	33.3	2.0	ug/l	25.0		133	75-130			*L*
p-Isopropyltoluene	27.5	2.0	ug/l	25.0		110	75-125			
Methylene chloride	25.5	5.0	ug/l	25.0		102	55-130			
Naphthalene	26.0	5.0	ug/l	25.0		104	55-135			
n-Propylbenzene	28.3	2.0	ug/l	25.0		113	75-130			
Styrene	24.9	2.0	ug/l	25.0		100	75-130			
1,1,1,2-Tetrachloroethane	25.8	5.0	ug/l	25.0		103	70-130			
1,1,2,2-Tetrachloroethane	36.6	2.0	ug/l	25.0		146	55-130			*L*
Tetrachloroethene	23.7	2.0	ug/l	25.0		95	70-125			
Toluene	25.5	2.0	ug/l	25.0		102	70-120			
1,2,3-Trichlorobenzene	25.2	5.0	ug/l	25.0		101	65-125			
1,2,4-Trichlorobenzene	24.4	5.0	ug/l	25.0		98	70-135			
1,1,1-Trichloroethane	24.5	2.0	ug/l	25.0		98	65-135			
1,1,2-Trichloroethane	28.7	2.0	ug/l	25.0		115	70-125			
Trichloroethene	24.6	2.0	ug/l	25.0		98	70-125			
Trichlorofluoromethane	26.8	5.0	ug/l	25.0		107	65-145			
1,2,3-Trichloropropane	33.1	10	ug/l	25.0		132	60-130			*L*
1,2,4-Trimethylbenzene	28.8	2.0	ug/l	25.0		115	75-125			
1,3,5-Trimethylbenzene	29.3	2.0	ug/l	25.0		117	75-125			
Vinyl chloride	28.1	5.0	ug/l	25.0		112	55-135			
o-Xylene	26.2	2.0	ug/l	25.0		105	75-125			
m,p-Xylenes	52.1	2.0	ug/l	50.0		104	75-125			
Xylenes, Total	78.3	4.0	ug/l	75.0		104	70-125			
Di-isopropyl Ether (DIPE)	28.7	5.0	ug/l	25.0		115	60-135			
Ethyl tert-Butyl Ether (ETBE)	28.0	5.0	ug/l	25.0		112	65-135			
tert-Amyl Methyl Ether (TAME)	28.5	5.0	ug/l	25.0		114	60-135			
Methyl-tert-butyl Ether (MTBE)	28.5	5.0	ug/l	25.0		114	60-135			
tert-Butanol (TBA)	117	50	ug/l	125		94	70-135			
Surrogate Dibromofluoromethane	*27.5*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate Toluene-d8	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15024 Extracted: 02/15/07										
Matrix Spike Analyzed: 02/15/2007 (7B15024-MS1)					**Source: IQB1068-02**					
Benzene	25.1	2.0	ug/l	25.0	ND	100	65-125			
Bromobenzene	27.4	5.0	ug/l	25.0	ND	110	70-125			
Bromochloromethane	25.4	5.0	ug/l	25.0	ND	102	65-135			
Bromodichloromethane	26.2	2.0	ug/l	25.0	0.31	104	70-135			
Bromoform	23.1	5.0	ug/l	25.0	ND	92	55-135			
Bromomethane	29.6	5.0	ug/l	25.0	ND	118	55-145			
n-Butylbenzene	27.8	5.0	ug/l	25.0	ND	111	65-135			
sec-Butylbenzene	29.2	5.0	ug/l	25.0	ND	117	70-125			
tert-Butylbenzene	28.7	5.0	ug/l	25.0	ND	115	65-130			
Carbon tetrachloride	23.5	5.0	ug/l	25.0	ND	94	65-140			
Chlorobenzene	24.9	2.0	ug/l	25.0	ND	100	75-125			
Chloroethane	29.8	5.0	ug/l	25.0	ND	119	55-140			
Chloroform	27.2	2.0	ug/l	25.0	ND	109	65-135			
Chloromethane	34.2	5.0	ug/l	25.0	ND	137	45-145			
2-Chlorotoluene	30.2	5.0	ug/l	25.0	ND	121	65-135			
4-Chlorotoluene	28.8	5.0	ug/l	25.0	ND	115	70-135			
Dibromochloromethane	25.8	2.0	ug/l	25.0	0.36	102	65-140			
1,2-Dibromo-3-chloropropane	27.4	5.0	ug/l	25.0	ND	110	45-145			
1,2-Dibromoethane (EDB)	24.2	2.0	ug/l	25.0	ND	97	70-130			
Dibromomethane	24.5	2.0	ug/l	25.0	ND	98	65-135			
1,2-Dichlorobenzene	28.5	2.0	ug/l	25.0	ND	114	75-125			
1,3-Dichlorobenzene	26.6	2.0	ug/l	25.0	ND	106	75-125			
1,4-Dichlorobenzene	25.9	2.0	ug/l	25.0	ND	104	75-125			
Dichlorodifluoromethane	34.0	5.0	ug/l	25.0	ND	136	25-155			
1,1-Dichloroethane	27.8	2.0	ug/l	25.0	ND	111	65-130			
1,2-Dichloroethane	25.0	2.0	ug/l	25.0	ND	100	60-140			
1,1-Dichloroethene	25.0	5.0	ug/l	25.0	ND	100	60-130			
cis-1,2-Dichloroethene	26.9	2.0	ug/l	25.0	ND	108	65-130			
trans-1,2-Dichloroethene	27.1	2.0	ug/l	25.0	ND	108	65-130			
1,2-Dichloropropane	28.1	2.0	ug/l	25.0	ND	112	65-130			
1,3-Dichloropropane	26.0	2.0	ug/l	25.0	ND	104	65-135			
2,2-Dichloropropane	27.7	2.0	ug/l	25.0	ND	111	60-145			
1,1-Dichloropropene	26.3	2.0	ug/l	25.0	ND	105	70-135			
cis-1,3-Dichloropropene	22.5	2.0	ug/l	25.0	ND	90	70-130			
trans-1,3-Dichloropropene	20.9	2.0	ug/l	25.0	ND	84	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15024 Extracted: 02/15/07										
Matrix Spike Analyzed: 02/15/2007 (7B15024-MS1)					**Source: IQB1068-02**					
Ethylbenzene	26.5	2.0	ug/l	25.0	ND	106	65-130			
Hexachlorobutadiene	24.8	5.0	ug/l	25.0	ND	99	60-135			
Isopropylbenzene	34.9	2.0	ug/l	25.0	ND	140	70-135			*M7*
p-Isopropyltoluene	28.5	2.0	ug/l	25.0	ND	114	65-130			
Methylene chloride	26.5	5.0	ug/l	25.0	1.1	102	50-135			
Naphthalene	24.4	5.0	ug/l	25.0	ND	98	50-140			
n-Propylbenzene	29.8	2.0	ug/l	25.0	ND	119	70-135			
Styrene	23.1	2.0	ug/l	25.0	ND	92	50-145			
1,1,1,2-Tetrachloroethane	25.6	5.0	ug/l	25.0	ND	102	65-140			
1,1,2,2-Tetrachloroethane	36.4	2.0	ug/l	25.0	ND	146	55-135			*M7*
Tetrachloroethene	23.6	2.0	ug/l	25.0	ND	94	65-130			
Toluene	25.1	2.0	ug/l	25.0	ND	100	70-125			
1,2,3-Trichlorobenzene	23.6	5.0	ug/l	25.0	ND	94	60-135			
1,2,4-Trichlorobenzene	23.9	5.0	ug/l	25.0	ND	96	65-135			
1,1,1-Trichloroethane	26.2	2.0	ug/l	25.0	ND	105	65-140			
1,1,2-Trichloroethane	27.0	2.0	ug/l	25.0	ND	108	65-130			
Trichloroethene	23.9	2.0	ug/l	25.0	ND	96	65-125			
Trichlorofluoromethane	28.2	5.0	ug/l	25.0	ND	113	60-145			
1,2,3-Trichloropropane	31.6	10	ug/l	25.0	ND	126	55-135			
1,2,4-Trimethylbenzene	28.0	2.0	ug/l	25.0	ND	112	55-135			
1,3,5-Trimethylbenzene	29.7	2.0	ug/l	25.0	ND	119	70-130			
Vinyl chloride	30.4	5.0	ug/l	25.0	ND	122	45-140			
o-Xylene	26.2	2.0	ug/l	25.0	ND	105	65-125			
m,p-Xylenes	52.4	2.0	ug/l	50.0	ND	105	65-130			
Xylenes, Total	78.6	4.0	ug/l	75.0	ND	105	60-130			
Di-isopropyl Ether (DIPE)	29.8	5.0	ug/l	25.0	ND	119	60-140			
Ethyl tert-Butyl Ether (ETBE)	27.6	5.0	ug/l	25.0	ND	110	60-135			
tert-Amyl Methyl Ether (TAME)	27.9	5.0	ug/l	25.0	ND	112	60-140			
Methyl-tert-butyl Ether (MTBE)	27.3	5.0	ug/l	25.0	ND	109	55-145			
tert-Butanol (TBA)	120	50	ug/l	125	ND	96	65-140			
Surrogate Dibromofluoromethane	*28.0*		*ug/l*	*25.0*		*112*	*80-120*			
Surrogate Toluene-d8	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15024 Extracted: 02/15/07										
Matrix Spike Dup Analyzed: 02/15/2007 (7B15024-MSD1)					**Source: IQB1068-02**					
Benzene	25.3	2.0	ug/l	25.0	ND	101	65-125	1	20	
Bromobenzene	27.6	5.0	ug/l	25.0	ND	110	70-125	1	20	
Bromochloromethane	26.7	5.0	ug/l	25.0	ND	107	65-135	5	25	
Bromodichloromethane	27.1	2.0	ug/l	25.0	0.31	107	70-135	3	20	
Bromoform	24.3	5.0	ug/l	25.0	ND	97	55-135	5	25	
Bromomethane	29.2	5.0	ug/l	25.0	ND	117	55-145	1	25	
n-Butylbenzene	26.6	5.0	ug/l	25.0	ND	106	65-135	4	20	
sec-Butylbenzene	29.1	5.0	ug/l	25.0	ND	116	70-125	0	20	
tert-Butylbenzene	29.0	5.0	ug/l	25.0	ND	116	65-130	1	20	
Carbon tetrachloride	23.3	5.0	ug/l	25.0	ND	93	65-140	1	25	
Chlorobenzene	24.8	2.0	ug/l	25.0	ND	99	75-125	0	20	
Chloroethane	28.8	5.0	ug/l	25.0	ND	115	55-140	3	25	
Chloroform	28.0	2.0	ug/l	25.0	ND	112	65-135	3	20	
Chloromethane	32.8	5.0	ug/l	25.0	ND	131	45-145	4	25	
2-Chlorotoluene	29.7	5.0	ug/l	25.0	ND	119	65-135	2	20	
4-Chlorotoluene	27.8	5.0	ug/l	25.0	ND	111	70-135	4	20	
Dibromochloromethane	26.1	2.0	ug/l	25.0	0.36	103	65-140	1	25	
1,2-Dibromo-3-chloropropane	30.6	5.0	ug/l	25.0	ND	122	45-145	11	30	
1,2-Dibromoethane (EDB)	24.8	2.0	ug/l	25.0	ND	99	70-130	2	25	
Dibromomethane	25.7	2.0	ug/l	25.0	ND	103	65-135	5	25	
1,2-Dichlorobenzene	28.5	2.0	ug/l	25.0	ND	114	75-125	0	20	
1,3-Dichlorobenzene	26.3	2.0	ug/l	25.0	ND	105	75-125	1	20	
1,4-Dichlorobenzene	26.1	2.0	ug/l	25.0	ND	104	75-125	1	20	
Dichlorodifluoromethane	33.4	5.0	ug/l	25.0	ND	134	25-155	2	30	
1,1-Dichloroethane	28.2	2.0	ug/l	25.0	ND	113	65-130	1	20	
1,2-Dichloroethane	25.6	2.0	ug/l	25.0	ND	102	60-140	2	20	
1,1-Dichloroethene	25.0	5.0	ug/l	25.0	ND	100	60-130	0	20	
cis-1,2-Dichloroethene	27.6	2.0	ug/l	25.0	ND	110	65-130	3	20	
trans-1,2-Dichloroethene	27.4	2.0	ug/l	25.0	ND	110	65-130	1	20	
1,2-Dichloropropane	28.2	2.0	ug/l	25.0	ND	113	65-130	0	20	
1,3-Dichloropropane	27.1	2.0	ug/l	25.0	ND	108	65-135	4	25	
2,2-Dichloropropane	26.4	2.0	ug/l	25.0	ND	106	60-145	5	25	
1,1-Dichloropropene	25.8	2.0	ug/l	25.0	ND	103	70-135	2	20	
cis-1,3-Dichloropropene	22.8	2.0	ug/l	25.0	ND	91	70-130	1	20	
trans-1,3-Dichloropropene	21.8	2.0	ug/l	25.0	ND	87	65-135	4	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B15024 Extracted: 02/15/07										
Matrix Spike Dup Analyzed: 02/15/2007 (7B15024-MSD1)					**Source: IQB1068-02**					
Ethylbenzene	25.4	2.0	ug/l	25.0	ND	102	65-130	4	20	
Hexachlorobutadiene	23.9	5.0	ug/l	25.0	ND	96	60-135	4	20	
Isopropylbenzene	34.4	2.0	ug/l	25.0	ND	138	70-135	1	20	*M7*
p-Isopropyltoluene	27.8	2.0	ug/l	25.0	ND	111	65-130	2	20	
Methylene chloride	26.9	5.0	ug/l	25.0	1.1	103	50-135	1	20	
Naphthalene	26.8	5.0	ug/l	25.0	ND	107	50-140	9	30	
n-Propylbenzene	29.6	2.0	ug/l	25.0	ND	118	70-135	1	20	
Styrene	23.0	2.0	ug/l	25.0	ND	92	50-145	0	30	
1,1,1,2-Tetrachloroethane	25.7	5.0	ug/l	25.0	ND	103	65-140	0	20	
1,1,2,2-Tetrachloroethane	38.5	2.0	ug/l	25.0	ND	154	55-135	6	30	*M1*
Tetrachloroethene	22.9	2.0	ug/l	25.0	ND	92	65-130	3	20	
Toluene	25.8	2.0	ug/l	25.0	ND	103	70-125	3	20	
1,2,3-Trichlorobenzene	24.4	5.0	ug/l	25.0	ND	98	60-135	3	20	
1,2,4-Trichlorobenzene	23.4	5.0	ug/l	25.0	ND	94	65-135	2	20	
1,1,1-Trichloroethane	26.2	2.0	ug/l	25.0	ND	105	65-140	0	20	
1,1,2-Trichloroethane	28.3	2.0	ug/l	25.0	ND	113	65-130	5	25	
Trichloroethene	24.1	2.0	ug/l	25.0	ND	96	65-125	1	20	
Trichlorofluoromethane	27.5	5.0	ug/l	25.0	ND	110	60-145	3	25	
1,2,3-Trichloropropane	34.1	10	ug/l	25.0	ND	136	55-135	8	30	*M7*
1,2,4-Trimethylbenzene	28.3	2.0	ug/l	25.0	ND	113	55-135	1	25	
1,3,5-Trimethylbenzene	30.4	2.0	ug/l	25.0	ND	122	70-130	2	20	
Vinyl chloride	29.3	5.0	ug/l	25.0	ND	117	45-140	4	30	
o-Xylene	25.1	2.0	ug/l	25.0	ND	100	65-125	4	20	
m,p-Xylenes	50.9	2.0	ug/l	50.0	ND	102	65-130	3	25	
Xylenes, Total	76.0	4.0	ug/l	75.0	ND	101	60-130	3	20	
Di-isopropyl Ether (DIPE)	30.8	5.0	ug/l	25.0	ND	123	60-140	3	25	
Ethyl tert-Butyl Ether (ETBE)	29.0	5.0	ug/l	25.0	ND	116	60-135	5	25	
tert-Amyl Methyl Ether (TAME)	29.6	5.0	ug/l	25.0	ND	118	60-140	6	30	
Methyl-tert-butyl Ether (MTBE)	29.8	5.0	ug/l	25.0	ND	119	55-145	9	25	
tert-Butanol (TBA)	115	50	ug/l	125	ND	92	65-140	4	25	
Surrogate Dibromofluoromethane	*29.1*		*ug/l*	*25.0*		*116*	*80-120*			
Surrogate Toluene-d8	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate 4-Bromofluorobenzene	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B16028 Extracted: 02/16/07										
Blank Analyzed: 02/16/2007 (7B16028-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B16028 Extracted: 02/16/07										
Blank Analyzed: 02/16/2007 (7B16028-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate Toluene-d8	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate 4-Bromofluorobenzene	*21.5*		*ug/l*	*25.0*		*86*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B16028 Extracted: 02/16/07										
LCS Analyzed: 02/16/2007 (7B16028-BS1)										
Benzene	26.7	2.0	ug/l	25.0		107	70-120			
Bromobenzene	27.9	5.0	ug/l	25.0		112	75-120			
Bromochloromethane	25.3	5.0	ug/l	25.0		101	70-130			
Bromodichloromethane	26.9	2.0	ug/l	25.0		108	70-135			
Bromoform	24.4	5.0	ug/l	25.0		98	55-130			
Bromomethane	30.1	5.0	ug/l	25.0		120	65-140			
n-Butylbenzene	28.7	5.0	ug/l	25.0		115	70-130			
sec-Butylbenzene	30.4	5.0	ug/l	25.0		122	70-125			
tert-Butylbenzene	30.4	5.0	ug/l	25.0		122	70-125			
Carbon tetrachloride	24.8	5.0	ug/l	25.0		99	65-140			
Chlorobenzene	26.2	2.0	ug/l	25.0		105	75-120			
Chloroethane	29.7	5.0	ug/l	25.0		119	60-140			
Chloroform	27.3	2.0	ug/l	25.0		109	70-130			
Chloromethane	34.4	5.0	ug/l	25.0		138	50-140			
2-Chlorotoluene	30.7	5.0	ug/l	25.0		123	70-125			
4-Chlorotoluene	29.4	5.0	ug/l	25.0		118	75-125			
Dibromochloromethane	26.6	2.0	ug/l	25.0		106	70-140			
1,2-Dibromo-3-chloropropane	29.4	5.0	ug/l	25.0		118	50-135			
1,2-Dibromoethane (EDB)	25.5	2.0	ug/l	25.0		102	75-125			
Dibromomethane	26.3	2.0	ug/l	25.0		105	70-125			
1,2-Dichlorobenzene	28.4	2.0	ug/l	25.0		114	75-120			
1,3-Dichlorobenzene	27.5	2.0	ug/l	25.0		110	75-120			
1,4-Dichlorobenzene	26.6	2.0	ug/l	25.0		106	75-120			
Dichlorodifluoromethane	34.4	5.0	ug/l	25.0		138	35-155			
1,1-Dichloroethane	28.5	2.0	ug/l	25.0		114	70-125			
1,2-Dichloroethane	26.6	2.0	ug/l	25.0		106	60-140			
1,1-Dichloroethene	25.8	5.0	ug/l	25.0		103	70-125			
cis-1,2-Dichloroethene	27.6	2.0	ug/l	25.0		110	70-125			
trans-1,2-Dichloroethene	27.2	2.0	ug/l	25.0		109	70-125			
1,2-Dichloropropane	29.7	2.0	ug/l	25.0		119	70-125			
1,3-Dichloropropane	27.1	2.0	ug/l	25.0		108	70-120			
2,2-Dichloropropane	27.0	2.0	ug/l	25.0		108	65-140			
1,1-Dichloropropene	28.2	2.0	ug/l	25.0		113	75-130			
cis-1,3-Dichloropropene	23.4	2.0	ug/l	25.0		94	75-125			
trans-1,3-Dichloropropene	21.7	2.0	ug/l	25.0		87	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B16028 Extracted: 02/16/07										
LCS Analyzed: 02/16/2007 (7B16028-BS1)										
Ethylbenzene	27.2	2.0	ug/l	25.0		109	75-125			
Hexachlorobutadiene	26.7	5.0	ug/l	25.0		107	65-135			
Isopropylbenzene	36.4	2.0	ug/l	25.0		146	75-130			*L*
p-Isopropyltoluene	29.8	2.0	ug/l	25.0		119	75-125			
Methylene chloride	29.2	5.0	ug/l	25.0		117	55-130			
Naphthalene	24.2	5.0	ug/l	25.0		97	55-135			
n-Propylbenzene	31.4	2.0	ug/l	25.0		126	75-130			
Styrene	25.6	2.0	ug/l	25.0		102	75-130			
1,1,1,2-Tetrachloroethane	27.1	5.0	ug/l	25.0		108	70-130			
1,1,2,2-Tetrachloroethane	37.2	2.0	ug/l	25.0		149	55-130			*L*
Tetrachloroethene	25.2	2.0	ug/l	25.0		101	70-125			
Toluene	27.3	2.0	ug/l	25.0		109	70-120			
1,2,3-Trichlorobenzene	23.6	5.0	ug/l	25.0		94	65-125			
1,2,4-Trichlorobenzene	24.0	5.0	ug/l	25.0		96	70-135			
1,1,1-Trichloroethane	26.3	2.0	ug/l	25.0		105	65-135			
1,1,2-Trichloroethane	28.1	2.0	ug/l	25.0		112	70-125			
Trichloroethene	26.5	2.0	ug/l	25.0		106	70-125			
Trichlorofluoromethane	27.4	5.0	ug/l	25.0		110	65-145			
1,2,3-Trichloropropane	33.5	10	ug/l	25.0		134	60-130			*L*
1,2,4-Trimethylbenzene	30.3	2.0	ug/l	25.0		121	75-125			
1,3,5-Trimethylbenzene	31.9	2.0	ug/l	25.0		128	75-125			*L*
Vinyl chloride	30.5	5.0	ug/l	25.0		122	55-135			
o-Xylene	26.7	2.0	ug/l	25.0		107	75-125			
m,p-Xylenes	55.1	2.0	ug/l	50.0		110	75-125			
Xylenes, Total	81.8	4.0	ug/l	75.0		109	70-125			
Di-isopropyl Ether (DIPE)	29.6	5.0	ug/l	25.0		118	60-135			
Ethyl tert-Butyl Ether (ETBE)	27.8	5.0	ug/l	25.0		111	65-135			
tert-Amyl Methyl Ether (TAME)	27.6	5.0	ug/l	25.0		110	60-135			
Methyl-tert-butyl Ether (MTBE)	27.7	5.0	ug/l	25.0		111	60-135			
tert-Butanol (TBA)	126	50	ug/l	125		101	70-135			
Surrogate Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate Toluene-d8	*26.9*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B16028 Extracted: 02/16/07										
Matrix Spike Analyzed: 02/16/2007 (7B16028-MS1)					**Source: IQB1144-05**					
Benzene	28.2	2.0	ug/l	25.0	ND	113	65-125			
Bromobenzene	29.3	5.0	ug/l	25.0	ND	117	70-125			
Bromochloromethane	28.3	5.0	ug/l	25.0	ND	113	65-135			
Bromodichloromethane	29.2	2.0	ug/l	25.0	ND	117	70-135			
Bromoform	27.1	5.0	ug/l	25.0	ND	108	55-135			
Bromomethane	31.2	5.0	ug/l	25.0	ND	125	55-145			
n-Butylbenzene	29.5	5.0	ug/l	25.0	ND	118	65-135			
sec-Butylbenzene	31.5	5.0	ug/l	25.0	ND	126	70-125			*M1*
tert-Butylbenzene	31.2	5.0	ug/l	25.0	ND	125	65-130			
Carbon tetrachloride	25.0	5.0	ug/l	25.0	ND	100	65-140			
Chlorobenzene	28.3	2.0	ug/l	25.0	ND	113	75-125			
Chloroethane	31.1	5.0	ug/l	25.0	ND	124	55-140			
Chloroform	28.6	2.0	ug/l	25.0	ND	114	65-135			
Chloromethane	36.3	5.0	ug/l	25.0	ND	145	45-145			
2-Chlorotoluene	32.5	5.0	ug/l	25.0	ND	130	65-135			
4-Chlorotoluene	31.0	5.0	ug/l	25.0	ND	124	70-135			
Dibromochloromethane	29.2	2.0	ug/l	25.0	ND	117	65-140			
1,2-Dibromo-3-chloropropane	31.4	5.0	ug/l	25.0	ND	126	45-145			
1,2-Dibromoethane (EDB)	28.0	2.0	ug/l	25.0	ND	112	70-130			
Dibromomethane	28.7	2.0	ug/l	25.0	ND	115	65-135			
1,2-Dichlorobenzene	30.8	2.0	ug/l	25.0	ND	123	75-125			
1,3-Dichlorobenzene	28.9	2.0	ug/l	25.0	ND	116	75-125			
1,4-Dichlorobenzene	27.6	2.0	ug/l	25.0	ND	110	75-125			
Dichlorodifluoromethane	35.0	5.0	ug/l	25.0	ND	140	25-155			
1,1-Dichloroethane	29.8	2.0	ug/l	25.0	ND	119	65-130			
1,2-Dichloroethane	28.4	2.0	ug/l	25.0	ND	114	60-140			
1,1-Dichloroethene	26.6	5.0	ug/l	25.0	ND	106	60-130			
cis-1,2-Dichloroethene	29.9	2.0	ug/l	25.0	ND	120	65-130			
trans-1,2-Dichloroethene	29.1	2.0	ug/l	25.0	ND	116	65-130			
1,2-Dichloropropane	32.0	2.0	ug/l	25.0	ND	128	65-130			
1,3-Dichloropropane	30.0	2.0	ug/l	25.0	ND	120	65-135			
2,2-Dichloropropane	26.0	2.0	ug/l	25.0	ND	104	60-145			
1,1-Dichloropropene	28.8	2.0	ug/l	25.0	ND	115	70-135			
cis-1,3-Dichloropropene	26.0	2.0	ug/l	25.0	ND	104	70-130			
trans-1,3-Dichloropropene	23.7	2.0	ug/l	25.0	ND	95	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B16028 Extracted: 02/16/07										
Matrix Spike Analyzed: 02/16/2007 (7B16028-MS1)					**Source: IQB1144-05**					
Ethylbenzene	28.7	2.0	ug/l	25.0	ND	115	65-130			
Hexachlorobutadiene	27.6	5.0	ug/l	25.0	ND	110	60-135			
Isopropylbenzene	36.7	2.0	ug/l	25.0	ND	147	70-135			*M7*
p-Isopropyltoluene	30.3	2.0	ug/l	25.0	ND	121	65-130			
Methylene chloride	32.7	5.0	ug/l	25.0	5.1	110	50-135			
Naphthalene	26.7	5.0	ug/l	25.0	ND	107	50-140			
n-Propylbenzene	31.0	2.0	ug/l	25.0	ND	124	70-135			
Styrene	26.5	2.0	ug/l	25.0	ND	106	50-145			
1,1,1,2-Tetrachloroethane	28.8	5.0	ug/l	25.0	ND	115	65-140			
1,1,2,2-Tetrachloroethane	39.8	2.0	ug/l	25.0	ND	159	55-135			*M7*
Tetrachloroethene	26.5	2.0	ug/l	25.0	ND	106	65-130			
Toluene	28.8	2.0	ug/l	25.0	ND	115	70-125			
1,2,3-Trichlorobenzene	27.4	5.0	ug/l	25.0	ND	110	60-135			
1,2,4-Trichlorobenzene	26.2	5.0	ug/l	25.0	ND	105	65-135			
1,1,1-Trichloroethane	26.9	2.0	ug/l	25.0	ND	108	65-140			
1,1,2-Trichloroethane	31.5	2.0	ug/l	25.0	ND	126	65-130			
Trichloroethene	27.0	2.0	ug/l	25.0	0.27	107	65-125			
Trichlorofluoromethane	28.4	5.0	ug/l	25.0	ND	114	60-145			
1,2,3-Trichloropropane	35.8	10	ug/l	25.0	ND	143	55-135			*M7*
1,2,4-Trimethylbenzene	30.1	2.0	ug/l	25.0	ND	120	55-135			
1,3,5-Trimethylbenzene	30.8	2.0	ug/l	25.0	ND	123	70-130			
Vinyl chloride	30.8	5.0	ug/l	25.0	ND	123	45-140			
o-Xylene	28.9	2.0	ug/l	25.0	ND	116	65-125			
m,p-Xylenes	57.6	2.0	ug/l	50.0	ND	115	65-130			
Xylenes, Total	86.6	4.0	ug/l	75.0	ND	115	60-130			
Di-isopropyl Ether (DIPE)	32.0	5.0	ug/l	25.0	ND	128	60-140			
Ethyl tert-Butyl Ether (ETBE)	30.6	5.0	ug/l	25.0	ND	122	60-135			
tert-Amyl Methyl Ether (TAME)	31.6	5.0	ug/l	25.0	ND	126	60-140			
Methyl-tert-butyl Ether (MTBE)	30.8	5.0	ug/l	25.0	ND	123	55-145			
tert-Butanol (TBA)	171	50	ug/l	125	37	107	65-140			
Surrogate Dibromofluoromethane	*27.3*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate Toluene-d8	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B16028 Extracted: 02/16/07										
Matrix Spike Dup Analyzed: 02/17/2007 (7B16028-MSD1)					**Source: IQB1144-05**					
Benzene	29.2	2.0	ug/l	25.0	ND	117	65-125	3	20	
Bromobenzene	31.9	5.0	ug/l	25.0	ND	128	70-125	8	20	*M1*
Bromochloromethane	30.0	5.0	ug/l	25.0	ND	120	65-135	6	25	
Bromodichloromethane	30.3	2.0	ug/l	25.0	ND	121	70-135	4	20	
Bromoform	27.6	5.0	ug/l	25.0	ND	110	55-135	2	25	
Bromomethane	33.0	5.0	ug/l	25.0	ND	132	55-145	6	25	
n-Butylbenzene	30.2	5.0	ug/l	25.0	ND	121	65-135	2	20	
sec-Butylbenzene	32.0	5.0	ug/l	25.0	ND	128	70-125	2	20	*M1*
tert-Butylbenzene	32.4	5.0	ug/l	25.0	ND	130	65-130	4	20	
Carbon tetrachloride	26.2	5.0	ug/l	25.0	ND	105	65-140	5	25	
Chlorobenzene	29.2	2.0	ug/l	25.0	ND	117	75-125	3	20	
Chloroethane	32.9	5.0	ug/l	25.0	ND	132	55-140	6	25	
Chloroform	30.7	2.0	ug/l	25.0	ND	123	65-135	7	20	
Chloromethane	39.3	5.0	ug/l	25.0	ND	157	45-145	8	25	*M1*
2-Chlorotoluene	34.2	5.0	ug/l	25.0	ND	137	65-135	5	20	*M1*
4-Chlorotoluene	32.3	5.0	ug/l	25.0	ND	129	70-135	4	20	
Dibromochloromethane	29.8	2.0	ug/l	25.0	ND	119	65-140	2	25	
1,2-Dibromo-3-chloropropane	32.0	5.0	ug/l	25.0	ND	128	45-145	2	30	
1,2-Dibromoethane (EDB)	28.8	2.0	ug/l	25.0	ND	115	70-130	3	25	
Dibromomethane	29.0	2.0	ug/l	25.0	ND	116	65-135	1	25	
1,2-Dichlorobenzene	32.3	2.0	ug/l	25.0	ND	129	75-125	5	20	*M1*
1,3-Dichlorobenzene	30.3	2.0	ug/l	25.0	ND	121	75-125	5	20	
1,4-Dichlorobenzene	29.6	2.0	ug/l	25.0	ND	118	75-125	7	20	
Dichlorodifluoromethane	38.8	5.0	ug/l	25.0	ND	155	25-155	10	30	
1,1-Dichloroethane	31.6	2.0	ug/l	25.0	ND	126	65-130	6	20	
1,2-Dichloroethane	29.0	2.0	ug/l	25.0	ND	116	60-140	2	20	
1,1-Dichloroethene	27.1	5.0	ug/l	25.0	ND	108	60-130	2	20	
cis-1,2-Dichloroethene	31.4	2.0	ug/l	25.0	ND	126	65-130	5	20	
trans-1,2-Dichloroethene	30.0	2.0	ug/l	25.0	ND	120	65-130	3	20	
1,2-Dichloropropane	33.4	2.0	ug/l	25.0	ND	134	65-130	4	20	*M1*
1,3-Dichloropropane	31.2	2.0	ug/l	25.0	ND	125	65-135	4	25	
2,2-Dichloropropane	28.0	2.0	ug/l	25.0	ND	112	60-145	7	25	
1,1-Dichloropropene	29.3	2.0	ug/l	25.0	ND	117	70-135	2	20	
cis-1,3-Dichloropropene	27.1	2.0	ug/l	25.0	ND	108	70-130	4	20	
trans-1,3-Dichloropropene	23.9	2.0	ug/l	25.0	ND	96	65-135	1	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B16028 Extracted: 02/16/07										
Matrix Spike Dup Analyzed: 02/17/2007 (7B16028-MSD1)					**Source: IQB1144-05**					
Ethylbenzene	29.7	2.0	ug/l	25.0	ND	119	65-130	3	20	
Hexachlorobutadiene	29.0	5.0	ug/l	25.0	ND	116	60-135	5	20	
Isopropylbenzene	38.3	2.0	ug/l	25.0	ND	153	70-135	4	20	*M7*
p-Isopropyltoluene	31.4	2.0	ug/l	25.0	ND	126	65-130	4	20	
Methylene chloride	34.4	5.0	ug/l	25.0	5.1	117	50-135	5	20	
Naphthalene	28.1	5.0	ug/l	25.0	ND	112	50-140	5	30	
n-Propylbenzene	33.0	2.0	ug/l	25.0	ND	132	70-135	6	20	
Styrene	26.8	2.0	ug/l	25.0	ND	107	50-145	1	30	
1,1,1,2-Tetrachloroethane	29.8	5.0	ug/l	25.0	ND	119	65-140	3	20	
1,1,2,2-Tetrachloroethane	40.8	2.0	ug/l	25.0	ND	163	55-135	2	30	*M7*
Tetrachloroethene	27.4	2.0	ug/l	25.0	ND	110	65-130	3	20	
Toluene	29.8	2.0	ug/l	25.0	ND	119	70-125	3	20	
1,2,3-Trichlorobenzene	27.7	5.0	ug/l	25.0	ND	111	60-135	1	20	
1,2,4-Trichlorobenzene	27.8	5.0	ug/l	25.0	ND	111	65-135	6	20	
1,1,1-Trichloroethane	28.5	2.0	ug/l	25.0	ND	114	65-140	6	20	
1,1,2-Trichloroethane	32.5	2.0	ug/l	25.0	ND	130	65-130	3	25	
Trichloroethene	28.6	2.0	ug/l	25.0	0.27	113	65-125	6	20	
Trichlorofluoromethane	29.8	5.0	ug/l	25.0	ND	119	60-145	5	25	
1,2,3-Trichloropropane	37.2	10	ug/l	25.0	ND	149	55-135	4	30	*M7*
1,2,4-Trimethylbenzene	32.5	2.0	ug/l	25.0	ND	130	55-135	8	25	
1,3,5-Trimethylbenzene	32.7	2.0	ug/l	25.0	ND	131	70-130	6	20	*M7*
Vinyl chloride	33.1	5.0	ug/l	25.0	ND	132	45-140	7	30	
o-Xylene	29.3	2.0	ug/l	25.0	ND	117	65-125	1	20	
m,p-Xylenes	59.6	2.0	ug/l	50.0	ND	119	65-130	3	25	
Xylenes, Total	89.0	4.0	ug/l	75.0	ND	119	60-130	3	20	
Di-isopropyl Ether (DIPE)	33.9	5.0	ug/l	25.0	ND	136	60-140	6	25	
Ethyl tert-Butyl Ether (ETBE)	32.4	5.0	ug/l	25.0	ND	130	60-135	6	25	
tert-Amyl Methyl Ether (TAME)	32.4	5.0	ug/l	25.0	ND	130	60-140	3	30	
Methyl-tert-butyl Ether (MTBE)	32.6	5.0	ug/l	25.0	ND	130	55-145	6	25	
tert-Butanol (TBA)	171	50	ug/l	125	37	107	65-140	0	25	
Surrogate Dibromofluoromethane	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate Toluene-d8	*27.3*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B21023 Extracted: 02/21/07										
Blank Analyzed: 02/21/2007 (7B21023-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B21023 Extracted: 02/21/07										
Blank Analyzed: 02/21/2007 (7B21023-BLK1)										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B21023 Extracted: 02/21/07										
LCS Analyzed: 02/21/2007 (7B21023-BS1)										
Benzene	22.8	2.0	ug/l	25.0		91	70-120			
Bromobenzene	23.9	5.0	ug/l	25.0		96	75-120			
Bromochloromethane	23.9	5.0	ug/l	25.0		96	70-130			
Bromodichloromethane	24.1	2.0	ug/l	25.0		96	70-135			
Bromoform	21.5	5.0	ug/l	25.0		86	55-130			
Bromomethane	25.2	5.0	ug/l	25.0		101	65-140			
n-Butylbenzene	24.6	5.0	ug/l	25.0		98	70-130			
sec-Butylbenzene	24.3	5.0	ug/l	25.0		97	70-125			
tert-Butylbenzene	24.5	5.0	ug/l	25.0		98	70-125			
Carbon tetrachloride	25.0	5.0	ug/l	25.0		100	65-140			
Chlorobenzene	22.9	2.0	ug/l	25.0		92	75-120			
Chloroethane	24.6	5.0	ug/l	25.0		98	60-140			
Chloroform	23.1	2.0	ug/l	25.0		92	70-130			
Chloromethane	24.4	5.0	ug/l	25.0		98	50-140			
2-Chlorotoluene	24.0	5.0	ug/l	25.0		96	70-125			
4-Chlorotoluene	24.2	5.0	ug/l	25.0		97	75-125			
Dibromochloromethane	22.9	2.0	ug/l	25.0		92	70-140			
1,2-Dibromo-3-chloropropane	23.9	5.0	ug/l	25.0		96	50-135			
1,2-Dibromoethane (EDB)	24.9	2.0	ug/l	25.0		100	75-125			
Dibromomethane	24.0	2.0	ug/l	25.0		96	70-125			
1,2-Dichlorobenzene	24.0	2.0	ug/l	25.0		96	75-120			
1,3-Dichlorobenzene	23.6	2.0	ug/l	25.0		94	75-120			
1,4-Dichlorobenzene	23.3	2.0	ug/l	25.0		93	75-120			
Dichlorodifluoromethane	27.0	5.0	ug/l	25.0		108	35-155			
1,1-Dichloroethane	23.4	2.0	ug/l	25.0		94	70-125			
1,2-Dichloroethane	22.7	2.0	ug/l	25.0		91	60-140			
1,1-Dichloroethene	18.9	5.0	ug/l	25.0		76	70-125			
cis-1,2-Dichloroethene	24.7	2.0	ug/l	25.0		99	70-125			
trans-1,2-Dichloroethene	25.1	2.0	ug/l	25.0		100	70-125			
1,2-Dichloropropane	23.8	2.0	ug/l	25.0		95	70-125			
1,3-Dichloropropane	24.4	2.0	ug/l	25.0		98	70-120			
2,2-Dichloropropane	24.2	2.0	ug/l	25.0		97	65-140			
1,1-Dichloropropene	23.9	2.0	ug/l	25.0		96	75-130			
cis-1,3-Dichloropropene	22.9	2.0	ug/l	25.0		92	75-125			
trans-1,3-Dichloropropene	23.3	2.0	ug/l	25.0		93	70-125			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B21023 Extracted: 02/21/07										
LCS Analyzed: 02/21/2007 (7B21023-BS1)										
Ethylbenzene	24.4	2.0	ug/l	25.0		98	75-125			
Hexachlorobutadiene	22.1	5.0	ug/l	25.0		88	65-135			
Isopropylbenzene	27.9	2.0	ug/l	25.0		112	75-130			
p-Isopropyltoluene	24.5	2.0	ug/l	25.0		98	75-125			
Methylene chloride	24.2	5.0	ug/l	25.0		97	55-130			
Naphthalene	25.6	5.0	ug/l	25.0		102	55-135			
n-Propylbenzene	25.6	2.0	ug/l	25.0		102	75-130			
Styrene	25.3	2.0	ug/l	25.0		101	75-130			
1,1,1,2-Tetrachloroethane	25.7	5.0	ug/l	25.0		103	70-130			
1,1,2,2-Tetrachloroethane	24.4	2.0	ug/l	25.0		98	55-130			
Tetrachloroethene	23.2	2.0	ug/l	25.0		93	70-125			
Toluene	23.6	2.0	ug/l	25.0		94	70-120			
1,2,3-Trichlorobenzene	23.8	5.0	ug/l	25.0		95	65-125			
1,2,4-Trichlorobenzene	23.3	5.0	ug/l	25.0		93	70-135			
1,1,1-Trichloroethane	24.3	2.0	ug/l	25.0		97	65-135			
1,1,2-Trichloroethane	24.1	2.0	ug/l	25.0		96	70-125			
Trichloroethene	23.8	2.0	ug/l	25.0		95	70-125			
Trichlorofluoromethane	23.1	5.0	ug/l	25.0		92	65-145			
1,2,3-Trichloropropane	19.5	10	ug/l	25.0		78	60-130			
1,2,4-Trimethylbenzene	24.7	2.0	ug/l	25.0		99	75-125			
1,3,5-Trimethylbenzene	25.1	2.0	ug/l	25.0		100	75-125			
Vinyl chloride	25.2	5.0	ug/l	25.0		101	55-135			
o-Xylene	23.5	2.0	ug/l	25.0		94	75-125			
m,p-Xylenes	48.0	2.0	ug/l	50.0		96	75-125			
Xylenes, Total	71.5	4.0	ug/l	75.0		95	70-125			
Di-isopropyl Ether (DIPE)	24.6	5.0	ug/l	25.0		98	60-135			
Ethyl tert-Butyl Ether (ETBE)	24.0	5.0	ug/l	25.0		96	65-135			
tert-Amyl Methyl Ether (TAME)	24.3	5.0	ug/l	25.0		97	60-135			
Methyl-tert-butyl Ether (MTBE)	24.5	5.0	ug/l	25.0		98	60-135			
tert-Butanol (TBA)	95.5	50	ug/l	125		76	70-135			
Surrogate Dibromofluoromethane	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate Toluene-d8	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B21023 Extracted: 02/21/07										
Matrix Spike Analyzed: 02/21/2007 (7B21023-MS1)					**Source: IQB1770-06**					
Benzene	24.2	2.0	ug/l	25.0	0.40	95	65-125			
Bromobenzene	25.3	5.0	ug/l	25.0	ND	101	70-125			
Bromochloromethane	26.5	5.0	ug/l	25.0	ND	106	65-135			
Bromodichloromethane	26.4	2.0	ug/l	25.0	ND	106	70-135			
Bromoform	23.6	5.0	ug/l	25.0	ND	94	55-135			
Bromomethane	26.4	5.0	ug/l	25.0	ND	106	55-145			
n-Butylbenzene	24.9	5.0	ug/l	25.0	ND	100	65-135			
sec-Butylbenzene	24.5	5.0	ug/l	25.0	ND	98	70-125			
tert-Butylbenzene	24.8	5.0	ug/l	25.0	ND	99	65-130			
Carbon tetrachloride	25.2	5.0	ug/l	25.0	ND	101	65-140			
Chlorobenzene	24.0	2.0	ug/l	25.0	ND	96	75-125			
Chloroethane	25.9	5.0	ug/l	25.0	ND	104	55-140			
Chloroform	24.9	2.0	ug/l	25.0	ND	100	65-135			
Chloromethane	23.8	5.0	ug/l	25.0	ND	95	45-145			
2-Chlorotoluene	24.8	5.0	ug/l	25.0	ND	99	65-135			
4-Chlorotoluene	25.0	5.0	ug/l	25.0	ND	100	70-135			
Dibromochloromethane	25.1	2.0	ug/l	25.0	ND	100	65-140			
1,2-Dibromo-3-chloropropane	25.9	5.0	ug/l	25.0	ND	104	45-145			
1,2-Dibromoethane (EDB)	27.0	2.0	ug/l	25.0	ND	108	70-130			
Dibromomethane	26.4	2.0	ug/l	25.0	ND	106	65-135			
1,2-Dichlorobenzene	25.6	2.0	ug/l	25.0	ND	102	75-125			
1,3-Dichlorobenzene	25.0	2.0	ug/l	25.0	ND	100	75-125			
1,4-Dichlorobenzene	24.6	2.0	ug/l	25.0	ND	98	75-125			
Dichlorodifluoromethane	25.8	5.0	ug/l	25.0	ND	103	25-155			
1,1-Dichloroethane	25.0	2.0	ug/l	25.0	ND	100	65-130			
1,2-Dichloroethane	24.7	2.0	ug/l	25.0	ND	99	60-140			
1,1-Dichloroethene	19.0	5.0	ug/l	25.0	ND	76	60-130			
cis-1,2-Dichloroethene	26.2	2.0	ug/l	25.0	ND	105	65-130			
trans-1,2-Dichloroethene	26.0	2.0	ug/l	25.0	ND	104	65-130			
1,2-Dichloropropane	25.8	2.0	ug/l	25.0	ND	103	65-130			
1,3-Dichloropropane	26.5	2.0	ug/l	25.0	ND	106	65-135			
2,2-Dichloropropane	24.8	2.0	ug/l	25.0	ND	99	60-145			
1,1-Dichloropropene	24.2	2.0	ug/l	25.0	ND	97	70-135			
cis-1,3-Dichloropropene	25.1	2.0	ug/l	25.0	ND	100	70-130			
trans-1,3-Dichloropropene	25.8	2.0	ug/l	25.0	ND	103	65-135			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B21023 Extracted: 02/21/07										
Matrix Spike Analyzed: 02/21/2007 (7B21023-MS1)					**Source: IQB1770-06**					
Ethylbenzene	25.7	2.0	ug/l	25.0	0.90	99	65-130			
Hexachlorobutadiene	22.4	5.0	ug/l	25.0	ND	90	60-135			
Isopropylbenzene	28.0	2.0	ug/l	25.0	ND	112	70-135			
p-Isopropyltoluene	24.9	2.0	ug/l	25.0	ND	100	65-130			
Methylene chloride	24.6	5.0	ug/l	25.0	1.4	93	50-135			
Naphthalene	27.9	5.0	ug/l	25.0	ND	112	50-140			
n-Propylbenzene	25.9	2.0	ug/l	25.0	ND	104	70-135			
Styrene	17.8	2.0	ug/l	25.0	ND	71	50-145			
1,1,1,2-Tetrachloroethane	27.8	5.0	ug/l	25.0	ND	111	65-140			
1,1,2,2-Tetrachloroethane	27.7	2.0	ug/l	25.0	ND	111	55-135			
Tetrachloroethene	23.1	2.0	ug/l	25.0	ND	92	65-130			
Toluene	27.3	2.0	ug/l	25.0	2.8	98	70-125			
1,2,3-Trichlorobenzene	25.8	5.0	ug/l	25.0	ND	103	60-135			
1,2,4-Trichlorobenzene	25.4	5.0	ug/l	25.0	ND	102	65-135			
1,1,1-Trichloroethane	25.5	2.0	ug/l	25.0	ND	102	65-140			
1,1,2-Trichloroethane	27.1	2.0	ug/l	25.0	ND	108	65-130			
Trichloroethene	23.8	2.0	ug/l	25.0	ND	95	65-125			
Trichlorofluoromethane	23.5	5.0	ug/l	25.0	ND	94	60-145			
1,2,3-Trichloropropane	20.9	10	ug/l	25.0	ND	84	55-135			
1,2,4-Trimethylbenzene	26.9	2.0	ug/l	25.0	1.4	102	55-135			
1,3,5-Trimethylbenzene	26.0	2.0	ug/l	25.0	0.36	103	70-130			
Vinyl chloride	25.5	5.0	ug/l	25.0	ND	102	45-140			
o-Xylene	26.4	2.0	ug/l	25.0	1.4	100	65-125			
m,p-Xylenes	52.7	2.0	ug/l	50.0	3.4	99	65-130			
Xylenes, Total	79.0	4.0	ug/l	75.0	4.8	99	60-130			
Di-isopropyl Ether (DIPE)	28.0	5.0	ug/l	25.0	ND	112	60-140			
Ethyl tert-Butyl Ether (ETBE)	27.6	5.0	ug/l	25.0	ND	110	60-135			
tert-Amyl Methyl Ether (TAME)	28.3	5.0	ug/l	25.0	ND	113	60-140			
Methyl-tert-butyl Ether (MTBE)	28.2	5.0	ug/l	25.0	ND	113	55-145			
tert-Butanol (TBA)	134	50	ug/l	125	ND	107	65-140			
Surrogate Dibromofluoromethane	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate Toluene-d8	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B21023 Extracted: 02/21/07										
Matrix Spike Dup Analyzed: 02/21/2007 (7B21023-MSD1)					**Source: IQB1770-06**					
Benzene	24.9	2.0	ug/l	25.0	0.40	98	65-125	3	20	
Bromobenzene	26.3	5.0	ug/l	25.0	ND	105	70-125	4	20	
Bromochloromethane	28.0	5.0	ug/l	25.0	ND	112	65-135	6	25	
Bromodichloromethane	27.4	2.0	ug/l	25.0	ND	110	70-135	4	20	
Bromoform	24.9	5.0	ug/l	25.0	ND	100	55-135	5	25	
Bromomethane	27.1	5.0	ug/l	25.0	ND	108	55-145	3	25	
n-Butylbenzene	25.7	5.0	ug/l	25.0	ND	103	65-135	3	20	
sec-Butylbenzene	25.7	5.0	ug/l	25.0	ND	103	70-125	5	20	
tert-Butylbenzene	26.0	5.0	ug/l	25.0	ND	104	65-130	5	20	
Carbon tetrachloride	27.0	5.0	ug/l	25.0	ND	108	65-140	7	25	
Chlorobenzene	24.9	2.0	ug/l	25.0	ND	100	75-125	4	20	
Chloroethane	26.0	5.0	ug/l	25.0	ND	104	55-140	0	25	
Chloroform	26.0	2.0	ug/l	25.0	ND	104	65-135	4	20	
Chloromethane	24.7	5.0	ug/l	25.0	ND	99	45-145	4	25	
2-Chlorotoluene	25.8	5.0	ug/l	25.0	ND	103	65-135	4	20	
4-Chlorotoluene	26.2	5.0	ug/l	25.0	ND	105	70-135	5	20	
Dibromochloromethane	26.3	2.0	ug/l	25.0	ND	105	65-140	5	25	
1,2-Dibromo-3-chloropropane	28.5	5.0	ug/l	25.0	ND	114	45-145	10	30	
1,2-Dibromoethane (EDB)	28.4	2.0	ug/l	25.0	ND	114	70-130	5	25	
Dibromomethane	27.4	2.0	ug/l	25.0	ND	110	65-135	4	25	
1,2-Dichlorobenzene	26.4	2.0	ug/l	25.0	ND	106	75-125	3	20	
1,3-Dichlorobenzene	26.0	2.0	ug/l	25.0	ND	104	75-125	4	20	
1,4-Dichlorobenzene	25.5	2.0	ug/l	25.0	ND	102	75-125	4	20	
Dichlorodifluoromethane	26.3	5.0	ug/l	25.0	ND	105	25-155	2	30	
1,1-Dichloroethane	26.2	2.0	ug/l	25.0	ND	105	65-130	5	20	
1,2-Dichloroethane	25.6	2.0	ug/l	25.0	ND	102	60-140	4	20	
1,1-Dichloroethene	20.2	5.0	ug/l	25.0	ND	81	60-130	6	20	
cis-1,2-Dichloroethene	27.6	2.0	ug/l	25.0	ND	110	65-130	5	20	
trans-1,2-Dichloroethene	27.6	2.0	ug/l	25.0	ND	110	65-130	6	20	
1,2-Dichloropropane	26.6	2.0	ug/l	25.0	ND	106	65-130	3	20	
1,3-Dichloropropane	27.4	2.0	ug/l	25.0	ND	110	65-135	3	25	
2,2-Dichloropropane	26.0	2.0	ug/l	25.0	ND	104	60-145	5	25	
1,1-Dichloropropene	25.2	2.0	ug/l	25.0	ND	101	70-135	4	20	
cis-1,3-Dichloropropene	26.2	2.0	ug/l	25.0	ND	105	70-130	4	20	
trans-1,3-Dichloropropene	27.0	2.0	ug/l	25.0	ND	108	65-135	5	25	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B21023 Extracted: 02/21/07										
Matrix Spike Dup Analyzed: 02/21/2007 (7B21023-MSD1)					**Source: IQB1770-06**					
Ethylbenzene	26.8	2.0	ug/l	25.0	0.90	104	65-130	4	20	
Hexachlorobutadiene	22.2	5.0	ug/l	25.0	ND	89	60-135	1	20	
Isopropylbenzene	29.7	2.0	ug/l	25.0	ND	119	70-135	6	20	
p-Isopropyltoluene	25.8	2.0	ug/l	25.0	ND	103	65-130	4	20	
Methylene chloride	25.4	5.0	ug/l	25.0	1.4	96	50-135	3	20	
Naphthalene	29.6	5.0	ug/l	25.0	ND	118	50-140	6	30	
n-Propylbenzene	27.0	2.0	ug/l	25.0	ND	108	70-135	4	20	
Styrene	19.7	2.0	ug/l	25.0	ND	79	50-145	10	30	
1,1,1,2-Tetrachloroethane	28.8	5.0	ug/l	25.0	ND	115	65-140	4	20	
1,1,2,2-Tetrachloroethane	30.1	2.0	ug/l	25.0	ND	120	55-135	8	30	
Tetrachloroethene	23.9	2.0	ug/l	25.0	ND	96	65-130	3	20	
Toluene	28.0	2.0	ug/l	25.0	2.8	101	70-125	3	20	
1,2,3-Trichlorobenzene	26.1	5.0	ug/l	25.0	ND	104	60-135	1	20	
1,2,4-Trichlorobenzene	25.3	5.0	ug/l	25.0	ND	101	65-135	0	20	
1,1,1-Trichloroethane	27.3	2.0	ug/l	25.0	ND	109	65-140	7	20	
1,1,2-Trichloroethane	27.6	2.0	ug/l	25.0	ND	110	65-130	2	25	
Trichloroethene	25.0	2.0	ug/l	25.0	ND	100	65-125	5	20	
Trichlorofluoromethane	24.6	5.0	ug/l	25.0	ND	98	60-145	5	25	
1,2,3-Trichloropropane	22.5	10	ug/l	25.0	ND	90	55-135	7	30	
1,2,4-Trimethylbenzene	28.1	2.0	ug/l	25.0	1.4	107	55-135	4	25	
1,3,5-Trimethylbenzene	27.0	2.0	ug/l	25.0	0.36	107	70-130	4	20	
Vinyl chloride	26.8	5.0	ug/l	25.0	ND	107	45-140	5	30	
o-Xylene	27.1	2.0	ug/l	25.0	1.4	103	65-125	3	20	
m,p-Xylenes	54.1	2.0	ug/l	50.0	3.4	101	65-130	3	25	
Xylenes, Total	81.2	4.0	ug/l	75.0	4.8	102	60-130	3	20	
Di-isopropyl Ether (DIPE)	29.1	5.0	ug/l	25.0	ND	116	60-140	4	25	
Ethyl tert-Butyl Ether (ETBE)	29.2	5.0	ug/l	25.0	ND	117	60-135	6	25	
tert-Amyl Methyl Ether (TAME)	30.0	5.0	ug/l	25.0	ND	120	60-140	6	30	
Methyl-tert-butyl Ether (MTBE)	30.1	5.0	ug/l	25.0	ND	120	55-145	7	25	
tert-Butanol (TBA)	139	50	ug/l	125	ND	111	65-140	4	25	
Surrogate Dibromofluoromethane	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B23013 Extracted: 02/23/07										
Blank Analyzed: 02/23/2007 (7B23013-BLK1)										
Isopropylbenzene	ND	2.0	ug/l							
Surrogate Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate 4-Bromofluorobenzene	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			
LCS Analyzed: 02/23/2007 (7B23013-BS1)										
Isopropylbenzene	25.0	2.0	ug/l	25.0		100	75-130			
Surrogate Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate Toluene-d8	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate 4-Bromofluorobenzene	*27.6*		*ug/l*	*25.0*		*110*	*80-120*			
Matrix Spike Analyzed: 02/23/2007 (7B23013-MS1)					**Source: IQB1082-02RE1**					
Isopropylbenzene	27.4	2.0	ug/l	25.0	4.8	90	70-135			
Surrogate Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate Toluene-d8	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate 4-Bromofluorobenzene	*29.1*		*ug/l*	*25.0*		*116*	*80-120*			
Matrix Spike Dup Analyzed: 02/23/2007 (7B23013-MSD1)					**Source: IQB1082-02RE1**					
Isopropylbenzene	28.7	2.0	ug/l	25.0	4.8	96	70-135	5	20	
Surrogate Dibromofluoromethane	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate Toluene-d8	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate 4-Bromofluorobenzene	*28.2*		*ug/l*	*25.0*		*113*	*80-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14123 Extracted: 02/14/07										
Blank Analyzed: 02/16/2007 (7B14123-BLK1)										
1,4-Dioxane	ND	0.50	ug/l							
Surrogate 1,4-Dioxane-d8	*1.00*		*ug/l*	*2.00*		*50*	*30-120*			
LCS Analyzed: 02/16/2007 (7B14123-BS1)										**MNR1**
1,4-Dioxane	1.36	0.50	ug/l	2.00		68	35-120			
Surrogate 1,4-Dioxane-d8	*1.26*		*ug/l*	*2.00*		*63*	*30-120*			
LCS Dup Analyzed: 02/16/2007 (7B14123-BSD1)										
1,4-Dioxane	1.48	0.50	ug/l	2.00		74	35-120	8	25	
Surrogate 1,4-Dioxane-d8	*1.29*		*ug/l*	*2.00*		*64*	*30-120*			

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B14123 Extracted: 02/14/07										
Blank Analyzed: 02/15/2007 (7B14123-BLK1)										
N-Nitrosodimethylamine	ND	0.0020	ug/l							
LCS Analyzed: 02/15/2007 (7B14123-BS1)										**MNR1**
N-Nitrosodimethylamine	0.00863	0.0020	ug/l	0.0100		86	60-140			
LCS Analyzed: 02/15/2007 (7B14123-BS2)										
N-Nitrosodimethylamine	0.00234	0.0020	ug/l	0.00200		117	60-140			
LCS Dup Analyzed: 02/15/2007 (7B14123-BSD1)										
N-Nitrosodimethylamine	0.00861	0.0020	ug/l	0.0100		86	60-140	0	30	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B12099 Extracted: 02/12/07										
Blank Analyzed: 02/12/2007 (7B12099-BLK1)										
Chromium VI	ND	0.0020	mg/l							
LCS Analyzed: 02/12/2007 (7B12099-BS1)										
Chromium VI	0.0500	0.0020	mg/l	0.0500		100	90-110			
Matrix Spike Analyzed: 02/13/2007 (7B12099-MS1)					**Source: IQB1098-02**					
Chromium VI	0.0530	0.0020	mg/l	0.0500	ND	106	80-115			
Matrix Spike Dup Analyzed: 02/13/2007 (7B12099-MSD1)					**Source: IQB1098-02**					
Chromium VI	0.0536	0.0020	mg/l	0.0500	ND	107	80-115	1	15	
Batch: 7B17047 Extracted: 02/17/07										
Blank Analyzed: 02/18/2007 (7B17047-BLK1)										
Perchlorate	ND	4.0	ug/l							
LCS Analyzed: 02/18/2007 (7B17047-BS1)										
Perchlorate	52.7	4.0	ug/l	50.0		105	85-115			
Matrix Spike Analyzed: 02/18/2007 (7B17047-MS1)					**Source: IQB1145-02**					
Perchlorate	48.8	4.0	ug/l	50.0	ND	98	80-120			
Matrix Spike Dup Analyzed: 02/18/2007 (7B17047-MSD1)					**Source: IQB1145-02**					
Perchlorate	48.1	4.0	ug/l	50.0	ND	96	80-120	1	20	
Batch: 7B20115 Extracted: 02/20/07										
Blank Analyzed: 02/20/2007 (7B20115-BLK1)										
Perchlorate	ND	4.0	ug/l							

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7B20115 Extracted: 02/20/07										
LCS Analyzed: 02/20/2007 (7B20115-BS1)										
Perchlorate	45.3	4.0	ug/l	50.0		91	85-115			
Matrix Spike Analyzed: 02/20/2007 (7B20115-MS1)					**Source: IQB0971-01**					
Perchlorate	45.1	4.0	ug/l	50.0	ND	90	80-120			
Matrix Spike Dup Analyzed: 02/20/2007 (7B20115-MSD1)					**Source: IQB0971-01**					
Perchlorate	47.8	4.0	ug/l	50.0	ND	96	80-120	6	20	

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee 2600 Michelson Drive, Suite 830 Irvine, CA 92612 Attention: Maher Zein	Project ID: Former Cenco Refinery - 2006 54205.001 Report Number: IQB1082	Sampled: 02/12/07 Received: 02/12/07

DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
QP	Hydrocarbon result partly due to individual peak(s) in quantitation range.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For GRO (C4-C12):

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

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

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

Blasland, Bouck & Lee
2600 Michelson Drive, Suite 830
Irvine, CA 92612
Attention: Maher Zein

Project ID: Former Cenco Refinery - 2006
54205.001
Report Number: IQB1082

Sampled: 02/12/07
Received: 02/12/07

Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1625C-CI Mod	Water		
EPA 314.0	Water	N/A	X
EPA 7199	Water	X	X
EPA 8015B	Water	X	X
EPA 8260B	Water	X	X
EPA 8270C	Water	X	X

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

TestAmerica - Irvine, CA
Sushmitha Reddy
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica
ANALYTICAL TESTING CORPORATION

1014 E. Cooley Dr. Suite A Colton, CA 92324 (909) 370-4687 FAX (909) 370-1046
3800 South 31st St. Suite B 12D Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3628

CHAIN OF CUSTODY FORM

QB1082

Page of

Client Name/Address: [illegible]

Project/PO Number: [illegible]

Project Manager: [illegible]

Phone Number: 474 [illegible]

Sampler: Matt [illegible]

Fax Number: 474 [illegible]

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				Special Instructions
MW-501A-0207	Liquid	Various	10	2/12/07	13:10	HCL/ICED	X	X	X	X	X	X				
MW-101-0207			10		14:25		X	X	X	X	X	X				
TB-021207		VOAs	3		8:00	HCL			X							

Relinquished By:	Date/Time:	Received By:	Date/Time:
Matt [illegible]	2/12/07 15:40		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received in Lab By: [illegible]	Date/Time: 2/12/07 15:40

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

Sample Integrity: (Check)
intact X on ice X 5.5/5.0

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

HE 2-12-07
1600

ARCADIS BBL

Appendix D

Historical Groundwater Analytical Results

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-101	6/1/1988	--	88.66	ND	0	46.32	134.98
	9/1/1988	--	89.29	ND	0	45.69	134.98
	12/1/1988	--	90.10	ND	0	44.88	134.98
	3/1/1989	--	90.28	ND	0	44.70	134.98
	12/1/1989	--	90.29	ND	0	44.69	134.98
	3/1/1991	--	91.09	ND	0	43.89	134.98
	6/1/1991	--	90.24	ND	0	44.74	134.98
	12/1/1991	--	90.40	ND	0	44.83	135.23
	3/1/1992	--	89.87	ND	0	45.36	135.23
	6/1/1992	--	88.47	ND	0	46.76	135.23
	9/1/1992	--	88.60	ND	0	46.63	135.23
	12/1/1992	--	88.69	ND	0	46.54	135.23
	3/1/1993	--	87.35	ND	0	47.88	135.23
	9/1/1993	--	82.34	82.33	0.01	52.90	135.23
	11/1/1993	--	80.83	80.82	0.01	54.41	135.23
	3/1/1994	--	78.10	78.08	0.02	57.15	135.23
	6/1/1994	--	76.38	76.37	0.01	58.86	135.23
	9/1/1994	--	76.64	76.63	0.01	58.60	135.23
	12/1/1994	--	77.57	ND	0	57.66	135.23
	3/1/1995	--	77.46	ND	0	57.77	135.23
	9/1/1995	--	74.75	ND	0	60.48	135.23
	12/1/1995	--	75.15	ND	0	60.08	135.23
	7/1/1996	--	74.55	ND	0	60.68	135.23
	12/1/1996	--	75.61	ND	0	59.62	135.23
	1/1/1998	--	74.72	ND	0	60.51	135.23
	8/1/1998	--	73.45	ND	0	61.78	135.23
	1/1/1999	--	74.03	ND	0	61.20	135.23
	7/1/1999	--	75.53	ND	0	59.70	135.23
	1/1/2000	--	79.40	ND	0	55.83	135.23
	7/1/2000	--	81.20	ND	0	54.03	135.23
	2/1/2001	--	82.09	ND	0	53.14	135.23
	7/1/2001	--	81.60	ND	0	53.63	135.23
	5/1/2002	--	83.10	ND	0	52.13	135.23
	9/1/2002	--	85.49	ND	0	49.74	135.23
	6/28/2004	94.40	Dry	ND	0	Dry	135.23
MW-103	6/1/1988	--	93.36	ND	0	43.59	136.95
	9/1/1988	--	93.82	ND	0	43.13	136.95
	12/1/1988	--	94.76	ND	0	42.19	136.95
	3/1/1989	--	95.68	ND	0	41.27	136.95
	6/1/1989	--	95.92	ND	0	41.03	136.95
	9/1/1989	--	96.20	ND	0	40.75	136.95
	12/1/1989	--	96.90	ND	0	40.05	136.95
	3/1/1991	--	96.51	ND	0	40.44	136.95
	6/1/1991	--	96.08	ND	0	40.87	136.95
	9/1/1991	--	95.92	ND	0	41.03	136.95
	12/1/1991	--	95.91	ND	0	41.04	136.95
	3/1/1992	--	95.06	ND	0	41.89	136.95
	6/1/1992	--	93.90	ND	0	43.05	136.95

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-103	9/1/1992	--	93.73	ND	0	43.22	136.95
	12/1/1992	--	93.99	ND	0	42.96	136.95
	3/1/1993	--	93.15	ND	0	43.80	136.95
	5/1/1993	--	90.90	ND	0	46.05	136.95
	9/1/1993	--	88.67	ND	0	48.28	136.95
	11/1/1993	--	87.24	ND	0	49.71	136.95
	3/1/1994	--	84.86	84.85	0.01	52.10	136.95
	6/1/1994	--	83.15	83.14	0.01	53.81	136.95
	9/1/1994	--	82.70	82.69	0.01	54.26	136.95
	12/1/1994	--	83.17	ND	0	53.78	136.95
	3/1/1995	--	82.65	ND	0	54.30	136.95
	9/1/1995	--	81.03	ND	0	55.92	136.95
	12/1/1995	--	81.21	ND	0	55.74	136.95
	7/1/1996	--	80.41	ND	0	56.54	136.95
	12/1/1996	--	81.24	ND	0	55.71	136.95
	1/1/1998	--	80.55	ND	0	56.40	136.95
	8/1/1998	--	79.51	ND	0	57.44	136.95
	1/1/1999	--	79.88	ND	0	57.07	136.95
	7/1/1999	--	80.74	ND	0	56.21	136.95
	1/1/2000	--	83.70	ND	0	53.25	136.95
	7/1/2000	--	85.80	ND	0	51.15	136.95
	2/1/2001	--	87.01	ND	0	49.94	136.95
	7/1/2001	--	86.55	ND	0	50.40	136.95
	5/1/2002	--	87.88	ND	0	49.07	136.95
	9/1/2002	--	89.31	ND	0	47.64	136.95
	6/28/2004	99.00	94.34	94.32	0.02	40.91	135.23
MW-104 Abandoned	6/1/1988	--	87.95	ND	0	53.11	141.06
	9/1/1988	--	88.25	ND	0	52.81	141.06
	12/1/1988	--	88.67	ND	0	52.39	141.06
	3/1/1989	--	89.15	ND	0	51.91	141.06
	6/1/1989	--	89.57	ND	0	51.49	141.06
	9/1/1989	--	89.90	ND	0	51.16	141.06
	12/1/1989	--	90.17	ND	0	50.89	141.06
	3/1/1990	--	90.62	ND	0	50.44	141.06
	6/1/1990	--	90.82	ND	0	50.24	141.06
	9/1/1990	--	90.96	ND	0	50.10	141.06
	12/1/1990	--	91.13	ND	0	49.93	141.06
	3/1/1991	--	91.12	ND	0	49.94	141.06
	6/1/1991	--	91.02	ND	0	50.04	141.06
	9/1/1991	--	90.76	ND	0	50.30	141.06
	12/1/1991	--	90.63	ND	0	50.43	141.06
	3/1/1992	--	90.45	ND	0	50.61	141.06
	6/1/1992	--	89.90	ND	0	51.16	141.06
	9/1/1992	--	89.33	ND	0	51.73	141.06
	12/1/1992	--	89.10	ND	0	51.96	141.06
	3/1/1993	--	88.71	ND	0	52.35	141.06
	5/1/1993	--	87.55	ND	0	53.51	141.06
	9/1/1993	--	86.15	ND	0	54.91	141.06

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-104 Abandoned	11/1/1993	--	84.05	ND	0	57.01	141.06
	3/1/1994	--	82.33	ND	0	58.73	141.06
	6/1/1994	--	80.55	ND	0	60.51	141.06
	9/1/1994	--	79.37	79.36	0.01	61.70	141.06
	12/1/1994	--	79.50	ND	0	61.56	141.06
	3/1/1995	--	79.32	ND	0	61.74	141.06
	9/1/1995	--	77.26	ND	0	63.80	141.06
	12/1/1995	--	77.21	ND	0	63.85	141.06
	7/1/1996	--	76.75	ND	0	64.31	141.06
	12/1/1996	--	77.38	ND	0	63.68	141.06
	1/1/1998	--	75.58	ND	0	65.48	141.06
	8/1/1998	--	75.58	ND	0	65.48	141.06
	1/1/1999	--	75.91	ND	0	65.15	141.06
MW-104A	7/1/1999	--	76.32	ND	0	64.84	141.16
	1/1/2000	--	78.86	ND	0	62.30	141.16
	7/1/2000	--	81.50	ND	0	59.66	141.16
	2/1/2001	--	82.89	ND	0	58.27	141.16
	7/1/2001	--	82.38	ND	0	58.78	141.16
	5/1/2002	--	83.64	ND	0	57.52	141.16
	9/1/2002	--	84.33	ND	0	56.83	141.16
	6/28/2004	100.00	88.16	ND	0	53.00	141.16
MW-105	7/1/1996	--	73.85	ND	0	64.78	138.63
	12/1/1996	--	75.12	ND	0	63.51	138.63
	1/1/1998	--	74.12	ND	0	64.51	138.63
	8/1/1998	--	72.66	ND	0	65.97	138.63
	1/1/1999	--	73.15	ND	0	65.48	138.63
	7/1/1999	--	74.95	ND	0	63.68	138.63
	1/1/2000	--	78.91	ND	0	59.72	138.63
	7/1/2000	--	80.72	ND	0	57.91	138.63
	2/1/2001	--	81.68	ND	0	56.95	138.63
	7/1/2001	--	80.95	ND	0	57.68	138.63
	5/1/2002	--	82.59	ND	0	56.04	138.63
	9/1/2002	--	84.92	ND	0	53.71	138.63
	6/28/2004	100.00	90.69	ND	0	47.94	138.63
MW-106	7/1/1996	--	81.86	ND	0	66.55	148.41
	12/1/1996	--	82.05	ND	0	66.36	148.41
	1/1/1998	--	81.29	ND	0	67.12	148.41
	8/1/1998	--	80.47	ND	0	67.94	148.41
	1/1/1999	--	80.48	ND	0	67.93	148.41
	7/1/1999	--	80.92	ND	0	67.49	148.41
	1/1/2000	--	82.65	ND	0	65.76	148.41

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-106A	7/1/2000	--	85.18	ND	0	63.23	148.41
	2/1/2001	--	86.68	ND	0	61.73	148.41
	7/1/2001	--	86.89	ND	0	61.52	148.41
	5/1/2002	--	88.19	ND	0	60.22	148.41
	9/1/2002	--	88.86	ND	0	59.55	148.41
	6/28/2004	106.00	93.21	ND	0	55.20	148.41
MW-107A	7/1/1996	--	89.92	ND	0	59.01	148.93
	12/1/1996	--	89.85	ND	0	59.08	148.93
	1/1/1998	--	88.99	ND	0	59.94	148.93
	8/1/1998	--	88.05	ND	0	60.88	148.93
	1/1/1999	--	88.14	ND	0	60.79	148.93
	7/1/1999	--	88.45	ND	0	60.48	148.93
	1/1/2000	--	90.00	ND	0	58.93	148.93
	7/1/2000	--	91.90	ND	0	57.03	148.93
	2/1/2001	--	93.51	ND	0	55.42	148.93
	7/1/2001	--	93.92	ND	0	55.01	148.93
	5/1/2002	--	95.2	ND	0	53.73	148.93
	9/1/2002	--	95.92	ND	0	53.01	148.93
	6/28/2004	108.00	99.23	ND	0	49.70	148.93
MW-201	6/1/1988	--	90.05	ND	0	42.86	132.91
	9/1/1988	--	90.77	ND	0	42.14	132.91
	12/1/1988	--	92.24	ND	0	40.67	132.91
	3/1/1989	--	92.84	ND	0	40.07	132.91
	6/1/1989	--	93.00	ND	0	39.91	132.91
	9/1/1989	--	93.60	ND	0	39.31	132.91
	12/1/1989	--	94.51	ND	0	38.40	132.91
	3/1/1990	--	94.91	ND	0	38.00	132.91
	6/1/1990	--	94.48	ND	0	38.43	132.91
	9/1/1990	--	94.85	ND	0	38.06	132.91
	12/1/1990	--	95.43	ND	0	37.48	132.91
	3/1/1991	--	93.88	ND	0	39.03	132.91
	6/1/1991	--	93.05	ND	0	39.86	132.91
	9/1/1991	--	93.57	ND	0	39.34	132.91
	12/1/1991	--	92.90	ND	0	40.01	132.91
	3/1/1992	--	91.30	ND	0	41.61	132.91
	6/1/1992	--	90.10	ND	0	42.81	132.91
	9/1/1992	--	90.40	ND	0	42.51	132.91
	12/1/1992	--	90.29	ND	0	42.62	132.91
	3/1/1993	--	88.84	ND	0	44.07	132.91
	5/1/1993	--	86.33	ND	0	46.58	132.91
	9/1/1993	--	84.47	84.45	0.02	48.46	132.91
	12/1/1993	--	82.75	82.74	0.01	50.17	132.91
	3/1/1994	--	79.76	79.75	0.01	53.16	132.91
	6/1/1994	--	78.06	78.05	0.01	54.86	132.91
	9/1/1994	--	78.46	78.45	0.01	54.46	132.91
	12/1/1994	--	79.10	ND	0	53.81	132.91
	3/1/1995	--	77.87	ND	0	55.04	132.91

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-201	9/1/1995	--	76.53	ND	0	56.38	132.91
	12/1/1995	--	76.79	ND	0	56.12	132.91
	7/1/1996	--	76.00	ND	0	56.91	132.91
	12/1/1996	--	76.93	ND	0	55.98	132.91
	1/1/1998	--	76.02	ND	0	56.89	132.91
	8/1/1998	--	75.01	ND	0	57.90	132.91
	1/1/1999	--	75.36	ND	0	57.55	132.91
	7/1/1999	--	76.88	ND	0	56.03	132.91
	1/1/2000	--	79.50	ND	0	53.41	132.91
	7/1/2000	--	82.44	ND	0	50.47	132.91
	2/1/2001	--	83.32	ND	0	49.59	132.91
	7/1/2001	--	83.00	ND	0	49.91	132.91
	5/1/2002	--	84.45	ND	0	48.46	132.91
	9/1/2002	--	86.96	ND	0	45.95	132.91
	6/28/2004	103.00	92.13	ND	0	40.78	132.91
MW-202	6/1/1988	--	Dry	ND	0	NA	137.89
	9/1/1988	--	Dry	ND	0	NA	137.89
	12/1/1988	--	Dry	ND	0	NA	137.89
	3/1/1989	--	Dry	ND	0	NA	137.89
	6/1/1989	--	Dry	ND	0	NA	137.89
	9/1/1989	--	Dry	ND	0	NA	137.89
	12/1/1989	--	Dry	ND	0	NA	137.89
	3/1/1990	--	Dry	ND	0	NA	137.89
	9/1/1990	--	Dry	ND	0	NA	137.89
	12/1/1990	--	Dry	ND	0	NA	137.89
	3/1/1991	--	Dry	ND	0	NA	137.89
	6/1/1991	--	Dry	ND	0	NA	137.89
	9/1/1991	--	Dry	ND	0	NA	137.89
	12/1/1991	--	Dry	ND	0	NA	137.89
	3/1/1992	--	Dry	ND	0	NA	137.89
	6/1/1992	--	Dry	ND	0	NA	137.89
	9/1/1992	--	Dry	ND	0	NA	137.89
	12/1/1992	--	Dry	ND	0	NA	137.89
	3/1/1993	--	Dry	ND	0	NA	137.89
	5/1/1993	--	Dry	ND	0	NA	137.89
	9/1/1993	--	89.36	89.35	0.01	48.54	137.89
	11/1/1993	--	87.85	ND	0	50.04	137.89
	3/1/1994	--	85.36	85.35	0.01	52.54	137.89
	6/1/1994	--	83.53	83.52	0.01	54.37	137.89
	9/1/1994	--	83.32	83.31	0.01	54.58	137.89
	12/1/1994	--	83.88	83.87	0.01	54.02	137.89
	3/1/1995	--	83.10	ND	0	54.79	137.89
	9/1/1995	--	81.44	ND	0	56.45	137.89
	12/1/1995	--	81.71	ND	0	56.18	137.89
	7/1/1996	--	80.90	ND	0	56.99	137.89
	12/1/1996	--	81.78	ND	0	56.11	137.89
	1/1/1998	--	81.00	ND	0	56.89	137.89
	8/1/1998	--	79.93	ND	0	57.96	137.89

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-202	1/1/1999	--	83.35	ND	0	54.54	137.89
	7/1/1999	--	81.37	ND	0	56.52	137.89
	1/1/2000	--	84.70	ND	0	53.19	137.89
	7/1/2000	--	86.78	ND	0	51.11	137.89
	2/1/2001	--	87.86	ND	0	50.03	137.89
	7/1/2001	--	87.49	ND	0	50.40	137.89
	5/1/2002	--	88.88	ND	0	49.01	137.89
	9/1/2002	--	90.59	ND	0	47.30	137.89
	6/28/2004	105.00	Dry	ND	0	Dry	137.89
MW-203	6/1/1988	--	95.98	ND	0	47.91	143.89
	9/1/1988	--	96.30	ND	0	47.59	143.89
	12/1/1988	--	96.76	ND	0	47.13	143.89
	3/1/1989	--	97.15	ND	0	46.74	143.89
	6/1/1989	--	97.50	ND	0	46.39	143.89
	9/1/1989	--	97.85	ND	0	46.04	143.89
	12/1/1989	--	98.19	ND	0	45.70	143.89
	3/1/1990	--	98.72	ND	0	45.17	143.89
	9/1/1990	--	99.09	ND	0	44.80	143.89
	12/1/1990	--	99.55	ND	0	44.34	143.89
	3/1/1991	--	99.23	ND	0	44.66	143.89
	6/1/1991	--	99.19	ND	0	44.70	143.89
	9/1/1991	--	98.93	ND	0	44.96	143.89
	12/1/1991	--	98.84	ND	0	45.05	143.89
	3/1/1992	--	98.39	ND	0	45.50	143.89
	6/1/1992	--	97.76	ND	0	46.13	143.89
	9/1/1992	--	97.47	ND	0	46.42	143.89
	12/1/1992	--	97.50	ND	0	46.39	143.89
	3/1/1993	--	97.13	ND	0	46.76	143.89
	5/1/1993	--	96.14	ND	0	47.75	143.89
	9/1/1993	--	95.81	ND	0	48.08	143.89
	11/1/1993	--	93.84	93.83	0.01	50.06	143.89
	3/1/1994	--	92.27	92.25	0.02	51.64	143.89
	6/1/1994	--	90.68	90.67	0.01	53.22	143.89
	9/1/1994	--	89.61	89.60	0.01	54.29	143.89
	12/1/1994	--	89.41	ND	0	54.48	143.89
	3/1/1995	--	89.03	ND	0	54.86	143.89
	9/1/1995	--	87.47	ND	0	56.42	143.89
	12/1/1995	--	87.38	ND	0	56.51	143.89
	7/1/1996	--	86.53	ND	0	57.36	143.89
	12/1/1996	--	87.03	ND	0	56.86	143.89
	1/1/1998	--	86.39	ND	0	57.50	143.89
	8/1/1998	--	85.38	ND	0	58.51	143.89
	1/1/1999	--	85.72	ND	0	58.17	143.89
	7/1/1999	--	86.30	ND	0	57.59	143.89
	1/1/2000	--	88.54	ND	0	55.35	143.89
	7/1/2000	--	90.60	ND	0	53.29	143.89
	2/1/2001	--	91.81	ND	0	52.08	143.89
	7/1/2001	--	91.76	ND	0	52.13	143.89

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-203	5/1/2002	--	92.96	ND	0	50.93	143.89
	9/1/2002	--	93.62	ND	0	50.27	143.89
	6/28/2004	107.00	96.93	ND	0	46.96	143.89
MW-204*	6/1/1988	--	94.95	ND	0	45.19	140.14
	9/1/1988	--	95.43	ND	0	44.71	140.14
	12/1/1988	--	96.57	ND	0	43.57	140.14
	3/1/1989	--	97.53	ND	0	42.61	140.14
	6/1/1989	--	97.68	ND	0	42.46	140.14
	9/1/1989	--	98.00	ND	0	42.14	140.14
	12/1/1989	--	98.70	ND	0	41.44	140.14
	3/1/1990	--	99.19	ND	0	40.95	140.14
	6/1/1990	--	98.95	ND	0	41.19	140.14
	9/1/1990	--	99.08	ND	0	41.06	140.14
	12/1/1990	--	99.50	ND	0	40.64	140.14
	3/1/1991	--	98.61	ND	0	41.53	140.14
	6/1/1991	--	97.85	ND	0	42.29	140.14
	9/1/1991	--	97.59	ND	0	42.55	140.14
	12/1/1991	--	97.50	ND	0	42.64	140.14
	3/1/1992	--	96.45	ND	0	43.69	140.14
	6/1/1992	--	95.07	ND	0	45.07	140.14
	9/1/1992	--	94.91	ND	0	45.23	140.14
	12/1/1992	--	95.08	ND	0	45.06	140.14
	3/1/1993	--	94.03	ND	0	46.11	140.14
	5/1/1993	--	91.83	ND	0	48.31	140.14
	9/1/1993	--	89.56	89.55	0.01	50.59	140.14
	11/1/1993	--	88.10	88.09	0.01	52.05	140.14
	3/1/1994	--	85.90	85.89	0.01	54.25	140.14
	6/1/1994	--	84.09	ND	0	56.05	140.14
	9/1/1994	--	83.71	83.70	0.01	56.44	140.14
	12/1/1994	--	84.31	ND	0	55.83	140.14
	3/1/1995	--	83.76	ND	0	56.38	140.14
	9/1/1995	--	81.98	ND	0	58.16	140.14
	12/1/1995	--	82.23	ND	0	57.91	140.14
	7/1/1996	--	81.50	ND	0	58.64	140.14
	12/1/1996	--	82.42	ND	0	57.72	140.14
	1/1/1998	--	81.69	ND	0	58.45	140.14
	8/1/1998	--	80.57	ND	0	59.57	140.14
	1/1/1999	--	80.95	ND	0	59.19	140.14
	7/1/1999	--	81.93	ND	0	58.21	140.14
	1/1/2000	--	84.80	ND	0	55.34	140.14
	7/1/2000	--	87.17	ND	0	52.97	140.14
	2/1/2001	--	88.29	ND	0	51.85	140.14
	7/1/2001	--	87.93	ND	0	52.21	140.14
	5/1/2002	--	89.28	ND	0	50.86	140.14
	9/1/2002	--	90.80	ND	0	49.34	140.14
	6/28/2004	99.50	96.39	ND	0	43.75	140.14

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-205	6/1/1988	--	90.15	ND	0	48.02	138.17
	9/1/1988	--	90.67	ND	0	47.50	138.17
	12/1/1988	--	91.92	ND	0	46.25	138.17
	3/1/1989	--	92.88	ND	0	45.29	138.17
	6/1/1989	--	92.80	ND	0	45.37	138.17
	9/1/1989	--	93.20	ND	0	44.97	138.17
	12/1/1989	--	94.05	ND	0	44.12	138.17
	3/1/1990	--	94.20	ND	0	43.97	138.17
	6/1/1990	--	94.12	ND	0	44.05	138.17
	9/1/1990	--	93.85	ND	0	44.32	138.17
	12/1/1990	--	94.80	ND	0	43.37	138.17
	3/1/1991	--	93.49	ND	0	44.68	138.17
	6/1/1991	--	92.64	ND	0	45.53	138.17
	9/1/1991	--	92.45	ND	0	45.72	138.17
	12/1/1991	--	92.65	ND	0	45.39	138.04
	3/1/1992	--	90.92	ND	0	47.12	138.04
	6/1/1992	--	89.59	ND	0	48.45	138.04
	9/1/1992	--	89.61	ND	0	48.43	138.04
	12/1/1992	--	89.65	ND	0	48.39	138.04
	3/1/1993	--	88.60	ND	0	49.44	138.04
	5/1/1993	--	85.92	ND	0	52.12	138.04
	9/1/1993	--	83.56	83.55	0.01	54.49	138.04
	11/1/1993	--	82.00	ND	0	56.04	138.04
	3/1/1994	--	79.55	79.54	0.01	58.50	138.04
	6/1/1994	--	77.75	77.74	0.01	60.30	138.04
	9/1/1994	--	77.80	77.79	0.01	60.25	138.04
	12/1/1994	--	78.76	ND	0	59.28	138.04
	3/1/1995	--	77.80	ND	0	60.24	138.04
	9/1/1995	--	75.91	ND	0	62.13	138.04
	12/1/1995	--	76.28	ND	0	61.76	138.04
	7/1/1996	--	75.74	ND	0	62.30	138.04
	12/1/1996	--	76.09	ND	0	61.95	138.04
	1/1/1998	--	75.26	ND	0	62.78	138.04
	8/1/1998	--	73.96	ND	0	64.08	138.04
	1/1/1999	--	74.59	ND	0	63.45	138.04
	7/1/1999	--	75.95	ND	0	62.09	138.04
	1/1/2000	--	79.45	ND	0	58.59	138.04
	7/1/2000	--	81.60	ND	0	56.44	138.04
	2/1/2001	--	82.57	ND	0	55.47	138.04
	7/1/2001	--	82.01	ND	0	56.03	138.04
	5/1/2002	--	83.52	ND	0	54.52	138.04
	9/1/2002	--	85.68	ND	0	52.36	138.04
	6/28/2004	103.00	91.31	ND	0	46.73	138.04
MW-206 Abandoned	6/1/1988	--	92.37	ND	0	37.56	129.93
	9/1/1988	--	93.37	ND	0	36.56	129.93
	12/1/1988	--	94.93	ND	0	35.00	129.93
	3/1/1989	--	95.20	ND	0	34.73	129.93
	6/1/1989	--	95.55	ND	0	34.38	129.93

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-206 Abandoned	9/1/1989	--	96.88	ND	0	33.05	129.93
	12/1/1989	--	94.75	ND	0	35.18	129.93
	3/1/1990	--	97.75	ND	0	32.18	129.93
	6/1/1990	--	97.48	ND	0	32.45	129.93
	9/1/1990	--	98.02	ND	0	31.91	129.93
	12/1/1990	--	98.64	ND	0	31.29	129.93
	3/1/1991	--	96.92	ND	0	33.01	129.93
	6/1/1991	--	96.11	ND	0	33.82	129.93
	9/1/1991	--	96.41	ND	0	33.52	129.93
	12/1/1991	--	96.12	ND	0	33.81	129.93
	3/1/1992	--	94.32	ND	0	35.61	129.93
	6/1/1992	--	93.45	ND	0	36.48	129.93
	9/1/1992	--	93.97	ND	0	35.96	129.93
	12/1/1992	--	93.50	ND	0	36.43	129.93
	3/1/1993	--	91.91	ND	0	38.02	129.93
	5/1/1993	--	89.60	ND	0	40.33	129.93
	9/1/1993	--	87.91	87.90	0.01	42.03	129.93
	12/1/1993	--	86.43	86.41	0.02	43.52	129.93
	3/1/1994	--	82.89	82.88	0.01	47.05	129.93
	6/1/1994	--	81.30	81.29	0.01	48.64	129.93
	9/1/1994	--	81.81	81.80	0.01	48.13	129.93
	12/1/1994	--	82.00	ND	0	47.93	129.93
	3/1/1995	--	80.33	ND	0	49.60	129.93
	9/1/1995	--	79.68	ND	0	50.25	129.93
	12/1/1995	--	79.65	ND	0	50.28	129.93
	7/1/1996	--	78.57	ND	0	51.36	129.93
	12/1/1996	--	79.40	ND	0	50.53	129.93
	1/1/1998	--	78.40	ND	0	51.53	129.93
	8/1/1998	--	--	--	--	--	Well Damaged
	1/1/1999	--	--	--	--	--	Well Destroyed
MW-501 Abandoned	6/1/1988	--	92.46	91.16	1.3	37.28	128.70
	9/1/1988	--	94.39	93.03	1.36	35.40	128.70
	12/1/1988	--	94.41	93.71	0.7	34.85	128.70
	3/1/1989	--	94.81	94.06	0.75	34.49	128.70
	6/1/1989	--	94.62	93.81	0.81	34.73	128.70
	9/1/1989	--	96.17	95.21	0.96	33.30	128.70
	12/1/1989	--	97.15	96.32	0.83	32.21	128.70
	3/1/1990	--	97.62	96.80	0.82	31.74	128.70
	6/1/1990	--	96.02	95.27	0.75	33.28	128.70
	9/1/1990	--	97.80	96.85	0.95	31.66	128.70
	12/1/1990	--	98.82	97.64	1.18	30.82	128.70
	3/1/1991	--	96.83	96.25	0.58	32.33	128.70
	6/1/1991	--	95.94	95.44	0.5	33.16	128.70
	9/1/1991	--	96.12	95.62	0.5	32.98	128.70
	12/1/1991	--	95.91	95.44	0.47	33.17	128.70
	3/1/1992	--	94.14	93.93	0.21	34.73	128.70
	6/1/1992	--	92.98	92.97	0.01	35.73	128.70
	9/1/1992	--	93.42	93.25	0.17	35.42	128.70

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-501 Abandoned	12/1/1992	--	92.99	92.85	0.14	35.82	128.70
	3/1/1993	--	91.60	ND	0	37.10	128.70
	5/1/1993	--	89.45	ND	0	39.25	128.70
	9/1/1993	--	87.77	87.76	0.01	40.94	128.70
	12/1/1993	--	86.25	86.24	0.01	42.46	128.70
	3/1/1994	--	83.19	83.18	0.01	45.52	128.70
	6/1/1994	--	81.35	81.34	0.01	47.36	128.70
	9/1/1994	--	81.27	81.26	0.01	47.44	128.70
	12/1/1994	--	81.50	81.49	0.01	47.21	128.70
	3/1/1995	--	80.23	ND	0	48.47	128.70
	9/1/1995	--	76.04	ND	0	52.66	128.70
	12/1/1995	--	79.09	ND	0	49.61	128.70
	7/1/1996	--	77.84	ND	0	50.86	128.70
	12/1/1996	--	78.67	ND	0	50.03	128.70
	1/1/1998	--	--	--	--	--	128.70
	8/1/1998	--	--	--	--	--	Well Damaged
	1/1/1999	--	--	--	--	--	Well Damaged
MW-501A	7/1/1999	--	77.70	ND	0	--	Not Surveyed
	1/1/2000	--	81.83	ND	0	--	Not Surveyed
	7/1/2000	--	83.24	ND	0	--	Not Surveyed
	2/1/2001	--	84.48	ND	0	--	Not Surveyed
	7/1/2001	--	84.33	ND	0	--	Not Surveyed
	5/1/2002	--	85.76	ND	0	--	Not Surveyed
	9/1/2002	--	87.96	ND	0	--	Not Surveyed
	6/28/2004	95.00	Well was not located for sampling				
MW-502	6/1/1988	--	94.00	ND	0	37.19	131.19
	9/1/1988	--	94.95	ND	0	36.24	131.19
	12/1/1988	--	96.35	ND	0	34.84	131.19
	3/1/1989	--	96.75	ND	0	34.44	131.19
	6/1/1989	--	97.27	94.14	3.13	36.42	131.19
	9/1/1989	--	99.08	96.25	2.83	34.37	131.19
	12/1/1989	--	100.40	98.65	1.75	32.19	131.19
	3/1/1990	--	100.96	99.23	1.73	31.61	131.19
	6/1/1990	--	99.16	97.77	1.39	33.14	131.19
	6/1/1991	--	97.95	97.21	0.74	33.46	130.82
	9/1/1991	--	98.20	97.46	0.74	33.21	130.82
	12/1/1991	--	97.97	97.19	0.78	33.47	130.82
	3/1/1992	--	96.00	95.57	0.43	35.16	130.82
	6/1/1992	--	94.95	94.65	0.3	36.11	130.82
	9/1/1992	--	95.51	95.11	0.4	35.63	130.82
	12/1/1992	--	95.14	94.87	0.27	35.90	130.82
	3/1/1993	--	93.30	ND	0	37.52	130.82
	5/1/1993	--	91.13	ND	0	39.69	130.82
	9/1/1993	--	89.45	89.44	0.01	41.38	130.82
	12/1/1993	--	87.94	87.93	0.01	42.89	130.82
	3/1/1994	--	84.70	84.69	0.01	46.13	130.82
	6/1/1994	--	82.99	82.98	0.01	47.84	130.82
	9/1/1994	--	83.03	ND	0	47.79	130.82

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-502	12/1/1994	--	83.40	ND	0	47.42	130.82
	3/1/1995	--	81.96	ND	0	48.86	130.82
	9/1/1995	--	81.05	ND	0	49.77	130.82
	12/1/1995	--	81.02	ND	0	49.80	130.82
	7/1/1996	--	79.83	ND	0	50.99	130.82
	12/1/1996	--	80.68	ND	0	50.14	130.82
	1/1/1998	--	79.78	ND	0	51.04	130.82
	8/1/1998	--	78.98	ND	0	51.84	130.82
	1/1/1999	--	76.73	ND	0	51.57	128.30
	7/1/1999	--	76.90	ND	0	51.40	128.30
	1/1/2000	--	81.56	ND	0	46.74	128.30
	7/1/2000	--	83.48	ND	0	44.82	128.30
	2/1/2001	--	84.42	ND	0	43.88	128.30
	7/1/2001	--	84.32	ND	0	43.98	128.30
	5/1/2002	--	85.70	ND	0	42.60	128.30
	9/1/2002	--	88.22	ND	0	40.08	128.30
	6/29/2004	104.00	93.31	93.26	0.05	35.03	128.30
MW-503 Abandoned	6/1/1988	--	92.55	ND	0	38.88	131.43
	9/1/1988	--	93.26	ND	0	38.17	131.43
	12/1/1988	--	94.74	ND	0	36.69	131.43
	3/1/1989	--	95.18	ND	0	36.25	131.43
	6/1/1989	--	95.50	ND	0	35.93	131.43
	9/1/1989	--	96.30	ND	0	35.13	131.43
	12/1/1989	--	97.16		0	34.27	131.43
	3/1/1990	--	97.54		0	33.89	131.43
	6/1/1990	--	97.30	ND	0	34.13	131.43
	9/1/1990	--	97.70	ND	0	33.73	131.43
	12/1/1990	--	98.27	ND	0	33.16	131.43
	3/1/1991	--	96.64	ND	0	34.79	131.43
	6/1/1991	--	95.79	ND	0	35.64	131.43
	9/1/1991	--	96.05	ND	0	35.38	131.43
	12/1/1991	--	95.80	ND	0	35.63	131.43
	3/1/1992	--	93.98	ND	0	37.45	131.43
	6/1/1992	--	93.01	ND	0	38.42	131.43
	9/1/1992	--	93.52	ND	0	37.91	131.43
	12/1/1992	--	93.11	ND	0	38.32	131.43
	3/1/1993	--	91.67	ND	0	39.76	131.43
	5/1/1993	--	88.78	ND	0	42.65	131.43
	9/1/1993	--	87.47	87.45	0.02	43.98	131.43
	12/1/1993	--	86.02	86.00	0.02	45.43	131.43
	3/1/1994	--	82.54	82.53	0.01	48.90	131.43
	6/1/1994	--	80.95	80.94	0.01	50.49	131.43
	9/1/1994	--	81.41	81.40	0.01	50.03	131.43
	12/1/1994	--	81.75	ND	0	49.68	131.43
	3/1/1995	--	80.10	ND	0	51.33	131.43

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-503 Abandoned	9/1/1995	--	79.34	ND	0	52.09	131.43
	12/1/1995	--	79.37	ND	0	52.06	131.43
	7/1/1996	--	78.35	ND	0	53.08	131.43
	12/1/1996	--	79.31	ND	0	52.12	131.43
	1/1/1998	--	78.24	ND	0	53.19	131.43
	8/1/1998	--	77.45	ND	0	53.98	131.43
	1/1/1999	--	--	--	--	--	Well Destroyed
MW-503B	2/1/1999	--	77.05	ND	0	52.91	129.96
	7/1/1999	--	78.64	ND	0	51.32	129.96
	1/1/2000	--	82.58	ND	0	47.38	129.96
	7/1/2000	--	84.17	ND	0	45.79	129.96
	2/1/2001	--	85.06	ND	0	44.90	129.96
	7/1/2001	--	84.98	ND	0	44.98	129.96
	5/1/2002	--	86.32	ND	0	43.64	129.96
	9/1/2002	--	89.14	ND	0	40.82	129.96
	6/28/2004	109.00	93.97	ND	0	35.99	129.96
MW-504**	6/1/1988	--	92.56	90.73	1.83	42.73	133.83
	9/1/1988	--	93.98	92.41	1.57	41.11	133.83
	12/1/1988	--	94.70	92.83	1.87	40.63	133.83
	3/1/1989	--	96.25	93.50	2.75	39.78	133.83
	6/1/1989	--	94.36	92.16	2.2	41.23	133.83
	9/1/1989	--	99.21	97.15	2.06	36.27	133.83
	12/1/1989	--	96.80	95.45	1.35	38.11	133.83
	3/1/1990	--	97.10	95.72	1.38	37.83	133.83
	6/1/1990	--	95.75	95.13	0.62	38.58	133.83
	12/1/1990	--	97.47	96.31	1.16	37.97	134.51
	6/1/1991	--	95.20	ND	0	39.31	134.51
	9/1/1991	--	95.19	ND	0	39.32	134.51
	12/1/1991	--	95.08	ND	0	39.43	134.51
	3/1/1992	--	95.55	ND	0	38.96	134.51
	6/1/1992	--	92.28	ND	0	42.23	134.51
	9/1/1992	--	92.47	ND	0	42.04	134.51
	12/1/1992	--	92.32	ND	0	42.19	134.51
	3/1/1993	--	91.09	ND	0	43.42	134.51
	5/1/1993	--	88.78	ND	0	45.73	134.51
	9/1/1993	--	86.64	86.63	0.01	47.88	134.51
	11/1/1993	--	85.10	ND	0	49.41	134.51
	3/1/1994	--	82.26	82.25	0.01	52.26	134.51
	6/1/1994	--	80.43	ND	0	54.08	134.51
	9/1/1994	--	80.59	80.58	0.01	53.93	134.51
	12/1/1994	--	81.14	ND	0	53.37	134.51
	3/1/1995	--	80.06	ND	0	54.45	134.51
	9/1/1995	--	78.55	ND	0	55.96	134.51
	12/1/1995	--	78.76	ND	0	55.75	134.51
	7/1/1996	--	77.92	ND	0	56.59	134.51

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-504**	12/1/1996	--	79.15	78.85	0.3	55.60	134.51
	1/1/1998	--	78.00	77.98	0.02	56.53	134.51
	8/1/1998	--	77.00	76.98	0.02	57.53	134.51
	1/1/1999	--	77.56	77.46	0.1	57.03	134.51
	7/1/1999	--	79.12	78.63	0.49	55.78	134.51
	1/1/2000	--	82.88	82.20	0.68	52.17	134.51
	7/1/2000	--	84.90	83.96	0.94	50.36	134.51
	2/1/2001	--	--	86.24	--	--	134.51
	7/1/2001	--	86.47	84.58	1.89	49.55	134.51
	5/1/2002	--	87.20	86.10	1.1	48.19	134.51
	9/1/2002	--	89.38	88.35	1.03	45.95	134.51
	6/29/2004	118.00	94.56	93.65	0.91	40.68	134.51
MW-600 Abandoned	9/1/1990	--	91.48	90.31	1.17	29.51	120.05
	12/1/1990	--	92.43	90.79	1.64	28.93	120.05
	3/1/1991	--	89.88	89.00	0.88	30.87	120.05
	6/1/1991	--	89.35	88.45	0.9	31.42	120.05
	9/1/1991	--	89.64	88.76	0.88	31.11	120.05
	12/1/1991	--	88.91	88.58	0.33	31.40	120.05
	3/1/1992	--	87.09	86.89	0.2	33.12	120.05
	6/1/1992	--	86.26	86.12	0.14	33.90	120.05
	9/1/1992	--	86.90	86.69	0.21	33.32	120.05
	12/1/1992	--	86.02	86.00	0.02	34.05	120.05
	3/1/1993	--	84.63	ND	0	35.42	120.05
	5/1/1993	--	82.52	ND	0	37.53	120.05
	9/1/1993	--	80.99	80.98	0.01	39.07	120.05
	12/1/1993	--	79.49	79.48	0.01	40.57	120.05
	3/1/1994	--	76.01	76.00	0.01	44.05	120.05
	6/1/1994	--	74.40	74.39	0.01	45.66	120.05
	9/1/1994	--	74.73	74.72	0.01	45.33	120.05
	12/1/1994	--	74.90	74.84	0.06	45.20	120.05
	3/1/1995	--	73.65	73.03	0.62	46.90	120.05
	9/1/1995	--	73.69	73.30	0.39	46.67	120.05
	12/1/1995	--	72.02	ND	0	48.03	120.05
	7/1/1996	--	73.55	70.59	2.96	48.87	120.05
	12/1/1996	--	73.90	71.35	2.55	48.19	120.05
	1/1/1998	--	75.05	69.67	5.38	49.30	120.05
	8/1/1998	--	74.50	72.70	1.8	46.99	120.05
	1/1/1999	--	73.72	69.60	4.12	49.63	120.05
MW-600A	7/1/1999	--	77.55	77.32	0.23	42.97	120.34
	1/1/2000	--	77.80	76.77	1.03	43.36	120.34
	7/1/2000	--	78.99	78.59	0.4	42.07	120.34

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-600A	2/1/2001	--	79.87	79.39	0.48	41.33	120.34
	7/1/2001	--	80.38	79.82	0.56	40.97	120.34
	5/1/2002	--	83.20	80.56	2.64	39.25	120.34
	9/1/2002	--	84.58	83.62	0.96	36.53	120.34
	6/29/2004	100.00	91.02	87.97	3.05	31.76	120.34
MW-601 Abandoned	9/1/1990	--	96.64	95.89	0.75	28.99	125.03
	12/1/1990	--	97.01	96.52	0.49	28.41	125.03
	3/1/1991	--	94.84	ND	0	30.19	125.03
	6/1/1991	--	94.27	ND	0	30.76	125.03
	9/1/1991	--	94.54	ND	0	30.49	125.03
	12/1/1991	--	94.30	ND	0	30.73	125.03
	3/1/1992	--	92.66	ND	0	32.37	125.03
	6/1/1992	--	91.81	ND	0	33.22	125.03
	9/1/1992	--	92.80	92.28	0.52	32.65	125.03
	12/1/1992	--	91.78	ND	0	33.25	125.03
	3/1/1993	--	90.38	ND	0	34.65	125.03
	5/1/1993	--	88.35	ND	0	36.68	125.03
	9/1/1993	--	86.76	86.75	0.01	38.28	125.03
	12/1/1993	--	85.36	85.35	0.01	39.68	125.03
	3/1/1994	--	82.01	82.00	0.01	43.03	125.03
	6/1/1994	--	80.30	80.25	0.05	44.77	125.03
	9/1/1994	--	80.50	80.40	0.1	44.61	125.03
	12/1/1994	--	80.65	80.52	0.13	44.48	125.03
	3/1/1995	--	79.08	78.98	0.1	46.03	125.03
	9/1/1995	--	78.36	78.11	0.25	46.87	125.03
	12/1/1995	--	78.07	ND	0	46.96	125.03
	7/1/1996	--	77.03	76.75	0.28	48.22	125.03
	12/1/1996	--	77.57	ND	0	47.46	125.03
	1/1/1998	--	76.79	76.40	0.39	48.55	125.03
	8/1/1998	--	76.29	76.05	0.24	48.93	125.03
	1/1/1999	--	76.62	75.95	0.67	48.95	125.03
MW-601 A	7/1/1999	--	77.39	77.36	0.03	49.16	126.53
	1/1/2000	--	81.03	ND	0	45.50	126.53
	7/1/2000	--	82.72	82.70	0.02	43.83	126.53
	2/1/2001	--	83.73	83.71	0.02	42.82	126.53
	7/1/2001	--	84.07	ND	0	42.46	126.53
	5/1/2002	--	85.42	ND	0	41.11	126.53
	9/1/2002	--	87.91	ND	0	38.62	126.53
	6/29/2004	100.00	Dry	ND	0	Dry	126.53
MW-603	7/1/1996	--	72.01	ND	0	46.53	118.54
	12/1/1996	--	72.39	ND	0	46.15	118.54
	1/1/1998	--	71.33	ND	0	47.21	118.54
	8/1/1998	--	71.12	ND	0	47.42	118.54
	1/1/1999	--	77.71	ND	0	40.83	118.54
	7/1/1999	--	72.97	ND	0	45.57	118.54
	1/1/2000	--	76.87	ND	0	41.67	118.54
	7/1/2000	--	78.00	ND	0	40.54	118.54
	2/1/2001	--	78.48	ND	0	40.06	118.54

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-603	7/1/2001	--	79.14	ND	0	39.40	118.54
	5/1/2002	--	80.21	ND	0	38.33	118.54
	9/1/2002	--	83.86	ND	0	34.68	118.54
	6/29/2004	100.00	88.20	ND	0	30.34	118.54
MW-604	7/1/1996	--	88.79	ND	0	49.37	138.16
	12/1/1996	--	89.57	ND	0	48.59	138.16
	1/1/1998	--	88.61	ND	0	49.55	138.16
	8/1/1998	--	87.55	ND	0	50.61	138.16
	1/1/1999	--	87.88	ND	0	50.28	138.16
	7/1/1999	--	88.53	ND	0	49.63	138.16
	1/1/2000	--	92.10	ND	0	46.06	138.16
	7/1/2000	--	94.21	ND	0	43.95	138.16
	2/1/2001	--	95.65	ND	0	42.51	138.16
	7/1/2001	--	95.42	ND	0	42.74	138.16
	5/1/2002	--	96.79	ND	0	41.37	138.16
	9/1/2002	--	98.22	ND	0	39.94	138.16
	6/28/2004	103.00	102.32	ND	0	35.84	138.16
MW-605	7/1/1996	--	74.03	ND	0	40.51	114.54
	12/1/1996	--	74.06	ND	0	40.48	114.54
	1/1/1998	--	73.19	ND	0	41.35	114.54
	8/1/1998	--	73.18	ND	0	41.36	114.54
	1/1/1999	--	72.52	ND	0	42.02	114.54
	7/1/1999	--	74.62	ND	0	39.92	114.54
	1/1/2000	--	78.58	ND	0	35.96	114.54
	7/1/2000	--	79.54	ND	0	35.00	114.54
	2/1/2001	--	79.99	ND	0	34.55	114.54
	7/1/2001	--	80.83	ND	0	33.71	114.54
	5/1/2002	--	81.84	ND	0	32.70	114.54
	9/1/2002	--	85.70	ND	0	28.84	114.54
	6/28/2004	95.00	89.55	ND	0	24.99	114.54
MW-606	7/1/1996	--	77.19	ND	0	36.70	113.89
	12/1/1996	--	77.50	ND	0	36.39	113.89
	1/1/1998	--	75.92	ND	0	37.97	113.89
	8/1/1998	--	75.93	ND	0	37.96	113.89
	1/1/1999	--	75.26	ND	0	38.63	113.89
	7/1/1999	--	77.19	ND	0	36.70	113.89
	1/1/2000	--	80.87	ND	0	33.02	113.89
	7/1/2000	--	82.12	ND	0	31.77	113.89
	2/1/2001	--	82.70	ND	0	31.19	113.89
	7/1/2001	--	83.55	ND	0	30.34	113.89
	5/1/2002	--	84.69	ND	0	29.20	113.89
	9/1/2002	--	88.55	ND	0	25.34	113.89
	6/28/2004	100.00	92.01	ND	0	21.88	113.89
MW-607	7/1/1996	--	86.88	ND	0	39.15	126.03
	12/1/1996	--	87.56	ND	0	38.47	126.03
	1/1/1998	--	86.50	ND	0	39.53	126.03
	8/1/1998	--	85.64	ND	0	40.39	126.03
	1/1/1999	--	85.88	ND	0	40.15	126.03

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-607	7/1/1999	--	86.52	ND	0	39.51	126.03
	1/1/2000	--	90.40	ND	0	35.63	126.03
	7/1/2000	--	92.02	ND	0	34.01	126.03
	2/1/2001	--	93.53	ND	0	32.50	126.03
	7/1/2001	--	93.58	ND	0	32.45	126.03
	5/1/2002	--	95.30	ND	0	30.73	126.03
	9/1/2002	--	98.05	ND	0	27.98	126.03
	6/28/2004	107.00	102.29	ND	0	23.74	126.03
W-1	12/1/1996	--	90.10	ND	0	52.79	142.89
	1/1/1998	--	89.28	ND	0	53.61	142.89
	8/1/1998	--	88.19	ND	0	54.70	142.89
	1/1/1999	--	88.62	ND	0	54.27	142.89
	7/1/1999	--	89.25	ND	0	53.64	142.89
	1/1/2000	--	91.80	ND	0	51.09	142.89
	7/1/2000	--	94.00	ND	0	48.89	142.89
	2/1/2001	--	95.33	ND	0	47.56	142.89
	7/1/2001	--	95.32	ND	0	47.57	142.89
	5/1/2002	--	96.70	ND	0	46.19	142.89
	9/1/2002	--	97.77	ND	0	45.12	142.89
	6/28/2004	129.00	100.66	ND	0	42.23	142.89
W-2 Abandoned	12/1/1996	--	88.72	ND	0	50.59	139.31
	1/1/1998	--	87.95	ND	0	51.36	139.31
	8/1/1998	--	86.95	ND	0	52.36	139.31
W-3 Abandoned	12/1/1996	--	90.98	ND	0	45.13	136.11
	1/1/1998	--	89.95	ND	0	46.16	136.11
W-3A**	8/1/1998	--	91.14	ND	0	32.86	124.00
	1/1/1999	--	91.55	ND	0	32.45	124.00
	7/1/1999	--	92.21	ND	0	31.79	124.00
	1/1/2000	--	95.65	ND	0	28.35	124.00
	7/1/2000	--	97.10	97.14	0.04	26.93	124.00
	2/1/2001	--	98.26	ND	0	25.74	124.00
	7/1/2001	--	98.20	ND	0	25.80	124.00
	5/1/2002	--	100.39	99.28	1.11	24.50	124.00
	9/1/2002	--	102.59	100.80	1.79	22.84	124.00
	6/29/2004	115.00	102.71	101.30	1.41	22.42	124.00
W-4	12/1/1996	--	92.88	ND	0	49.50	142.38
	1/1/1998	--	92.01	ND	0	50.37	142.38
	8/1/1998	--	90.90	ND	0	51.48	142.38
	1/1/1999	--	91.31	ND	0	51.07	142.38
	7/1/1999	--	91.90	ND	0	50.48	142.38
	1/1/2000	--	94.66	ND	0	47.72	142.38
	7/1/2000	--	96.88	ND	0	45.50	142.38

TABLE D1-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
W-4	2/1/2001	--	98.20	ND	0	44.18	142.38
	7/1/2001	--	98.04	ND	0	44.34	142.38
	5/1/2002	--	99.43	ND	0	42.95	142.38
	9/1/2002	--	100.60	ND	0	41.78	142.38
	6/28/2004	132.00	102.13	ND	0	40.25	142.38
EW-1	8/1/1998	--	85.99	ND	0	26.41	112.40
	1/1/1999	--	86.22	ND	0	26.18	112.40
	7/1/1999	--	86.51	ND	0	25.89	112.40
	1/1/2000	--	88.29	88.21	0.08	24.17	112.40
	7/1/2001	--	93.92	91.31	2.61	20.57	112.40
	5/1/2002	--	94.39	92.78	1.61	19.30	112.40
	9/1/2002	--	95.49	93.38	2.11	18.60	112.40
	6/29/2004	113.50	98.33	96.15	2.18	15.81	112.40

NOTES:
Table reproduced from *Revised Master Work Plan* by Versar, Inc., dated January, 2000, with additional data added.
Groundwater elevation = (top of casing elevation - depth to water) + (0.8 x hydrocarbon thickness) for Haley & Aldrich, Inc. and BBL, Inc. sampling events
Groundwater elevation correction for the presence of free product was performed assuming a specific gravity of 0.8 for the petroleum product
NA- Not applicable
NM- Not measured
-- Data not listed in former reports
ND - Not detected
* - Damage to casing of monitoring well MW-204 was discovered in October 2005; casing above ground was cut in order to collect groundwater sample; top of casing has not yet been resurveyed
** - Sheen developed during sampling of monitoring wells MW-504 and W-3A
*** - Former production wells W-7 and W-8 were never surveyed and are not used in calculating groundwater gradients (screened in a deeper aquifer)
msl- Mean sea level

TABLE D1-B
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (ARCADIS BBL)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
EW-1*	10/4/2005	NM	100.12	98.40	1.72	13.66	112.40
	2/13/2006	NM	99.55	98.89	0.66	13.38	112.40
	8/2/2006	112.37	98.65	ND	Sheen	13.75	112.40
	11/6/2006	112.32	98.42	ND	0	13.98	112.40
	2/5/2007	112.29	98.16	ND	0	14.24	112.40
MW-101	10/4/2005	92.70	Dry	ND	0	Dry	135.23
	2/13/2006	90.20	Dry	ND	0	Dry	135.23
	7/31/2006	90.22	88.61	ND	0	46.62	135.23
	11/6/2006	90.31	88.52	ND	0	46.71	135.23
	2/5/2007	90.65	88.20	ND	0	47.03	135.23
MW-103	10/4/2005	94.55	Dry	ND	0	Dry	136.95
	2/13/2006	94.38	Dry	ND	0	Dry	136.95
	7/31/2006	94.58	93.32	ND	0	43.63	136.95
	11/6/2006	94.81	93.03	ND	0	43.92	136.95
	2/5/2007	94.31	92.83	ND	0	44.12	136.95
MW-104A	10/4/2005	97.60	89.85	ND	0	51.31	141.16
	2/13/2006	98.05	89.66	ND	0	51.50	141.16
	7/31/2006	Well temporarily capped/covered below ground surface for temporary roadway. Will be extended above surface following road use completion.					
	11/6/2006	Well temporarily capped/covered below ground surface for temporary roadway. Will be extended above surface following road use completion.					
	2/5/2007	100.20	88.35	ND	0	55.04	143.39
MW-105	10/4/2005	100.15	91.03	ND	0	47.60	138.63
	2/13/2006	100.10	89.95	ND	0	48.68	138.63
	7/31/2006	100.04	87.99	ND	0	50.64	138.63
	11/6/2006	100.25	87.91	ND	0	50.72	138.63
	2/5/2007	99.22	87.66	ND	0	50.97	138.63
MW-106A	10/4/2005	Well re-installed following Feb. 2006 sampling event					148.41
	2/13/2006						148.41
	8/2/2006	110.22	96.72	ND	0	55.79	152.51
	11/6/2006	110.28	96.17	ND	0	56.34	152.51
	2/5/2007	110.08	95.9	ND	0	56.61	152.51

TABLE D1-B
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (ARCADIS BBL)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-107A	10/4/2005	Well re-installed following Feb. 2006 sampling event					148.93
	2/13/2006						148.93
	8/2/2006	109.79	96.88	ND	0	49.83	146.71
	11/6/2006	109.6	96.65	ND	0	50.06	146.71
	2/5/2007	109.69	96.41	ND	0	50.30	146.71
MW-201	10/4/2005	101.52	93.07	ND	0	39.84	132.91
	2/13/2006	93.69	91.80	ND	0	41.11	132.91
	7/31/2006	93.79	89.88	ND	0	43.03	132.91
	11/6/2006	101.76	89.83	ND	0	43.08	132.91
	2/5/2007	100.95	89.34	ND	0	43.57	132.91
MW-202	10/4/2005	92.59	Dry	ND	0	Dry	137.89
	2/13/2006	92.64	Dry	ND	0	Dry	137.89
	7/31/2006	92.81	Dry	ND	0	Dry	137.89
	11/6/2006	92.74	Dry	ND	0	Dry	137.89
	2/5/2007	92.68	Dry	ND	0	Dry	137.89
MW-203	10/4/2005	Well re-installed following Feb. 2006 sampling event					143.89
	2/13/2006						143.89
	8/2/2006	102.55	94.12	ND	0	49.31	143.43
	11/6/2006	102.39	94	ND	0	49.43	143.43
	2/5/2007	102.43	93.84	ND	0	49.59	143.43
MW-204**	10/4/2005	99.68	97.86	ND	0	42.28	140.14
	2/13/2006	96.72	95.24	ND	0	NA	NM
	7/31/2006	98.97	93.27	ND	0	NA	NM
	11/6/2006	98.67	92.99	ND	0	NA	NM
	2/5/2007	99.69	94.32	ND	0	47.86	142.18
MW-205	10/4/2005	98.25	92.00	ND	0	46.04	138.04
	2/13/2006	98.32	90.92	ND	0	47.12	138.04
	7/31/2006	98.43	88.99	ND	0	49.05	138.04
	11/6/2006	98.62	88.75	ND	0	49.29	138.04
	2/5/2007	98.31	88.52	ND	0	49.52	138.04
MW-501A	10/4/2005	92.58	Dry	ND	0	Dry	NM
	2/13/2006	92.60	Dry	ND	0	Dry	NM
	7/31/2006	92.71	91.74	ND	0	NA	NM
	11/6/2006	93.13	91.65	ND	0	NA	NM
	2/5/2007	93.05	91.02	ND	0	NA	NM

TABLE D1-B
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (ARCADIS BBL)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-502	10/4/2005	100.49	94.90	ND	0	33.40	128.30
	2/13/2006	100.56	93.40	ND	0	34.90	128.30
	7/31/2006	100.54	91.49	ND	0	36.81	128.30
	11/6/2006	100.78	91.46	ND	0	36.84	128.30
	2/5/2007	99.95	90.80	ND	0	37.50	128.30
MW-503B	10/4/2005	108.60	95.34	ND	0	34.62	129.96
	2/13/2006	108.79	93.79	ND	0	36.17	129.96
	7/31/2006	108.88	91.93	ND	0	38.03	129.96
	11/6/2006	108.82	91.91	ND	0	38.05	129.96
	2/5/2007	108.79	91.28	ND	0	38.68	129.96
MW-504*	10/4/2005	95.85	95.12	NM	NM	NM	134.51
	2/13/2006	95.95	93.80	ND	Sheen	40.71	134.51
	7/31/2006	95.90	91.81	ND	0	42.70	134.51
	11/6/2006	95.89	91.71	ND	Sheen	42.80	134.51
	2/5/2007	95.81	91.26	ND	0	43.25	134.51
MW-600A	10/4/2005	NM	92.62	89.46	3.16	30.25	120.34
	2/14/2006	NM	91.15	87.92	3.23	31.77	120.34
	7/31/2006	NM	88.87	86.35	2.52	33.49	120.34
	11/6/2006	NM	89.28	86.26	3.02	33.48	120.34
	2/5/2007	NM	88.48	85.52	2.96	34.23	120.34
MW-601A	10/4/2005	89.40	Dry	ND	0	Dry	126.53
	2/13/2006	89.65	Dry	ND	0	Dry	126.53
	7/31/2006	89.90	Dry	ND	0	Dry	126.53
	11/6/2006	84.91	Dry	ND	0	Dry	126.53
	2/5/2007	89.66	Dry	ND	0	Dry	126.53
MW-603	10/4/2005	97.28	89.53	ND	0	29.01	118.54
	2/13/2006	96.90	88.49	ND	0	30.05	118.54
	7/31/2006	97.15	85.88	ND	0	32.66	118.54
	11/6/2006	96.98	85.97	ND	0	32.57	118.54
	2/5/2007	97.85	85.01	ND	0	33.53	118.54
MW-604	10/4/2005	103.14	102.78	ND	0	35.38	138.16
	2/13/2006	103.25	Dry	ND	0	Dry	138.16
	7/31/2006	103.13	Dry	ND	0	Dry	138.16
	11/6/2006	103.26	102.35	ND	0	35.81	138.16
	2/5/2007	103.16	101.91	ND	0	36.25	138.16

TABLE D1-B
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (ARCADIS BBL)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
MW-605	10/4/2005	94.03	91.22	ND	0	23.32	114.54
	2/13/2006	94.00	88.91	ND	0	25.63	114.54
	7/31/2006	94.26	88.45	ND	0	26.09	114.54
	11/6/2006	94.06	87.54	ND	0	27.00	114.54
	2/5/2007	93.96	86.32	ND	0	28.22	114.54
MW-606	10/4/2005	99.16	94.21	ND	0	19.68	113.89
	2/13/2006	99.30	91.98	ND	0	21.91	113.89
	7/31/2006	99.19	90.30	ND	0	23.59	113.89
	11/6/2006	99.00	90.61	ND	0	23.28	113.89
	2/5/2007	99.21	89.30	ND	0	24.59	113.89
MW-607	10/4/2005	106.80	104.78	ND	0	21.25	126.03
	2/13/2006	106.61	103.34	ND	0	22.69	126.03
	7/31/2006	106.96	101.07	ND	0	24.96	126.03
	11/6/2006	106.95	101.43	ND	0	24.60	126.03
	2/5/2007	106.19	100.57	ND	0	25.46	126.03
W-1	10/4/2005	129.63	102.95	ND	0	39.94	142.89
	2/13/2006	129.61	102.60	ND	0	40.29	142.89
	7/31/2006	129.84	101.48	ND	0	41.41	142.89
	11/6/2006	129.73	101.12	ND	0	41.77	142.89
	2/5/2007	129.75	100.66	ND	0	42.23	142.89
W-3A*	10/4/2005	104.55	104.55	103.55	1.00	20.25	124.00
	2/13/2006	104.60	102.78	ND	Sheen	21.22	124.00
	7/31/2006	104.88	101.30	ND	0	22.70	124.00
	11/6/2006	106.51	101.16	ND	0	22.84	124.00
	2/5/2007	110.40	100.62	ND	0	23.38	124.00
W-4	10/4/2005	129.07	104.36	ND	0	38.02	142.38
	2/13/2006	129.54	103.91	ND	0	38.47	142.38
	7/31/2006	129.60	102.66	ND	0	39.72	142.38
	11/6/2006	129.51	102.21	ND	0	40.17	142.38
	2/5/2007	129.09	101.82	ND	0	40.56	142.38
W-7***	10/4/2005	NM	87.97	ND	0	NA	NM
	2/13/2006	NM	85.63	ND	0	NA	NM
	7/31/2006	NM	85.05	ND	0	NA	NM
	11/6/2006	NM	91.19	ND	0	NA	NM
	2/5/2007	NM	82.98	ND	0	NA	NM

TABLE D1-B
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS (ARCADIS BBL)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Depth (feet)	Depth to Water (feet)	Depth to Hydrocarbons (feet)	Hydrocarbon Thickness (feet)	Groundwater Elevation (feet-msl)	Top of Casing Elevation (feet-msl)
W-8***	10/4/2005	NM	69.18	ND	0	NA	NM
	2/13/2006	NM	69.11	ND	0	NA	NM
	7/31/2006	NM	67.20	ND	0	NA	NM
	11/6/2006	NM	70.21	ND	0	NA	NM
	2/5/2007	NM	64.04	ND	0	NA	NM
W-9	11/6/2006	110.44	84.95	ND	0	NA	NM
	2/5/2007	110.19	84.65	ND	0	54.47	139.12
W-10	11/6/2006	110.22	88.35	ND	0	NA	NM
	2/5/2007	110.33	88.16	ND	0	51.83	139.99
W-11	11/6/2006	112.83	91.41	ND	0	NA	NM
	2/5/2007	112.85	91.24	ND	0	50.05	141.29
W-12	11/6/2006	116.21	94.25	ND	0	NA	NM
	2/5/2007	116.09	93.93	ND	0	50.49	144.42

NOTES:
Groundwater elevation = (top of casing elevation - depth to water) + (0.8 x hydrocarbon thickness) for Haley & Aldrich, Inc. and BBL, Inc. sampling events
Groundwater elevation correction for the presence of free product was performed assuming a specific gravity of 0.8 for the petroleum product
NA - Not applicable
NM - Not measured
ND - Not detected
* - Sheen developed during sampling of monitoring wells EW-1, MW-504, and W-3A
** - Damage to casing of monitoring well MW-204 was discovered in October 2005; casing above ground was cut in order to collect groundwater sample; top of casing was not resurveyed until February 2007
*** - Former production wells W-7 and W-8 were never surveyed and are not used in calculating groundwater gradients (screened in a deeper aquifer)
msl - Mean sea level

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
Operational Area 1 Bloomfield Property																									
MW-106	12/20/1995	0.79	--	ND<10	--	--	0.012	0.0035	0.01	0.01	--	--	--	--	--	--	0.033	--	--	--	--	--	--	--	--
	7/31/1996	0.6	--	--	0.0036	--	0.014	0.0022	0.009	ND<0.005	--	--	ND<0.0003	--	ND<0.0003	--	0.026	ND<0.0003	--	ND<0.0003	ND<0.0003	ND<0.0003	0.00054	ND<0.0003	--
	12/17/1996	0.36	--	--	ND<0 002	--	0.0031	ND<0 002	ND<0 002	ND<0.004	--	--	ND<0.002	ND<0.002	ND<0.002	--	0.063	ND<0 002	--	ND<0 002	ND<0.002	ND<0 002	ND<0 002	ND<0 002	0.0027
	1/20/1998	0.8	--	--	ND<0 005	--	0.024	ND<0 005	0.0081	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.046	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.0073
	8/20/1998	1	--	--	ND<0 005	--	0.027	ND<0 005	0.084	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.43	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.0096
	1/27/1999	1.1	--	--	ND<0 005	--	21	ND<0 005	0.0085	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.047	ND<0 005	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.009
	7/19/1999	0.89	--	--	ND<0 001	--	0.018	ND<0 001	0.0077	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.039	ND<0 001	--	ND<0 001	0.0017	ND<0.0005	0.0012	ND<0 001	0.007
	1/14/2000	1	--	--	ND<0 001	--	0.0041	ND<0.001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.02	ND<0 001	--	ND<0 001	0.0022	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	7/31/2000	ND<0.5	--	--	ND<0 001	--	0.0053	ND<0.001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.026	ND<0 001	--	ND<0 001	0.0027	ND<0.0005	ND<0 001	ND<0 001	0.001
	2/6/2001	0.53	--	--	ND<0 001	--	0.0023	ND<0 001	0.0013	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.035	ND<0 001	--	ND<0 001	0.002	ND<0.0005	0.0012	ND<0 001	ND<0.001
	7/24/2001	0.47	--	--	ND<0 001	--	0.0017	ND<0 001	ND<0 001	ND<0.001	--	--	0.0014	ND<0.001	ND<0.001	--	0.033	ND<0 001	--	ND<0 001	0.0018	ND<0.0005	0.001	ND<0 001	0.0018
	5/7/2002	0.43	--	--	ND<0 001	38	0.0024	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.022	ND<0 001	--	ND<0 001	0.0016	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	9/24/2002	0.12	--	--	ND<0 001	28	0.0035	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.024	ND<0 001	--	ND<0 001	0.0021	ND<0.0005	0.0011	ND<0 001	ND<0.001
	7/1/2004	0.26	--	--	ND<0 005	ND<0.1	0.0023J	0.00077	0.0011	ND<0.001	--	--	ND<0.005	--	ND<0.005	ND<0.005	0.015	ND<0 005	ND<0.005	--	0.002J	ND<0 005	0.002J	ND<0 005	ND<0.005
MW-107	12/21/1995	ND<0.5	--	ND<10	--	--	0.016	0.00099	0.00077	0.0029	--	--	--	--	--	--	0.028	--	--	--	--	--	--	--	--
	7/31/1996	0.6	--	--	0.11	--	0.031	0.0044	0.0066	ND<0.005	--	--	ND<0.0003	--	ND<0.0003	--	0.031	ND<0.0003	--	ND<0.0003	ND<0.0003	ND<0.0003	0.00045	ND<0.0003	--
	12/17/1996	0.38	--	--	ND<0 002	--	0.022	ND<0 005	ND<0 005	ND<0.01	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.08	ND<0 005	--	ND<0 005	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	1/20/1998	0.83	--	--	ND<0 005	--	0.042	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.12	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	8/20/1998	0.83	--	--	ND<0 005	--	0.028	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.098	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.0062
	1/27/1999	1.1	--	--	ND<0 005	--	0.036	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.1	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.0069
	7/19/1999	0.82	--	--	ND<0 005	--	0.038	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.12	ND<0 005	--	ND<0 005	ND<0.005	ND<0.0025	ND<0 005	ND<0 005	ND<0.005
	1/12/2000	1.7	--	--	ND<0 001	--	0.087	ND<0 001	0.0078	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.12	ND<0 001	--	ND<0 001	0.0016	ND<0.0005	0.0011	ND<0 001	0.011
	7/31/2000	1.7	--	--	ND<0 005	--	0.25	ND<0 005	0.02	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	0.043	ND<0 005	--	ND<0 005	0.0083	ND<0.0025	ND<0 005	ND<0 005	0.048
	2/6/2001	2.1	--	--	ND<0 001	--	0.18	ND<0 001	0.004	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.045	ND<0 001	--	ND<0 001	0.02	ND<0.0005	ND<0 001	ND<0 001	0.054
	7/26/2001	2	--	--	ND<0 002	--	0.22	ND<0 001	0.038	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.033	ND<0 001	--	ND<0 001	0.033	ND<0.0005	ND<0 001	ND<0 001	0.051
	5/9/2002	2.1	--	--	ND<0 002	26	0.31	ND<0 002	0.003	ND<0.002	--	--	ND<0.002	ND<0.002	ND<0.002	ND<2	0.0088	ND<0 002	--	ND<0 002	0.021	ND<0 001	ND<0 002	ND<0 002	0.045
	9/25/2002	2.2	--	--	ND<0 002	20	0.77	ND<0 002	0.0057	ND<0.004	ND<0 0005	ND<0.0005	ND<0.002	ND<0.002	ND<0.002	ND<2	0.0058	ND<0 002	--	ND<0 002	0.03	ND<0 001	ND<0 002	ND<0 002	0.063
	7/1/2004	--	--	--	--	--	--	--	--	--	--	--	ND<0.005	--	ND<0.005	0.013	ND<0.005	ND<0 005	ND<0.005	--	0.014	ND<0 005	ND<0 005	ND<0 005	0.13
MW-203	6/1/1988	--	--	--	--	--	0.046	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	0.076	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	0.064	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	0.11	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	0.11	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	0.08	ND<0 005	0.005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	0.1	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	0.09	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	0.088	0.002	0.007	0.002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	0.13	ND<0 005	0.009	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	0.094	ND<0 005	0.007	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	0.1	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	0.1	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	0.14	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	0.13	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1992	--	--	--	--	--	0.12	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	0.085	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	0.046	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	0.064	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	0.069	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/1/1993	--	--	--	--	--	0.086	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/1993	--	--	--	--	--	0.086	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1993	--	--	--	--	--	0.04	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	0.039	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	0.027	ND<0 005	ND<0 005	ND<0.015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	0.028	ND<0 002	ND<0 002	ND<0.002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	0.64	--	ND<5	--	--	0.037	0.001	0.012	0.0019	--	--	--	--	--	--	0.04	--	--	--	0.00061	--	--	--	--
	7/31/1996	0.5	--	--	ND<0.02	--	0.043	0.002	0.0018	ND<0.005	--	--	ND<0.0003	--	ND<0.0003	--	0.022	ND<0.0003	--	ND<0.0003	0.00034	ND<0.0003	ND<0.0003	ND<0.0003	--
	12/17/1996	0.16	--	--	ND<0 002	--	0.03	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 001	ND<0 001	ND<0 001	0.0012
	1/20/1998	0.25	--	--	ND<0 005	--	0.024	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.028	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	8/20/1998	0.29	--	--	ND<0 005	--	0.017	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.035	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	1/27/1999	0.33	--	--	ND<0 005	--	0.012	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.035	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	7/19/1999	ND<0.5	--	--	ND<0 001	--	0.016	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.024	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	1/12/2000	ND<0.5	--	--	0.001	--	0.0078	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.014	ND<0 001	--	ND<0 001	ND<0.001	0.00053	ND<0 001	ND<0 001	ND<0.001
	7/31/2000	ND<0.5	--	--	ND<0 005	--	0.097	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.016	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	2/6/2001	ND<0.5	--	--	ND<0 001	--	0.013	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.025	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	7/24/2001	0.18	--	--	ND<0 001	--	0.014	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.024	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	5/8/2002	0.15	--	--	ND<0 001	30	0.0087	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.021	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	9/25/2002	0.16	--	--	ND<0 001	25	0.011	ND<0 001	ND<0 001	ND<0.02	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.027	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	7/1/2004	0.27	--	--	ND<0 005	ND<0.1	0.0092	0.0005J	0.00075	ND<0.001	ND<0 0005	ND<0.0005	ND<0.005	--	ND<0.005	--	0.024	ND<0 005	ND<0.005	--	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
Operational Area 2 East Tank Farm Area																									
MW-103	8/1/1985	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1988	--	--	--	--	--	0.97	0.074	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	0.3	ND<0 005	ND<0 005	0.008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	0.37	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
	3/1/1989	--	--	--	--	--	0.94	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	0.7	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	1	0.03	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	3/1/1992	--	--	--	--	--	0.21	ND<0 005	0.005	0.023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	0.88	ND<0 005	ND<0 005	0.055	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	0.2	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	0.35	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	ND<0.005	0.008	0.019	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/1/1993	--	--	--	--	--	4.8	ND<0.25	ND<0 25	ND<0.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/1993	--	--	--	--	--	4.8	ND<0.25	ND<0 25	ND<0.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1993	--	--	--	--	--	1.3	0.088	0.062	0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/1/1993	--	--	--	--	--	1.4	ND<0.25	ND<0 25	ND<0.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	0.24	ND<0.01	ND<0 01	0.011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	0.16	ND<0.005	ND<0 005	ND<0.015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	0.9	ND<0.05	ND<0 05	ND<0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	4.1	--	ND<0.5	--	--	0.41	0.0041	0.0026	0.077	--	--	--	--	--	--	ND<0.0005	--	--	--	0.0022	0.0021	ND<0.0005	ND<0.0005	--
	7/31/1996	2.7	--	--	ND<0.01	--	0.34	0.005	ND<0.0005	0.012	--	--	ND<0.0003	--	ND<0.0003	--	0.0007	0.0012	--	0.011	0.017	0.0017	ND<0.0003	ND<0.0003	--
	12/17/1996	2.4	--	--	ND<0.01	--	0.2	ND<0.005	ND<0 005	ND<0.01	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	0.027	ND<0 005	ND<0 005	ND<0 005	0.006
	1/21/1998	1.3	--	--	ND<0 005	--	0.23	ND<0.005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.011
	8/19/1998	1.6	--	--	ND<0 005	--	0.22	ND<0.005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.011
	1/27/1999	1.9	--	--	ND<0 005	--	0.11	ND<0.005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.0071
	7/19/1999	1.8	--	--	ND<0 001	--	0.061	0.0011	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0012	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0088
	1/12/2000	1.5	--	--	0.0012	--	0.081	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.003	ND<0 001	--	ND<0 001	ND<0.001	0.004	ND<0 001	ND<0 001	0.0063
	8/4/2000	0.52	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0029	ND<0 001	--	ND<0 001	ND<0.001	0.0015	ND<0 001	ND<0 001	0.0035
	2/9/2001	0.65	--	--	ND<0 001	--	0.00087	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0024	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0047
	7/25/2001	1.3	--	--	0.0025	--	0.041	ND<0 001	ND<0 001	0.0027	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0025	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0041
	5/8/2002	0.2	--	--	ND<0 001	53	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.0013	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	9/25/2002	0.69	--	--	0.0014	40	0.04	ND<0 001	ND<0 001	0.0013	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.0016	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0067
MW-202	8/1/1985	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/1/1993	--	--	--	--	--	7.7	ND<0.5	2.6	6.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	0.4	0.007	0.029	0.042	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	0.5	0.01	0.048	0.042	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1995	6.5	--	--	--	--	0.33	0.021	0.051	0.074	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	4.8	--	--	0.062	--	0.64	0.015	ND<0.0005	0.032	--	--	ND<0.0003	--	ND<0.0003	--	0.002	ND<0.0003	--	0.0057	0.00054	0.00058	ND<0.0003	0.0004	--
	12/17/1996	7.4	--	--	ND<0.02	--	0.89	ND<0.05	ND<0 05	ND<0.1	--	--	ND<0 05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	--	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.055
	1/21/1998	1.6	--	--	ND<0 005	--	0.45	ND<0 005	0.019	0.021	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.057
	8/18/1998	3.1	--	--	ND<0 005	--	0.28	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.049
	1/27/1999	2.3	--	--	ND<0 005	--	0.076	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.067
	7/19/1999	2.3	--	--	ND<0 002	--	0.036	0.0021	0.0037	0.0024	--	--	ND<0.002	ND<0.002	ND<0.002	--	0.0033	ND<0 002	--	ND<0 002	ND<0.002	ND<0 001	ND<0 002	ND<0 002	0.062
	1/11/2000	2.4	--	--	0.0012	--	0.049	ND<0 001	0.0024	0.0023	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0019	ND<0 001	--	ND<0 001	0.0022	ND<0.0005	ND<0 001	ND<0 001	0.046
	8/2/2000	1.4	--	--	ND<0 001	--	0.041	ND<0 001	ND<0 001	0.0018	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0046	ND<0 001	--	ND<0 001	0.011	ND<0.0005	ND<0 001	ND<0 001	0.035
	2/7/2000	1.1	--	--	ND<0 001	--	0.025	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0023	ND<0 001	--	ND<0 001	0.0073	ND<0.0005	ND<0 001	ND<0 001	0.0099
	7/24/2001	1.1	--	--	ND<0 001	--	0.038	ND<0 001	ND<0 001	0.0018	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	0.0018	ND<0.0005	ND<0 001	ND<0 001	0.0061
	5/8/2002	1.4	--	--	0.016	66	0.33	0.0029	0.0021	0.0038	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	ND<0.001	ND<0 001	--	ND<0 001	0.0012	ND<0.0005	ND<0 001	ND<0 001	0.012
	9/26/2002	1	--	--	0.012	59	0.17	0.0078	0.014	0.0526	--	--	ND<0.005	ND<0.005	ND<0.005	ND<5	ND<0.005	ND<0 005	--	ND<0 005	ND<0.005	ND<0.0025	ND<0 005	ND<0 005	0.034
MW-204	6/1/1988	--	--	--	--	--	0.019	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	0.006	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	0.033	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	0.039	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	0.076	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	0.064	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	0.16	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	0.009	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	0.002	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	0.025	ND<0 005	ND<0 005	0.006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	0.027	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	0.047	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1992	--	--	--	--	--	0.09	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	0.11	0.071	ND<0 005	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	0.09	0.02	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	2.7	3.7	ND<0 005	1.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1/1993	--	--	--	--	--	0.13	0.028	0.021	0.193	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/1/1993	--	--	--	--	--	0.78	ND<0.05	ND<0 05	ND<0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/1993	--	--	--	--	--	0.78	ND<0.05	ND<0 05	ND<0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	5.5	0.63	0.19	0.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	5	0.077	0.12	0.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	6.9	4.7	0.65	3.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	12000	--	ND<5	--	--	0.88	0.67	0.24	0.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/1/1996	14	--	--	0.032	--	1.4	1.3	0.52	1.7	--	--	ND<0.001	--	ND<0.001	--	0.0029	ND<0 001	--	ND<0 001	0.0033	0.0072	ND<0 001	ND<0 001	--
	12/17/1996	2.1	--	--	ND<0.2	--	0.75	0.058	ND<0 05	ND<0.1	--	--	ND<0 05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	--	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05
	1/21/1998	6	--	--	0.0051	--	2.3	0.079	0.21	0.5	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.012

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
	8/21/1998	11	--	--	ND<0.05	--	5.1	0.51	0.52	1.73	--	--	ND<0 05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	--	ND<0.1	ND<0.05	0.15	ND<0.05	ND<0.05	ND<0.05
	1/28/1999	10	--	--	ND<0.05	--	3.3	0.11	0.47	1.84	--	--	ND<0 05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	--	ND<0.1	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05
	1/28/1999DUP	10	--	--	0.0052	--	3.1	0.12	0.53	2.08	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0 005	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.018
	7/19/1999	1.9	--	--	0.027	--	0.56	ND<0.01	0.11	0.23	--	--	ND<0 01	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	--	ND<0.01	ND<0.01	ND<0 005	ND<0.01	ND<0.01	ND<0.01
	1/11/2000	2.1	--	--	ND<0.01	--	0.27	ND<0.01	ND<0 01	0.014	--	--	ND<0 01	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	--	ND<0.01	ND<0.01	ND<0 005	ND<0.01	ND<0.01	ND<0.01
	8/3/2000	1.3	--	--	ND<0 005	--	0.4	ND<0 005	0.012	0.01	--	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	--	ND<0 005	ND<0.005	ND<0.0025	ND<0 005	ND<0 005	0.0082
MW-204	2/8/2001	1.2	--	--	ND<0 001	--	0.055	0.0014	ND<0 001	0.0015	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0014
	7/24/2001	1.2	--	--	0.0016	--	0.2	ND<0 001	0.012	0.0048	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0015	ND<0 001	--	ND<0 001	0.0047	ND<0.0005	ND<0 001	ND<0 001	0.0013
	5/9/2002	1.4	--	--	ND<0 002	170	0.25	0.037	0.12	0.289	--	--	ND<0.002	ND<0.002	ND<0.002	ND<2	0.0027	ND<0 002	--	ND<0 002	0.0035	ND<0 001	ND<0 002	ND<0 002	0.0057
	9/26/2002	0.56	--	--	ND<0 002	200	0.067	0.0025	0.019	0.0555	--	--	ND<0.002	ND<0.002	ND<0.002	ND<2	0.0036	ND<0 002	--	ND<0 002	ND<0.002	ND<0 001	ND<0 002	ND<0 002	0.005
	6/30/2004	0.26	--	--	ND<0 005	0.15	0.03	ND<0 005	0.0076	0.0065	ND<0 0005	0.006	ND<0.005	--	ND<0.005	--	0.004J	ND<0 005	ND<0.005	--	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.002J
W-7	8/4/2000	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.0005	ND<0.0005	ND<0.0001	--	ND<0.0001	0.0012	ND<0 001	ND<0 001	ND<0 001	ND<0.001
	2/8/2001	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	7/26/2001	ND<0.1	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	5/7/2002	ND<0.1	--	--	ND<0 001	ND<10	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	9/24/2002	ND<0.1	--	--	ND<0 001	ND<10	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
Operational Area 3	**Processing Area**																								
MW-104	6/1/1988	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	9/1/1988	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1992	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/1/1993	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/1993	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1993	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/1/1993	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1994	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1994	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	0.003	ND<0.002	ND<0 002	ND<0.002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	ND<0.5	--	--	--	--	0.003	0.0006	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	0.0027	--	--	--	--
	7/31/1996	ND<0.1	--	--	ND<0.01	--	0.0022	0.0018	ND<0 001	0.0027	--	--	ND<0.0003	--	ND<0.0003	--	0.0015	ND<0.0003	--	ND<0.0003	0.00058	0.00051	ND<0.0003	ND<0.0003	--
	12/16/1996	0.31	--	--	ND<0 002	--	0.0042	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0027	ND<0 001	--	ND<0 001	ND<0.001	ND<0 001	ND<0 001	ND<0 001	0.01
	1/20/1998	ND<0.1	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	8/18/1998	ND<0.1	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	1/27/1999	ND<0.1	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
MW-104A	7/19/1999	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0056	ND<0 001	--	ND<0 001	ND<0.001	0.0012	ND<0 001	ND<0 001	ND<0.001
	1/13/2000	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0067	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	8/2/2000	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0054	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	2/7/2001	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0042	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	7/25/2001	ND<0.1	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0039	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	5/7/2002	0.1	--	--	ND<0 001	31	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.0043	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	9/24/2002	ND<0.1	--	--	ND<0 001	20	ND<0.0005	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.0054	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	6/30/2004	ND<0.2	--	--	ND<0 005	0.03J	ND<0.005	ND<0 005	ND<0 005	ND<0.001	--	--	ND<0.005	--	ND<0.005	ND<0.005	0.0081	ND<0 005	ND<0.005	--	ND<0.005	ND<0 005	0.001J	ND<0 005	ND<0.005
MW-504	12/1/1993	--	--	--	--	--	11	1.3	1.8	9.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1994	--	--	--	--	--	8.6	2.1	ND<0.5	8.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	5.8	0.7	0.84	7.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	5.2	1.1	1.2	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	8	1.3	2.2	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	99	--	36.9	--	--	2.7	0.73	0.8	2.6	--	--	--	--	--	--	0.014	--	--	--	0.013	--	--	--	--
	8/1/1996	80	--	--	0.37	--	3.4	1.4	0.96	3.7	--	--	ND<0.001	--	ND<0.001	--	0.02	ND<0 001	--	ND<0 001	0.004	0.02	ND<0 001	ND<0 001	--
	12/18/1996	33	--	--	ND<0.05	--	6	2.8	1	3.3	--	--	ND<0 25	ND<0 25	ND<0.25	--	ND<0 25	ND<0.25	--	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
	1/21/1998	30	--	--	ND<0.25	--	4.6	0.94	0.75	2.08	--	--	ND<0 25	ND<0 25	ND<0.25	--	ND<0 25	ND<0.25	--	ND<0.5	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
	8/20/1998	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	1/28/1999	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	7/19/1999	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	1/10/2000	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	7/31/2000	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
	2/6/2001	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	7/24/2001	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	5/6/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
	9/23/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
Operational Area 4 West Tank Farm Area																									
MW-101	8/1/1985	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1988	--	--	--	--	--	**0.62**	ND<0 005	ND<0 005	**0.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	**0.31**	**0.01**	**0.034**	**0.013**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	**0.49**	**0.028**	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-101	6/1/1992	--	--	--	--	--	**0.44**	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	**0.34**	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	**0.29**	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	**0.2**	ND<0 005	ND<0 005	ND<0.025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	**0.062**	ND<0 005	**0.005**	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	**0.11**	ND<0 005	**0.11**	<0.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	**0.18**	ND<0 004	**0.18**	ND<0.004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	**2.4**	--	ND<5	--	--	**0.09**	**0.0059**	**0.0064**	**0.0029**	--	--	--	--	--	--	**0.045**	--	--	--	**0.0093**	**0.0018**	**0.067**	ND<0.0005	--
	7/31/1996	**2.3**	--	--	ND<0.01	--	**0.13**	**0.014**	**0.13**	**0.014**	--	--	ND<0.0003	--	ND<0.0003	--	**0.35**	ND<0.0003	--	ND<0.0003	**0.0086**	**0.0016**	**0.052**	ND<0.0003	--
	12/17/1996	**0.92**	--	--	ND<0 002	--	ND<0.025	ND<0.05	ND<0 025	ND<0.05	--	--	ND<0.025	ND<0.025	ND<0.025	--	**0.09**	ND<0 025	--	ND<0 025	ND<0.025	ND<0 025	**0.14**	ND<0 025	ND<0.025
	1/19/1998	**1.4**	--	--	ND<0 005	--	**0.065**	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.062**	ND<0 005	--	ND<0.01	**0.017**	ND<0 005	ND<50	ND<0 005	ND<0.005
	8/18/1998	**3.2**	--	--	--	--	**0.14**	ND<0 005	**0.015**	**0.0067**	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.052**	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	**0.092**	ND<0 005	**0.0064**
	1/26/1999	**3.2**	--	--	ND<0 005	--	**0.0684**	ND<0 005	**0.00708**	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.0719**	ND<0 005	--	ND<0.01	**0.0139**	ND<0 005	**0.0979**	ND<0 005	ND<0.005
	7/19/1999	**1.3**	--	--	ND<0 002	--	**0.022**	ND<0 002	**0.0024**	ND<0.002	--	--	ND<0.002	ND<0.002	ND<0.002	--	**0.057**	ND<0 002	--	ND<0 002	**0.018**	ND<0 001	**0.15**	ND<0 002	ND<0.002
	1/10/2000	**0.69**	--	--	ND<0 001	--	**0.0092**	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	**0.025**	ND<0 001	--	ND<0 001	**0.012**	**0.0026**	**0.13**	ND<0 001	ND<0.001
	8/3/2000	ND<0.5	--	--	ND<0 002	--	**0.024**	ND<0 002	ND<0 002	ND<0.002	--	--	ND<0.002	ND<0.002	ND<0.002	ND<0.002	**0.033**	ND<0 002	--	ND<0 002	**0.015**	**0.0036**	**0.092**	ND<0 002	ND<0.002
	2/9/2001	**0.6**	--	--	ND<0 005	--	**0.026**	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	**0.021**	ND<0 005	--	ND<0 005	**0.0075**	ND<0.0025	**0.032**	ND<0 005	ND<0.005
	7/26/2001	**0.69**	--	--	ND<0 001	--	**0.025**	ND<0 001	**0.0025**	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	**0.028**	ND<0 001	--	ND<0 001	**0.0082**	ND<0 005	**0.03**	ND<0 001	**0.0011**
	5/8/2002	**0.58**	--	--	ND<0 001	ND<10	**0.017**	ND<0 001	**0.0013**	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	**0.016**	ND<0 001	--	ND<0 001	**0.0029**	ND<0.0005	**0.016**	ND<0 001	ND<0.001
	9/25/2002	**0.57**	--	--	ND<0 001	27	**0.031**	ND<0 001	**0.0012**	**0.0011**	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	**0.014**	ND<0 001	--	ND<0 001	**0.003**	ND<0.0005	**0.018**	ND<0 001	**0.0012**
MW-105	12/21/1995	ND<0.5	--	ND<10	--	--	**0.011**	**0.0017**	**0.00081**	**0.0037**	--	--	--	--	--	--	**0.0094**	--	--	--	**0.0045**	**0.0033**	**0.013**	--	--
	7/31/1996	**0.65**	--	--	ND<0.01	--	**0.091**	**0.0018**	**0.002**	**0.0018**	--	--	ND<0.003	--	ND<0.0003	--	**0.0084**	ND<0.0003	--	ND<0.0003	**0.012**	**0.0014**	**0.02**	ND<0.0003	--
	12/16/1996	**0.24**	--	--	ND<0 002	--	**0.014**	ND<0 005	ND<0 005	ND<0.01	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.01**	ND<0 005	--	ND<0 005	ND<0.005	ND<0 005	**0.05**	ND<0 005	ND<0.005
	1/20/1998	**0.51**	--	--	ND<0 005	--	**0.021**	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.025**	ND<0 005	--	ND<0.01	**0.022**	ND<0 005	**0.14**	ND<0 005	ND<0.005
	8/18/1998	**0.68**	--	--	--	--	**0.0536**	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.0253**	ND<0 005	--	ND<0.01	**0.0154**	ND<0 005	**0.108**	ND<0 005	ND<0.005
	1/25/1999	**0.53**	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.022**	ND<0 005	--	ND<0.01	**0.014**	ND<0 005	**0.117**	ND<0 005	ND<0.005
	7/19/1999	**0.61**	--	--	ND<0 001	--	**0.0048**	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	**0.029**	ND<0 001	--	ND<0 001	**0.016**	**0.0034**	**0.13**	ND<0 001	ND<0.001
	1/10/2000	**0.9**	--	--	ND<0 005	--	**0.061**	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.04**	ND<0 005	--	ND<0 005	**0.02**	**0.004**	**0.1**	ND<0 005	ND<0.005
	7/31/2000	**0.58**	--	--	ND<0 005	--	**0.052**	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	**0.052**	ND<0 005	--	ND<0 005	**0.014**	**0.0095**	**0.062**	ND<0 005	ND<0.005
	2/6/2001	**0.61**	--	--	ND<0 005	--	ND<0.0025	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	**0.033**	ND<0 005	--	ND<0 005	**0.012**	ND<0.0025	**0.032**	ND<0 005	ND<0.005
	7/24/2001	**0.21**	--	--	ND<0 001	--	**0.001**	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	**0.018**	ND<0 001	--	ND<0 001	**0.009**	**0.0015**	**0.017**	ND<0 001	ND<0.001
	5/7/2002	**0.53**	--	--	ND<0 001	**27**	**0.0011**	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	**0.014**	ND<0 001	--	ND<0 001	**0.0044**	ND<0.0005	**0.01**	ND<0 001	ND<0.001
	9/24/2002	ND<0.1	--	--	ND<0 001	ND<10	**0.0014**	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	**0.025**	ND<0 001	--	ND<0 001	**0.0049**	**0.0014**	**0.01**	ND<0 001	ND<0.001
	6/30/2004	**0.27**	--	--	ND<0 005	ND<0.1	ND<0.005	ND<0 005	ND<0 005	ND<0.001	--	--	ND<0.005	--	ND<0.005	--	**0.015**	ND<0 005	ND<0.005	--	**.001J**	ND<0 005	**0.018**	ND<0 005	ND<0.005
MW-201	8/1/1985	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1988	--	--	--	--	--	**1**	**0.15**	ND<0 005	**0.25**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	**0.52**	**0.21**	**0.11**	**0.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	**0.42**	**0.065**	**0.019**	**0.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	**0.21**	**0.027**	**0.024**	**0.047**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	**0.35**	ND<0 005	ND<0 005	**0.05**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	**0.83**	**0.1**	**0.032**	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	**0.51**	**0.076**	**0.024**	**0.17**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	**0.35**	**0.038**	**0.029**	**0.085**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	**0.82**	**0.049**	**0.084**	**0.083**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	**0.34**	**0.015**	**0.02**	**0.073**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	**0.24**	**0.012**	**0.007**	**0.055**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	**0.5**	ND<0 005	ND<0 005	**0.24**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	**0.53**	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	**0.37**	ND<0 005	ND<0 005	**0.13**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	**0.34**	**0.01**	**0.009**	**0.08**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	**0.025**	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	**0.35**	ND<0 005	ND<0 005	**0.13**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	**1.15**	ND<0 005	ND<0 005	**0.56**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	**0.56**	**0.077**	ND<0 05	**0.41**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	**1.3**	**0.066**	**0.5**	**0.56**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	**0.29**	ND<0 005	ND<0 005	ND<0.015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	**1.1**	**0.028**	**0.13**	**0.14**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	**9**	--	ND<5	--	--	**0.44**	**0.042**	**0.12**	**0.094**	--	--	--	--	--	--	**0.044**	--	--	--	**0.0094**	**0.0044**	**0.087**	**0.00081**	--
	7/31/1996	ND<0.1	--	--	ND<0.01	--	**0.48**	**0.02**	**0.032**	**0.025**	--	--	ND<0.0003	--	ND<0.0003	--	**0.034**	ND<0.0003	--	ND<0.0003	**0.0094**	**0.0027**	**0.098**	ND<0.0003	--
	12/17/1996	**3.7**	--	--	ND<0.01	--	**0.11**	**0.012**	**0.096**	**0.121**	--	--	ND<0 01	ND<0 01	ND<0.01	--	**0.089**	ND<0.01	--	ND<0.01	ND<0.01	ND<0.01	**0.17**	ND<0.01	**0.021**
	1/21/1998	**2.6**	--	--	ND<0 005	--	**0.22**	**0.014**	**0.087**	**0.017**	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.064**	ND<0 005	--	ND<0.01	**0.01**	ND<0 005	**0.1**	ND<0 005	**0.019**
	1/21/1998DUP	**2.1**	--	--	ND<0 005	--	**0.25**	**0.012**	**0.069**	**0.016**	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.071**	ND<0 005	--	ND<0.01	**0.0099**	ND<0 005	**0.074**	ND<0 005	**0.018**
	8/18/1998	**2.6**	--	--	--	--	**0.44**	**0.0086**	**0.02**	**0.013**	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.063**	ND<0 005	--	ND<0.01	**0.0063**	ND<0 005	**0.046**	ND<0 005	**0.0051**
	7/19/1999	**2.8**	--	--	ND<0 005	--	**0.16**	**0.029**	**0.069**	**0.0546**	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.063**	ND<0 005	--	ND<0 005	**0.0093**	ND<0.0025	**0.061**	ND<0 005	**0.021**
	1/12/2000	**5.1**	--	--	ND<0 006	--	**0.52**	**0.014**	**0.053**	**0.016**	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.043**	ND<0 005	--	ND<0 005	ND<0.005	ND<0.0025	**0.019**	ND<0 005	**0.016**

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
	8/4/2000	2.9	--	--	ND<0 007	--	0.57	0.015	0.061	0.021	--	--	ND<0.005	ND<0.005	ND<0.005	ND<0.0005	0.076	ND<0 005	--	ND<0 005	ND<0.005	ND<0.0025	0.019	ND<0 005	0.012
	2/9/2001	2.2	--	--	ND<0 008	--	0.31	0.012	0.13	0.014	--	--	ND<0 01	ND<0 01	ND<0.01	ND<0.01	0.1	ND<0.01	--	ND<0.01	ND<0.01	ND<0 005	0.022	ND<0.01	0.026
	7/26/2001	3.2	--	--	ND<0.01	--	0.18	0.0096	0.056	0.0247	--	--	ND<0 01	ND<0 01	ND<0.01	--	0.057	ND<0.01	--	ND<0.01	0.023	ND<0 005	0.013	ND<0.01	0.014
	5/9/2002	1.8	--	--	0.0051	ND<20	0.12	0.0066	0.045	0.02	--	--	ND<0.002	ND<0.002	ND<0.002	ND<2	0.033	ND<0 002	--	ND<0 002	ND<0.002	ND<0 001	0.0064	ND<0 002	0.0088
	9/26/2002	0.89	--	--	ND<0 001	ND<10	0.011	0.011	0.068	0.0343	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.027	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	0.0072	ND<0 001	0.01
	6/30/2004	1.7	--	--	ND<0 005	ND<0.1	0.12	0.012	0.21E	0.071	0.013	0.058	ND<0.005	--	ND<0.005	ND<0.005	0.021	ND<0 005	ND<0.005	--	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.027
MW-205	6/1/1988	--	--	--	--	--	0.013	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	0.027	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	0.12	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	0.04	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	0.12	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	0.081	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-205	12/1/1989	--	--	--	--	--	0.17	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	0.14	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	0.056	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	0.045	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	0.047	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	0.04	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	0.043	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	0.085	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1992	--	--	--	--	--	0.035	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	0.006	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	0.01	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/1/1993	--	--	--	--	--	0.022	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/1993	--	--	--	--	--	0.022	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/1/1993	--	--	--	--	--	0.032	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	0.0053	ND<0 002	ND<0 002	ND<0.002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	2.1	--	ND<5	--	--	0.11	0.0013	0.018	0.037	--	--	--	--	--	--	0.051	--	--	--	0.0073	0.002	0.022	--	--
	7/31/1996	ND<0.1	--	--	ND<0.01	--	0.0051	ND<0 002	ND<0 002	ND<0.002	--	--	ND<0.0003	--	ND<0.0003	--	0.03	ND<0.0003	--	ND<0.0003	0.0028	ND<0.0003	0.014	ND<0.0003	--
	12/16/1996	0.27	--	--	0.002	--	ND<0.002	ND<0 002	ND<0 002	ND<0.004	--	--	ND<0.002	ND<0.002	ND<0.002	--	0.035	ND<0 002	--	ND<0 002	ND<0.002	ND<0 002	0.0071	ND<0 002	ND<0.002
	1/20/1998	0.19	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.027	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	0.0087	ND<0 005	ND<0.005
	8/21/1998	0.017	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.032	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	0.01	ND<0 005	ND<0.005
	1/26/1999	0.22	--	--	ND<0 005	--	0.00687	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.0261	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	7/19/1999	ND<0.5	--	--	ND<0 001	--	0.01	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.023	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	0.0026	ND<0 001	ND<0.001
	1/11/2000	0.79	--	--	ND<0 001	--	0.026	0.0013	0.002	0.0043	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.013	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0023
	8/2/2000	ND<0.5	--	--	--	--	0.011	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.006	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	2/7/2001	0.54	--	--	ND<0 001	--	0.037	ND<0 001	0.012	0.0024	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0052	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0016
	7/26/2001	0.38	--	--	ND<0 001	--	0.021	ND<0 001	0.0011	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.017	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	0.0015	ND<0 001	ND<0.001
	5/8/2002	0.26	--	--	ND<0 001	ND<10	0.0097	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.022	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	0.0011	ND<0 001	ND<0.001
	9/25/2002	0.3	--	--	ND<0 001	4	0.024	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.01	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	6/30/2004	ND<0.2	--	--	ND<0 005	ND<0.1	0.003J	ND<0 005	ND<0 005	ND<0.001	ND<0 0005	ND<0.0005	ND<0.005	--	ND<0.005	--	0.0065	ND<0 005	ND<0.005	ND<0 005	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
W-8	8/4/2000	ND<0.5	--	--	ND<0 001	--	0.0028	<0 0046	ND<0 001	ND<0.0029	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	2/6/2001	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	7/26/2001	0.18	--	--	ND<0 001	--	0.00067	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 005	ND<0 001	ND<0 001	ND<0.001
	5/7/2002	0.18	--	--	ND<0 001	ND<10	0.00051	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 005	ND<0 001	ND<0 001	ND<0.001
	9/24/2002	ND<0.1	--	--	ND<0 001	ND<10	0.00064	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 005	ND<0 001	ND<0 001	ND<0.001
	7/1/2004	0.39	--	--	ND<0 005	ND<0.1	0.0019J	0.0018	0.00072	0.00142	ND<0 0005	0.00092	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	--	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
Operational Area 5 Lakeland Property																									
MW-206	6/1/1988	--	--	--	--	--	5.8	2.4	2.1	4.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	9/1/1988	--	--	--	--	--	4.2	1	2	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	4.3	0.92	2.1	5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	2.7	3.2	2.4	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	3.1	1.2	2.3	8.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	4.5	0.62	2.4	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	3.2	1	2	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	3.7	1.7	2.6	9.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	3.7	0.96	2	6.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	5.1	2.1	2.3	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	7.1	2.1	2.4	8.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	4.9	2.6	2.2	9.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	5.22	1.08	2.4	6.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	4.5	2.1	2	5.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	3.4	0.72	2.5	4.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1992	--	--	--	--	--	2	0.47	2.5	4.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	3.2	0.42	2.1	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	9.9	1.4	3.2	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	13	2	6	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	8.4	4.9	1.8	9.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	9	0.72	2	5.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
	9/1/1995	--	--	--	--	--	**6.2**	**0.8**	**1.6**	**3.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	**12**	--	ND<5	--	--	**0.11**	**0.016**	**0.032**	**0.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	**33**	--	--	**0.51**	--	**0.57**	**0.11**	**0.42**	**0.49**	--	--	ND<0.0003	--	ND<0.0003	--	**0.02**	ND<0.0003	--	ND<0.0003	**0.0088**	**0.0058**	**0.022**	ND<0.0003	--
	12/18/1996	**8.2**	--	--	ND<0.02	--	**2.2**	ND<0.1	**1.2**	**0.34**	--	--	ND<0.1	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
	1/21/1998	**13**	--	--	ND<0 005	--	**1.5**	**0.29**	**1.6**	**0.78**	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.13**	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	**0.082**	ND<0 005	**0.085**
	8/20/1998	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
MW-501	3/1/1995	--	--	--	--	--	**4.2**	**0.23**	**1**	**2.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Destroyed	9/1/1995	--	--	--	--	--	**2.4**	**0.27**	ND<0.2	ND<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	**69**	--	**19.9**	--	--	**1.6**	**0.1**	**0.88**	**2.2**	--	--	--	--	--	--	**0.0085**	--	--	--	**0.0016**	**0.0032**	**0.001**	**0.0013**	--
	7/31/1996	**18**	--	--	**0.18**	--	**1.7**	**0.073**	**0.22**	**1.1**	--	--	ND<0.0003	--	ND<0.0003	--	**0.0072**	ND<0.0003	--	ND<0.0003	**0.00081**	**0.0013**	ND<0.0003	**0.001**	--
	12/18/1996	**6.8**	--	--	ND<0.01	--	**1.2**	ND<0.05	**0.51**	**0.65**	--	--	ND<0 05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	--	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	**0.092**
	1/21/1998	**0.95**	--	--	ND<0 005	--	**0.26**	ND<0 005	**0.011**	**0.023**	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	8/20/1998	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	1/26/1999	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
MW-501-A	7/19/1999	7.5	--	--	ND<0 025	--	1.3	ND<0 025	ND<0 025	0.025	--	--	ND<0.025	ND<0.025	ND<0.025	--	ND<0.025	ND<0 025	--	ND<0 025	ND<0.025	<0.013	<0.013	<0.013	0.041
	1/13/2000	9.2	--	--	ND<0.01	--	1.6	0.018	ND<0 01	0.023	--	--	ND<0 01	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	--	ND<0.01	ND<0.01	ND<0 005	ND<0.01	ND<0.01	0.034
	8/2/2000	7.1	--	--	--	--	0.98	0.011	0.012	0.014	--	--	ND<0 01	ND<0 01	ND<0.01	ND<0.01	ND<0 01	ND<0.01	--	ND<0.01	ND<0.01	ND<0 005	ND<0.01	ND<0.01	0.085
	2/7/2001	6.6	--	--	ND<0.01	--	0.68	ND<0.01	0.01	ND<0.01	--	--	ND<0 01	ND<0 01	ND<0.01	ND<0.01	ND<0 01	ND<0.01	--	ND<0.01	ND<0.01	ND<0 005	ND<0.01	ND<0.01	0.09
	7/25/2001	5.7	--	--	0.085	--	0.14	ND<0.01	ND<0 01	ND<0.01	--	--	ND<0 01	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	--	ND<0.01	0.013	ND<0 005	ND<0.01	0.011	0.098
	5/8/2002	7	--	--	0.13	ND<20	0.69	0.0043	0.0068	0.0059	--	--	ND<0.002	ND<0.002	ND<0.002	ND<2	ND<0.002	ND<0 002	--	ND<0 002	0.0042	ND<0 001	ND<0 002	0.007	0.1
	9/26/2002	6.5	--	--	0.57	ND<100	0.52	ND<0.01	ND<0 01	ND<0.02	--	--	ND<0 01	ND<0 01	ND<0.01	ND<10	ND<0 01	ND<0.01	--	ND<0.01	ND<0.01	ND<0 005	ND<0.01	ND<0.01	0.18
MW-502	6/1/1988	--	--	--	--	--	0.95	0.079	0.062	0.016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	1.3	0.18	2.8	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	6.5	0.86	1.5	5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	5.3	1.2	1.9	7.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1994	--	--	--	--	--	9.8	0.86	1.9	3.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	8.4	1.6	1.6	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	18	0.48	2.1	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	15	0.69	3.3	8.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	220	--	41.1	--	--	6.9	0.95	3.3	8.5	--	--	--	--	--	--	0.0069	--	--	--	0.00089	0.0061	--	--	0.0011
	7/13/1996	110	--	--	1	--	13	0.4	1.8	6.8	--	--	ND<0.0003	--	ND<0.0003	--	0.0068	ND<0.0003	--	ND<0.0003	ND<0.0003	0.012	0.00076	ND<0.0003	--
	12/18/1996	30	--	--	ND<0.01	--	11	ND<0.5	2.1	0.57	--	--	ND<0.5	ND<0.5	ND<0 5	--	ND<0.5	ND<0.5	--	ND<0.5	ND<0 5	ND<0.5	ND<0.5	ND<0.5	ND<0 5
	1/22/1998	24	--	--	70	--	7.8	0.13	1.3	0.921	--	--	ND<0.025	ND<0.025	ND<0.025	--	ND<0.025	ND<0 025	--	ND<0 025	ND<0.025	ND<0 025	ND<0 025	ND<0 025	0.09
	8/19/1998	86	--	--	290	--	12	0.1	1.4	0.953	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.01	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.067
	1/26/1999	120	--	--	119	--	8.8	0.0804	1.03	0.554	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.0104	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.0767
	7/19/1999	48	--	--	92	--	11	ND<5	ND<5	ND<5	--	--	ND<5	ND<5	ND<5	--	ND<5	ND<5	--	ND<5	ND<5	ND<2.5	ND<5	ND<5	ND<5
	1/13/2000	25	--	--	8.7	--	8.1	ND<1	ND<1	ND<1	--	--	ND<1	ND<1	ND<1	--	ND<1	ND<1	--	ND<1	ND<1	ND<0.5	ND<1	ND<1	ND<1
	8/2/2000	23	--	--	4.5	--	6.3	0.1	0.25	0.2	--	--	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.05	ND<0.1	ND<0.1	ND<1
	2/7/2001	18	--	--	6.5	--	5	0.082	0.23	ND<0.05	--	--	ND<0 05	ND<0 05	ND<0.05	ND<0.05	ND<0 05	ND<0.05	--	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.062
	7/25/2001	24	--	--	18	--	6.5	0.17	0.4	0.513	--	--	ND<0 05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	--	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.062
	5/9/2002	25	--	--	14	ND<2000	4.3	ND<0.2	0.39	0.23	--	--	ND<0.2	ND<0.2	ND<0 2	ND<200	ND<0.2	ND<0.2	--	ND<0.2	ND<0 2	ND<0.1	ND<0.2	ND<0.2	ND<0 2
	9/26/2002	11	--	--	9.4	ND<1000	4	ND<0.1	0.54	0.23	--	--	ND<0.1	ND<0.1	ND<0.1	ND<100	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.05	ND<0.1	ND<0.1	ND<0.1
MW-503	6/1/1988	--	--	--	--	--	0.6	0.14	0.34	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	9/1/1988	--	--	--	--	--	0.8	0.28	0.3	0.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	1.5	0.57	0.38	0.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	0.4	0.19	0.36	0.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	0.6	0.34	0.63	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	0.99	0.55	0.2	0.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	0.27	0.18	0.18	0.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	0.31	0.14	0.14	0.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	0.034	0.024	0.11	0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	0.17	0.11	0.14	0.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	2.1	1.3	0.1	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	0.9	0.65	0.25	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	1.04	0.7	0.33	1.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	3.3	0.75	0.34	1.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	2.9	0.4	ND<0 25	1.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	0.24	0.022	0.066	0.079	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	0.39	0.055	0.1	0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	0.53	0.093	0.13	0.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	8.2	--	ND<5	--	--	0.34	0.079	0.19	0.2	--	--	--	--	--	--	0.038	--	--	--	0.015	0.0065	0.12	0.00072	--
	7/31/1996	5.1	--	--	ND<0.01	--	0.15	0.049	0.025	0.084	--	--	ND<0.0003	--	ND<0.0003	--	0.036	ND<0.0003	--	ND<0.0003	0.015	0.0031	0.15	ND<0.0003	--
	12/18/1996	4.6	--	--	ND<0.02	--	0.21	0.019	0.14	0.056	--	--	ND<0 01	ND<0 01	ND<0.01	--	0.04	ND<0.01	--	ND<0.01	ND<0.01	ND<0.01	0.32	ND<0.01	0.044
	1/21/1998	3.1	--	--	ND<0 005	--	0.21	0.031	0.28	0.063	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.067	ND<0 005	--	ND<0.01	0.0096	ND<0 005	0.21	ND<0 005	0.053
	8/19/1998	0.96	--	--	--	--	0.072	0.0079	0.053	0.0076	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.041	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	0.037	ND<0 005	0.011
MW-503B	2/9/1999	10	--	--	--	--	0.97	ND<0.05	0.42	ND<0.05	--	--	ND<0 05	ND<0 05	ND<0.05	--	0.11	ND<0.05	--	ND<0.1	ND<0.05	ND<0.05	0.061	ND<0.05	0.05
	7/19/1999	7.8	--	--	ND<0.02	--	0.63	ND<0.02	0.54	ND<0.02	--	--	ND<0 02	ND<0 02	ND<0.02	--	0.18	ND<0.02	--	ND<0.02	ND<0.02	ND<0.01	0.082	ND<0.02	0.073
	1/14/2000	14	--	--	ND<0.02	--	1	0.032	0.87	0.14	--	--	ND<0 02	ND<0 02	ND<0.02	--	0.21	ND<0.02	--	ND<0.02	ND<0.02	ND<0.01	0.09	ND<0.02	0.083
	8/4/2000	5.6	--	--	ND<0.01	--	0.61	0.019	0.5	0.035	--	--	ND<0 01	ND<0 01	ND<0.01	ND<0.01	0.14	ND<0.01	--	ND<0.01	ND<0.01	ND<0 005	0.036	ND<0.01	0.068
	2/6/2001	5.8	--	--	ND<0.02	--	0.25	ND<0.02	0.32	0.041	--	--	ND<0 02	ND<0 02	ND<0.02	ND<0.02	0.084	ND<0.02	--	ND<0.02	ND<0.02	ND<0.01	0.025	ND<0.02	0.089
	7/25/2001	5.7	--	--	ND<0.05	--	0.28	ND<0.05	0.23	ND<0.05	--	--	ND<0 05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	--	ND<0.05	ND<0.05	ND<0 025	ND<0.05	ND<0.05	0.062
	5/9/2002	4.5	--	--	ND<0 002	ND<20	0.081	0.0035	0.077	0.0345	--	--	ND<0.002	ND<0.002	0.0027	ND<2	0.023	ND<0 002	--	ND<0 002	ND<0.002	ND<0 001	0.005	ND<0 002	0.086
	9/26/2002	3.3	--	--	ND<0 001	ND<10	0.036	0.0096	0.14	0.056	--	--	ND<0.001	ND<0.001	0.0017	ND<1	0.018	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	0.0011	ND<0 001	0.095
	7/1/2004	5.9	--	--	ND<0 005	ND<0.1	0.16	0.037	0.089	0.0425	ND<0 0005	0.042	ND<0.005	--	ND<0.005	ND<0.005	0.003J	ND<0 005	ND<0.005	ND<0 005	ND<0.005	ND<0 005	ND<0.005	ND<0 005	0.016
Operational Area 6 Former AST Area at Walker Property																									
W-3	11/1/1989	--	ND<1	--	--	--	0.019	0.0026	0.0076	0.013	--	--	ND<0.0005	ND<0.0005	ND<0.0005	--	--	--	--	--	0.0025(A)	ND<0.0005	ND<0.0005	ND<0.0005	--
Abandoned	1/1/1990	--	--	--	--	--	ND<0.0005	ND<0.0005	ND<0.0005	0.0033	--	--	ND<0.001	ND<0.001	ND<0.0005	--	--	ND<0 002	--	ND<0 002	0.001	ND<0.0005	ND<0.0005	ND<0.0005	--
	3/1/1990	--	--	--	--	--	0.0053	0.0045	ND<0.0005	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.0005	--	--	ND<0 002	--	ND<0 002	0.0005	ND<0.0005	ND<0.0005	ND<0.0005	--
	4/1/1990	--	--	--	--	--	0.0034	0.0045	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.0005	--	ND<0.005	ND<0 002	--	ND<0 002	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	--
	12/18/1996	1.3	--	--	ND<0.01	--	0.59	ND<0.025	ND<0 025	ND<0.05	--	--	ND<0.025	ND<0.025	ND<0.025	--	ND<0.025	ND<0 025	--	ND<0 025	ND<0.025	ND<0 025	ND<0 025	ND<0 025	ND<0.025
	1/13/1998	2.2	--	--	ND<0 005	--	0.28	ND<0.005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	0.006	ND<0 005	ND<0 005	ND<0 005	0.027
	8/20/1998	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
W-3A	1/13/1998	4300	--	--	ND<200	--	150	ND<6	35	ND<12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/20/1998	1.1	--	--	0.44	--	0.22	ND<0.025	0.033	ND<0.025	--	--	ND<0.025	ND<0.025	ND<0.025	--	ND<0.025	ND<0 025	--	ND<0.05	ND<0.025	ND<0 025	ND<0 025	ND<0 025	ND<0.025
	1/28/1999	0.69	--	--	0.34	--	0.16	ND<0.05	ND<0 05	ND<0.05	--	--	ND<0 05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	--	ND<0.1	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05
	7/19/1999	5.4	--	--	0.38	--	0.12	ND<0.02	ND<0 02	ND<0.02	--	--	ND<0 02	ND<0 02	ND<0.02	--	ND<0 02	ND<0.02	--	ND<0.02	ND<0.02	ND<0.01	ND<0.02	ND<0.02	0.021
	1/13/2000	14	--	--	0.21	--	0.14	ND<0.01	ND<0 01	ND<0.01	--	--	ND<0 01	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	--	ND<0.01	ND<0.01	ND<0 005	ND<0.01	ND<0.01	ND<0.01
	8/4/2000	3.4	--	--	0.22	--	0.17	ND<0.02	0.0084	ND<0.02	--	--	ND<0 02	ND<0 02	ND<0.02	0.0024	ND<0 02	ND<0.02	--	ND<0.02	ND<0.02	ND<0 001	ND<0.02	ND<0.02	0.014

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
	2/8/2001	**2.7**	--	--	**0.012**	--	**0.034**	ND<0 001	**0.0029**	**0.0031**	--	--	ND<0.001	ND<0.001	ND<0.001	**0.0024**	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	**0.011**
	7/26/2001	**3.4**	--	--	**0.0062**	--	**0.042**	ND<0 001	**0.0017**	ND<0.01	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	**0.021**
	5/6/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
	9/25/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
Off-Site Wells Walker Property																									
W-1	11/1/1989	--	ND<1	3.6	--	--	0.39	0.0039	0.0021	0.0064	--	--	ND<0.0005	ND<0.0006	ND<0.0005(A)	--	--	--	--	--	0.0035(A)	ND<0.0005(A)	<0.0006(A)	ND<0.0005(A)	--
	3/1/1990	--	--	--	--	--	0.14	ND<0 005	ND<0 005	ND<0.02	--	--	ND<0 01	ND<0 01	ND<0.005	--	--	ND<0.02	--	ND<0.02	ND<0.005	ND<0 005	ND<0 005	ND<0 005	--
	4/1/1990	--	--	--	--	--	0.2	0.012	0.012	0.0027	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.025	ND<0.02	--	ND<0.02	0.0016	ND<0 005	ND<0 005	ND<0 005	--
	12/18/1996	0.8	--	--	ND<0.01	--	0.078	ND<0 005	ND<0 005	ND<0.01	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0 005	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.027
	1/14/1998	1.1	--	--	ND<0 005	--	0.062	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.019
	8/20/1998	1.2	--	--	0.014	--	0.079	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.0086	ND<0 005	--	ND<0.01	0.0084	ND<0 005	ND<0 005	ND<0 005	0.027
	1/29/1999	1.4	--	--	ND<0 005	--	0.057	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.024
	7/19/1999	1.5	--	--	ND<0 002	--	0.048	ND<0 002	ND<0 002	ND<0.002	--	--	ND<0.002	ND<0.002	ND<0.002	--	ND<0.002	ND<0 002	--	ND<0 002	ND<0.002	ND<0 001	ND<0 002	ND<0 002	0.019
	1/1300	1.7	--	--	0.0027	--	0.046	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0012	ND<0 001	--	ND<0 001	0.0015	ND<0.0005	ND<0 001	ND<0 001	0.021
	8/3/2000	0.88	--	--	0.01	--	0.029	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0016	ND<0 001	--	ND<0 001	0.0016	ND<0.0005	ND<0 001	ND<0 001	0.018
	2/8/2001	ND<0.5	--	--	0.068	--	0.021	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0023	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0056
	7/26/2001	0.62	--	--	0.062	--	0.018	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0028	ND<0 001	--	ND<0 001	0.0018	ND<0.0005	ND<0 001	ND<0 001	0.01
	5/8/2002	0.28	--	--	0.0059	44	0.0077	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.0031	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0033
	9/25/2002	0.21	--	--	0.0019	30	0.012	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	0.0065	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0051
	7/1/2004	0.46	--	--	0.003J	ND<0.1	0.014	0.0028	0.0015	ND<0.001	ND<0 0005	ND<0.0005	ND<0.005	--	ND<0.005	ND<0.005	0.0093	ND<0 005	ND<0.005	--	0.001J	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	10/6/2005	0.31	--	--	0.025	0.034	0.043	ND<0 001	ND<0 001	ND<0.001	ND<0.001	ND<0 001	--	--	--	0.0012	--	--	--	--	ND<0.001	ND<0.0005	ND<0 001	--	0.0044
	2/15/2006	0.266	--	--	0.022	0.037	0.032	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0 005	--	--	ND<0.005	ND<0.005	ND<0.005	--	--	--	ND<0.005	ND<0 005	ND<0 005	--	0.0043J
	8/3/2006	1.1	--	--	0.077	0.1	0.086	ND<0.002	ND<0 002	ND<0.004	ND<0.002	ND<0 002	--	--	ND<0.002	ND<0.005	ND<0.002	--	--	--	ND<0.002	ND<0 002	ND<0 005	--	0.018
W-2	11/1/1989	--	ND<1	--	--	--	0.078	0.0065	0.0065	0.005	--	--	ND<0.0005	ND<0.0005	ND<0.0005(A)	--	--	--	--	--	0.0043(A)	ND<0.0005(A)	ND<0.0005(A)	ND<0.0005(A)	--
Abandoned	3/1/1990	--	--	--	--	--	0.062	ND<0.0005	ND<0.0005	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.0005	--	--	ND<0 002	--	ND<0 002	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	--
	4/1/1990	--	--	--	--	--	0.083	0.026	0.004	0.0015	--	--	ND<0.005	ND<0.005	ND<0.0025	--	0.013	ND<0 001	--	ND<0.01	0.003	ND<0.0025	ND<0.0025	ND<0.0025	--
	12/18/1996	0.56	--	--	ND<0 002	--	0.056	ND<0 002	ND<0 002	ND<0.004	--	--	ND<0.002	ND<0.002	ND<0.002	--	0.013	ND<0 002	--	ND<0 002	ND<0.002	ND<0 002	ND<0 002	ND<0 002	0.018
	1/14/1998	0.7	--	--	ND<0 005	--	0.085	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.017	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.015
	8/20/1998	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
W-4	3/1/1990	--	--	--	--	--	0.12	ND<0.0005	0.019	ND<0.0005	--	--	ND<0.0005	ND<0.0005	ND<0.0005	--	0.0032	ND<0.0005	--	ND<0.0005	0.0083	ND<0.0005	ND<0.0005	ND<0.0005	--
	4/1/1990	--	--	--	--	--	0.028	0.0014	0.0048	0.0022	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.00081	ND<0 001	--	ND<0.0005	0.0022	ND<0 001	ND<0 001	ND<0 001	--
	12/18/1996	0.42	--	--	ND<0.01	--	0.08	ND<0 005	ND<0 005	ND<0.01	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0 005	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.019
	1/14/1998	0.92	--	--	ND<0 005	--	0.12	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.028
	8/20/1998	0.5	--	--	0.018	--	0.057	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.026
	1/29/1999	0.46	--	--	0.02	--	0.055	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.018
	7/19/1999	0.71	--	--	ND<0 002	--	0.072	ND<0 002	ND<0 002	ND<0.002	--	--	ND<0.002	ND<0.002	ND<0.002	--	ND<0.002	ND<0 002	--	ND<0 002	ND<0.002	ND<0 001	ND<0 002	ND<0 002	0.014
	1/13/2000	0.66	--	--	ND<0 001	--	0.049	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0013	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0028
	8/3/2000	ND<0.5	--	--	--	--	0.047	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	0.0016	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0088
	2/8/2001	ND<0.5	--	--	ND<0 001	--	0.042	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	0.0016	ND<0.001	ND<0 001	--	ND<0 001	0.0011	0.00067	ND<0 001	ND<0 001	0.0075
	7/26/2001	0.32	--	--	ND<0 001	--	0.042	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	0.001	ND<0.0005	ND<0 001	ND<0 001	0.0083
	5/8/2002	0.25	--	--	ND<0 001	60	0.033	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	ND<0.001	ND<0 001	--	ND<0 001	0.0013	ND<0.0005	ND<0 001	ND<0 001	0.0045
	9/25/2002	0.29	--	--	ND<0 001	45	0.062	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	2.6	ND<0.001	ND<0 001	--	ND<0 001	0.002	ND<0.0005	ND<0 001	ND<0 001	0.008
	7/1/2004	0.35	--	--	ND<0 005	ND<0.1	0.03	0.0026	0.0019	0.00116	ND<0 0005	0.00066	ND<0.005	--	ND<0.005	ND<0.005	0.003J	ND<0 005	ND<0.005	--	0.002J	ND<0 005	ND<0 005	ND<0 001	0.004
	10/6/2005	0.35	--	--	ND<0 001	0.047	0.031	ND<0 001	ND<0 001	ND<0.001	ND<0.001	ND<0 001	--	--	--	ND<0.001	0.0064	--	--	--	0.0017	ND<0.0005	ND<0 001	--	0.0059
	2/15/2006	0.501	--	--	ND<0 001	0.038	0.043	ND<0 005	ND<0 005	ND<0.005	ND<0.005	ND<0 005	--	--	ND<0.005	ND<0.005	0.0028J	--	--	--	0.0025J	ND<0 005	ND<0 005	--	0.012
	8/3/2006	2.8	--	--	ND<0 005	ND<0 05	0.0035	ND<0 002	ND<0 002	ND<0.004	ND<0.002	ND<0 002	--	--	ND<0.002	ND<0.005	0.0045	--	--	--	ND<0.002	ND<0 002	ND<0 005	--	0.0025
EW-1	11/1/1989	9.8	--	--	--	--	0.73	0.016	1.4(A)	1(A)	--	--	ND<0.005	ND<0.005	ND<0.005	--	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0 005	--
	3/1/1990	--	--	--	--	--	1.8	0.3	1.8	0.62	--	--	ND<0 05	ND<0 05	ND<0.025	--	--	ND<0.1	--	ND<0.1	ND<0.025	ND<0 025	ND<0 025	ND<0 025	--
	4/1/1990	--	--	--	--	--	1.3	0.29	1.6	2	--	--	ND<0 02	ND<0 02	ND<0.02	--	0.11	ND<0 002	--	ND<0.02	ND<0.01	ND<0.01	ND<0.01	ND<0.01	--
	8/21/1998	5	--	--	ND<0.05	--	0.23	ND<0.05	0.63	0.17	--	--	ND<0 05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	--	ND<0.1	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.2
	1/28/1999	7.9	--	--	ND<0.05	--	0.11	ND<0.05	0.54	0.17	--	--	ND<0 05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	--	ND<0.1	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.17
	7/19/1999	8	--	--	ND<0 025	--	0.11	ND<0 025	1	0.34	--	--	ND<0.025	ND<0.025	ND<0.025	--	ND<0.025	ND<0 025	--	ND<0 025	ND<0.025	<0.013	ND<0 025	ND<0 025	0.2
	1/13/2000	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	7/31/2000	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	2/6/2001	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	7/26/2001	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	5/6/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
	9/25/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
Off-Site Wells Metropolitan State Hospital																									
MW-600	8/1/1990	380	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	2/20/1991	0.0502	--	--	--	--	18	9.2	1.3	9.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	3500	--	912	--	--	23	40	18	101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/1/1996	210	--	--	ND<0.01	--	14	15	3.5	20	--	--	ND<0.001	--	ND<0.001	--	0.0038	ND<0 001	--	ND<0 001	0.00036	0.0055	ND<0 001	ND<0 001	--
	12/19/1996	87	--	--	ND<0.01	--	14	15	1.8	9.1	--	--	ND<0.5	ND<0.5	ND<0 5	--	ND<0.5	ND<0.5	--	ND<0.5	ND<0 5	ND<0.5	ND<0.5	ND<0.5	ND<0 5
	1/22/1998	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	8/20/1998	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	1/28/1999	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
MW-600A	7/19/1999	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	1/10/2000	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	7/31/2000	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	2/6/2001	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	7/24/2001	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	5/6/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
	9/23/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
MW-601	8/1/1990	360	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	2/20/1991	0.024	--	--	--	--	12	4.9	1.9	11.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	3500	--	1110	--	--	18	17	130	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/1/1996	250	--	--	ND<0.01	--	12	1.4	4.6	16	--	--	ND<0.001	--	ND<0.001	--	0.0044	ND<0 001	--	ND<0 001	0.0014	0.0029	ND<0 001	0.00085	--

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
	12/19/1996	70	--	--	ND<0.01	--	10	ND<0.5	1.6	4	--	--	ND<0.5	ND<0.5	ND<0 5	--	ND<0.5	ND<0.5	--	ND<0.5	ND<0 5	ND<0.5	ND<0.5	ND<0.5	ND<0 5
	1/22/1998	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	8/20/1998	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
	1/28/1999	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--	NS	NS	NS	--	NS	NS	--	NS	NS	NS	NS	NS	NS
MW-601A	7/19/1999	42	--	--	11	--	18	ND<5	ND<5	ND<5	--	--	ND<5	ND<5	ND<5	--	ND<5	ND<5	--	ND<5	ND<5	ND<2.5	ND<5	ND<5	ND<5
	1/13/2000	48	--	--	22	--	22	ND<1	ND<1	ND<1	--	--	ND<1	ND<1	ND<1	--	ND<1	ND<1	--	ND<1	ND<0 5	ND<1	ND<1	ND<1	ND<1
	8/3/2000	34	--	--	5.6	--	21	ND<0.2	ND<0.2	ND<0.2	--	--	ND<0.2	ND<0.2	ND<0 2	ND<0 2	ND<0.2	ND<0.2	--	ND<0.2	ND<0 2	ND<0.1	ND<0.2	ND<0.2	ND<0 2
	2/7/2001	35	--	--	1.2	--	16	0.063	0.097	ND<0.05	--	--	ND<0 05	ND<0 05	ND<0.05	ND<0.05	ND<0 05	ND<0.05	--	ND<0.05	ND<0.05	ND<0 025	ND<0.05	ND<0.05	0.057
	7/24/2001	31	--	--	2.8	--	15	ND<0.1	0.11	ND<0.1	--	--	ND<0.1	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.05	ND<0.1	ND<0.1	ND<0.1
	5/9/2002	24	--	--	2.5	ND<1000	11	ND<0.1	ND<0.1	ND<0.1	--	--	ND<0.1	ND<0.1	ND<0.1	ND<100	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.05	ND<0.1	ND<0.1	ND<0.1
	9/26/2002	11	--	--	4	ND<1000	8	ND<0.1	ND<0.1	ND<0.2	--	--	ND<0.1	ND<0.1	ND<0.1	ND<100	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.05	ND<0.1	ND<0.1	ND<0.1
	5/9/2002DUP	28	--	--	3.5	NS	12	ND<0.1	ND<0.1	ND<0.1	--	--	ND<0.1	ND<0.1	ND<0.1	ND<100	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.05	ND<0.1	ND<0.1	ND<0.1
	9/26/2002DUP	10	--	--	10	NS	4.4	ND<0.1	0.59	0.27	--	--	ND<0.1	ND<0.1	ND<0.1	ND<100	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.05	ND<0.1	ND<0.1	ND<0.1
MW-603	12/1/1995	ND<0.5	--	ND<10	--	--	0.00098	0.0014	0.00062	0.0033	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/1996	ND<0.1	--	--	0.002	--	0.0006	ND<0.0005	0.0014	ND<0.0005	--	--	0.0026	--	ND<0.0003	--	0.0064	ND<0.0003	--	ND<0.0003	0.0039	0.0095	0.03	ND<0.0003	--
	12/16/1996	ND<0.1	--	--	ND<0 002	--	ND<0.005	ND<0 005	ND<0 005	ND<0.01	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0 005	ND<0.005	ND<0 005	0.034	ND<0 005	ND<0.005
	1/22/1998	ND<0.1	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.009	ND<0 005	--	ND<0.01	0.005	ND<0 005	0.063	ND<0 005	ND<0.005
	8/19/1998	ND<0.1	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	0.029	0.014	ND<0 005	ND<0.005
	1/27/1999	ND<0.1	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	0.0053	ND<0 005	--	ND<0.01	ND<0.005	0.039	0.019	ND<0 005	ND<0.005
	7/19/1999	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0074	0.0021	--	ND<0 001	0.003	0.04	0.031	ND<0 001	ND<0.001
	1/11/2000	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0064	ND<0 001	--	ND<0 001	0.0036	0.016	0.039	ND<0 001	ND<0.001
	7/31/2000	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0093	ND<0 001	--	ND<0 001	0.0067	0.0072	0.088	ND<0 001	ND<0.001
	2/7/2001	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.011	ND<0 001	--	ND<0 001	0.0085	0.0027	0.12	ND<0 001	ND<0.001
	7/24/2001	0.19	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.015	ND<0 001	--	ND<0 001	0.01	0.0029	0.15	ND<0 001	ND<0.001
	5/7/2002	0.21	--	--	ND<0 002	ND<20	ND<0.001	ND<0 002	ND<0 002	ND<0.004	--	--	ND<0.002	ND<0.002	ND<0.002	ND<2	0.0096	ND<0 002	--	ND<0 002	0.007	ND<0 001	0.12	ND<0 002	ND<0.002
	9/24/2002	ND<0.1	--	--	ND<0 002	ND<20	ND<0.001	ND<0 002	ND<0 002	ND<0.002	--	--	ND<0.002	ND<0.002	ND<0.002	ND<2	0.014	ND<0 002	--	ND<0 002	0.011	0.0032	0.21	ND<0 002	ND<0.002
	7/1/2004	ND<0.2	--	--	ND<0 005	ND<0.1	ND<0.005	0.0003J	ND<0.0005	ND<0.001	ND<0 0005	ND<0.0005	ND<0.005	--	ND<0.005	ND<0.005	0.012	ND<0 005	ND<0.005	--	0.0057	0.003J	0.08	ND<0 005	ND<0.005
MW-604	12/20/1995	1.9	--	ND<10	--	--	0.16	0.0033	0.0078	0.021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/1996	0.9	--	--	0.0124	--	0.073	0.0078	ND<0.0005	0.009	--	--	ND<0.0003	--	ND<0.0003	--	0.00098	ND<0.0003	--	ND<0.0003	0.0017	0.0011	ND<0.0003	ND<0.0003	--
	12/17/1996	0.71	--	--	ND<0 002	--	0.047	ND<0 002	ND<0 002	ND<0.004	--	--	ND<0.002	ND<0.002	ND<0.002	--	ND<0.002	ND<0 002	--	ND<0 002	ND<0.002	ND<0 002	ND<0 002	ND<0 002	0.0057
	1/22/1998	0.41	--	--	ND<0 005	--	0.007	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.007
	8/19/1998	0.37	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	1/27/1999	0.23	--	--	ND<0 005	--	0.025	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	0.0064
	7/19/1999	0.5	--	--	ND<0 001	--	0.014	ND<0 001	ND<0 001	0.0013	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0042	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.0049
	1/11/2000	0.75	--	--	ND<0 001	--	0.021	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	0.0039	ND<0 001	--	ND<0 001	ND<0.001	0.00099	ND<0 001	ND<0 001	0.023
	8/3/2000	0.56	--	--	0.03	--	0.1	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	0.0087	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	0.019
	2/7/2001	1.1	--	--	0.031	--	0.11	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	--	ND<0 005	ND<0.005	ND<0.0025	ND<0 005	ND<0 005	0.043
	7/24/2001	1.1	--	--	0.034	--	0.067	ND<0 001	ND<0 001	0.005	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.005	ND<0 001	--	ND<0 001	ND<0.001	ND<0 005	ND<0 001	ND<0 001	0.048
	5/8/2002	1.1	--	--	0.048	51	0.057	ND<0 001	ND<0 001	0.0033	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 005	ND<0 001	ND<0 001	0.047
	9/25/2002	0.96	--	--	0.072	46	0.034	ND<0 001	ND<0 001	0.0047	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 005	ND<0 001	ND<0 001	0.049
	5/8/2002DUP	1.4	--	--	0.046	NS	0.055	ND<0 001	ND<0 001	0.0032	--	--	ND<0.001	ND<0.001	ND<0.001	1.6	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 005	ND<0 001	ND<0 001	0.045
	9/25/2002DUP	0.97	--	--	0.084	NS	0.036	ND<0 001	ND<0 001	0.0058	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 005	ND<0 001	ND<0 001	0.049
MW-605	12/20/1995	ND<1	--	--	--	--	0.01	ND<0.0005	ND<0.0005	0.0049	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	ND<0.1	--	--	ND<0.02	--	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	--	--	ND<0.0003	--	ND<0.0003	--	ND<0.0003	ND<0.0003	--	ND<0.0003	0.0012	ND<0.0003	0.0043	ND<0.0003	--
	12/16/1996	ND<0.1	--	--	ND<0 002	--	ND<0.001	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 001	ND<0 001	ND<0 001	ND<0.001
	1/22/1998	ND<0.1	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	0.006	ND<0 005	ND<0.005
	8/19/1998	ND<0.1	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	1/28/1999	ND<0.1	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	7/19/1999	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	1/11/2000	ND<0.6	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	0.001	ND<0.0005	0.0035	ND<0 001	ND<0.001
	8/2/2000	ND<0.7	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	--	ND<0 001	0.0016	ND<0.0005	0.0046	ND<0 001	ND<0.001
	2/7/2001	ND<0.8	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	0.002	ND<0 001	ND<0.001
	7/24/2001	ND<0.1	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	0.0017	ND<0 001	ND<0.001
	5/7/2002	ND<0.2	--	--	ND<0 001	ND<10	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	0.0018	ND<0 001	ND<0.001
	9/24/2002	ND<0.3	--	--	ND<0 001	ND<10	ND<0.0005	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	0.002	ND<0 001	ND<0.001
	6/30/2004	ND<0.2	--	--	ND<0 005	ND<0.1	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.001	ND<0 0005	ND<0.0005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	--	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
MW-606	12/19/1995	ND<0.5	--	--	--	--	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	ND<0.1	--	--	ND<0.02	--	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	--	--	0.00036	--	0.00054	--	ND<0.0003	ND<0.0003	--	ND<0.0003	ND<0.0003	0.00096	ND<0.0003	ND<0.0003	--
	12/16/1996	ND<0.1	--	--	ND<0 002	--	ND<0.001	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 001	ND<0 001	ND<0 001	ND<0.001
	1/22/1998	ND<0.1	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	8/19/1998	0.17	--	--	--	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	1/28/1999	ND<0.1	--	--	ND<0 005	--	ND<0.005	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	7/19/1999	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	1/11/2000	ND<0.5	--	--	0.0012	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	0.001	ND<0.001	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	8/2/2000	ND<0.5	--	--	--	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	0.0014	ND<0.001	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	2/7/2001	ND<0.5	--	--	ND<0 001	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	0.0014	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	7/24/2001	ND<0.1	--	--	--	--	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	5/7/2002	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<10	ND<0.0005	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	0.0013	ND<1	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	9/24/2002	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<10	ND<0.0005	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	0.0021	ND<1	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	ND<0.001
	6/30/2004	ND<0.2	--	--	0.003J	ND<0.1	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.001	ND<0 0005	ND<0.0005	ND<0.005	--	0.002J	ND<0.005	ND<0.005	ND<0 005	0.003J	--	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
MW-607	12/19/1995	1.2	--	31	--	--	0.033	0.035	0.0017	0.0094	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	0.9	--	--	0.012	--	0.019	0.005	0.0028	0.008	--	--	ND<0.0003	--	ND<0.0003	--	ND<0.0003	ND<0.0003	--	ND<0.0003	0.00068	ND<0.0003	ND<0.0003	ND<0.0003	--
	12/17/1996	1	--	--	ND<0 002	--	0.021	ND<0.001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0 001	--	ND<0 001	ND<0.001	ND<0 001	ND<0 001	ND<0 001	0.018
	1/22/1998	1.2	--	--	0.4	--	0.22	ND<0 025	ND<0 025	ND<0.025	--	--	ND<0.025	ND<0.025	ND<0.025	--	ND<0.025	ND<0 025	--	ND<0.05	ND<0.025	0.22	ND<0 025	ND<0 025	ND<0.025

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	TPH-g	TPH-d	TRPH	MTBE	TBA	Benzene	Toluene	Ethyl benzene	Total Xylenes	o-Xylene	m,p-Xylene	BDCM	BCM	Chloroform	Chloroethane	c-1,2 DCE	1,2-DCB	CFC11	Dichloro difluoro methane	1,1-DCA	1,2-DCA	1,1-DCE	1,2-DCP	IsoPB
	8/19/1998	**0.26**	--	--	**0.012**	--	**0.017**	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	ND<0.005
	1/27/1999	**1.76**	--	--	**0.0062**	--	**0.22**	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0.01	ND<0.005	ND<0 005	ND<0 005	ND<0 005	**0.015**
	7/19/1999	**1.2**	--	--	ND<0 005	--	**0.26**	ND<0 005	ND<0 005	ND<0.005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0 005	--	ND<0 005	ND<0.005	ND<0.0025	ND<0 005	ND<0 005	**0.013**
	1/11/2000	**1.2**	--	--	**0.0045**	--	**0.17**	ND<0 002	ND<0 002	ND<0.002	--	--	ND<0.002	ND<0.002	ND<0.002	--	ND<0.002	ND<0 002	--	ND<0 002	ND<0.002	ND<0 001	ND<0 002	ND<0 002	**0.0086**
	7/31/2000	**0.54**	--	--	**0.0062**	--	**0.11**	ND<0 002	ND<0 002	ND<0.002	--	--	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0 002	--	ND<0 002	ND<0.002	ND<0 001	ND<0 002	ND<0 002	**0.0073**
	2/7/2001	**0.05**	--	--	ND<0 001	--	**0.012**	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	**0.0011**	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	**0.0035**
	7/24/2001	**0.59**	--	--	ND<0 001	--	**0.013**	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	--	**0.0014**	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	**0.0053**
	5/7/2002	**0.49**	--	--	ND<0 001	**91**	**0.004**	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	**0.0015**	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	**0.0036**
MW-607	9/24/2002	**0.11**	--	--	**0.0041**	**76**	ND<0.0005	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	**0.002**	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	**0.0018**
	5/7/2002DUP	**0.44**	--	--	ND<0 001	NA	**0.0054**	ND<0 001	ND<0 001	ND<0.001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	**0.0017**	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	**0.0036**
	9/24/2002DUP	**0.11**	--	--	**0.0042**	**NA**	ND<0.0005	ND<0 001	ND<0 001	ND<0.002	--	--	ND<0.001	ND<0.001	ND<0.001	ND<1	**0.0019**	ND<0 001	--	ND<0 001	ND<0.001	ND<0.0005	ND<0 001	ND<0 001	**0.0018**
	6/30/2004	**0.54**	--	--	**0.004J**	**0.05J**	0.01	ND<0.0005	ND<0.0005	**0.0019**	ND<0 0005	**0.0014**	ND<0.005	--	ND<0.005	ND<0.005	**ND<0.005**	ND<0 005	ND<0.005	--	ND<0.005	ND<0 005	ND<0 005	ND<0 005	**0.019**
MW-A	2/20/1991	**0.0498**	--	--	--	--	**17**	**14**	**1.8**	**12.5**	--	--	--	--	--	--	--	ND<0.25	--	--	--	--	--	--	--
Abandoned	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-B	2/25/1991	ND<1	--	--	--	--	**3.5**	**0.03**	**0.18**	**0.467**	--	--	--	--	--	--	--	ND<0.0005	--	--	--	--	--	--	--
Abandoned	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-I	2/19/1991	**11**	--	--	--	--	**9.2**	**2.4**	**1.5**	**8.7**	--	--	--	--	--	--	--	ND<0.05	--	--	--	--	--	--	--
Abandoned	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-C	3/31/1995	**0.06**	--	--	--	--	**0.0006**	**0.014**	ND<0.0005	**0.0027**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	7/11/1995	ND<0.05	--	--	--	--	ND<0.0003	ND<0.0003	ND<0.0003	ND<0.0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/5/1995	ND<0.5	--	--	--	--	ND<0.0003	ND<0.0003	ND<0.0003	ND<0.0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/8/1995	ND<0.5	--	--	--	--	ND<0.0003	ND<0.0003	ND<0.0003	ND<0.0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/1996	ND<0.5	--	--	--	--	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/17/1996	ND<0.5	--	--	ND<0.02	--	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-D	3/31/1995	ND<0.05	--	--	--	--	ND<0.0005	**0.0066**	ND<0.0005	**0.0016**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	7/11/1995	ND<0.05	--	--	--	--	ND<0.0003	ND<0.0003	ND<0.0003	ND<0.0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/5/1995	ND<0.5	--	--	--	--	ND<0.0003	ND<0.0003	ND<0.0003	ND<0.0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/8/1995	ND<0.5	--	--	--	--	ND<0.0003	ND<0.0003	ND<0.0003	ND<0.0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/1996	ND<0.5	--	--	--	--	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/17/1996	ND<0.5	--	--	ND<0.02	--	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-E	3/31/1995	**0.06**	--	--	--	--	**0.0091**	**0.0066**	**0.0011**	**0.0023**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	7/11/1995	ND<0.05	--	--	--	--	ND<0.0003	ND<0.0003	ND<0.0003	ND<0.0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/5/1995	ND<0.5	--	--	--	--	ND<0.0003	ND<0.0003	ND<0.0003	ND<0.0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/8/1995	ND<0.5	--	--	--	--	ND<0.0003	ND<0.0003	ND<0.0003	ND<0.0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/1996	ND<0.5	--	--	--	--	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/17/1996	ND<0.5	--	--	ND<0.02	--	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:
Table recreated from Versar, Inc. *Revised Master Work Plan, CENCO Refining Company, Santa Fe Springs, Californi*, dated January 28, 2000
All concentrations reported in milligrams per liter (mg/L)
Blank - Not analyzed
ND<0.001 - Not detected above the laboratory reporting limit shown
* - Sample was analyzed by both EPA Methods 8010/8020 and 8240; highest detection value of the two analyses is shown
NS - Not sampled due to well damage, free product in well, or not scheduled for sampling
(A) - EPA Method 601/8010
(B) - EPA Method 602/8020
Abbreviations:

TPH-g = Total petroleum hydrocarbons as gasoline (Met
TPH-d = Total petroleum hydrocarbons as diesel (Metho
TRPH = ASTM Method 2887 (unless otherwise indicated
MTBE = Methyl tertiary butyl ether
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
BDCM = Bromodichloromethane
BCM = Bromochloromethane
c-1,2-DCE = cis-1,2-Dichloroethene
CB = Chlorobenzene
1,2-DCB = 1,2-Dichlorobenzene
1,1-DCA = 1,1-Dichloroethane
1,2-DCA = 1,2-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCP = 1,2-Dichloropropane
iso-PB = iso-Propylbenzene
MC = Methylene chloride
n-BB = n-Butylbenzene
n-PB = n-Propylbenzene
p-iso-PT = p-iso-Propyltoluene
sec-BB = sec-Butylbenzene
PCE = Tetrachloroethene
t-1,2-DCE = trans-1,2-Dichloroethene
TCE = Trichloroethene
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
TOX = Total halogenated volatile organics (ASTM Method 2885)
VC = Vinyl chloride
t-BB= Tertiary Butylbenzene

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
Operational Area 1	**Bloomfield Propert**																		
MW-106	12/20/1995	--	--	--	--	--	--	--	--	--	--	--	**0.015**	**0.0015**	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	**0.017**	**0.0025**	--	--	--	**0.00098**	--
	12/17/1996	ND<0 002	ND<0.002	--	ND<0 002	--	--	ND<0.002	ND<0.002	ND<0.002	--	ND<0.002	**0.026**	ND<0.002	ND<0.002	ND<0.002	--	ND<0 004	--
	1/20/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	**0.01**	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/20/1998	ND<0 005	ND<0.005	--	**0.0059**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	**0.0058**	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/27/1999	ND<0 005	ND<0.005	--	**0.0072**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.01	ND<0.001	--	**0.0052**	--	--	ND<0.01	ND<0.001	**0.0015**	--	ND<0.001	**0.0064**	**0.0026**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	1/14/2000	ND<0.01	ND<0 01	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.0096**	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	7/31/2000	ND<0 001	ND<0 01	ND<0.001	ND<0 001	ND<0 01	ND<0 01	ND<0.01	ND<0.001	ND<0.001	ND<0 01	**0.021**	**0.021**	**0.0021**	ND<0.001	ND<0.001	--	**0.025**	--
	2/6/2001	ND<0.01	ND<0.001	ND<0.001	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.025**	**0.0028**	ND<0.001	ND<0.001	--	**0.015**	ND<0.001
	7/24/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.023**	**0.0021**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/7/2002	ND<0.01	ND<0.001	ND<0.001	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.017**	**0.0019**	ND<0.001	ND<0.001	--	**0.015**	ND<0.001
	9/24/2002	ND<0.01	ND<0.001	ND<0.001	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.024**	**0.0016**	ND<0.001	ND<0.001	--	**0.021**	ND<0.001
	7/1/2004	ND<0 005	ND<0.005	ND<0.005	ND<0 005	--	--	ND<0.005	--	ND<0.005	--	ND<0.005	**0.021**	ND<0.005	ND<0.005	ND<0.005	--	ND<0 005	ND<0.005
MW-107	12/21/1995	--	--	--	--	--	--	--	--	--	--	--	**0.0065**	--	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	**0.019**	**0.00078**	--	--	--	**0.0011**	--
	12/17/1996	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	**0.033**	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	--
	1/20/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	**0.047**	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/20/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	**0.025**	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/27/1999	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	**0.044**	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.05	ND<0.005	--	ND<0 005	--	--	ND<0.05	ND<0.005	ND<0.005	--	ND<0.005	**0.077**	ND<0.005	ND<0.005	ND<0.005	--	ND<0.0025	ND<0.005
	1/12/2000	ND<0.01	ND<0.001	--	**0.0022**	--	--	ND<0.01	ND<0.001	**0.003**	--	ND<0.001	**0.11**	**0.0034**	ND<0.001	ND<0.001	--	ND<0.0005	**0.0013**
	7/31/2000	ND<0.05	ND<0.005	ND<0.005	**0.049**	**0.11**	**0.14**	ND<0.05	ND<0.005	**0.0086**	ND<0.011	ND<0.005	**0.059**	ND<0.005	ND<0.005	ND<0.005	--	**0.053**	ND<0.005
	2/6/2001	ND<0.01	ND<0.001	**0.001**	**0.057**	--	--	ND<0.01	ND<0.001	**0.0097**	--	ND<0.001	**0.0045**	ND<0.001	ND<0.001	ND<0.001	--	**0.021**	ND<0.001
	7/26/2001	ND<0.01	ND<0.001	--	**0.053**	--	--	ND<0.01	ND<0.001	**0.0085**	--	ND<0.001	**0.013**	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/9/2002	ND<0.02	ND<0.002	ND<2	**0.048**	--	--	ND<0.02	ND<0.002	**0.0084**	--	ND<0.002	**0.0057**	ND<0.02	ND<0.002	ND<0.002	--	**0.03**	ND<0.002
	9/25/2002	ND<0.02	ND<0.002	ND<2	**0.068**	--	--	ND<0.02	ND<0.002	**0.012**	--	ND<0.002	ND<0.002	ND<0.02	ND<0.002	ND<0.002	--	**0.028**	ND<0.002
	7/1/2004	ND<0 005	**0.002J**	**0.002J**	**0.14**	--	--	**0.002J**	--	**0.02**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.012**	ND<0.005
MW-203	6/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	--	--	--	--	--	--	--	--	--	--	--	**0.0045**	--	--	--	--	**0.0014**	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	**0.0017**	**0.00034**	--	--	--	**0.002**	--
	12/17/1996	ND<0 001	ND<0.001	--	ND<0 001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0 002	--
	1/20/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/20/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/27/1999	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.0019**	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	1/12/2000	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0 005	ND<0.001
	7/31/2000	ND<0.01	ND<0.001	ND<0.001	ND<0 001	ND<0 01	ND<0 01	ND<0.01	ND<0.001	ND<0.001	ND<0.01	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.00051**	ND<0.001
	2/6/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.0016**	ND<0.001	ND<0.001	ND<0.001	--	**0.0011**	ND<0.001
	7/24/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.0018**	ND<0.001	ND<0.001	ND<0.001	--	**0.0083**	ND<0.001
	5/8/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.002	**0.0017**	ND<0.001	ND<0.001	ND<0.001	--	**0.00053**	ND<0.001
	9/25/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.003	**0.0025**	ND<0.001	ND<0.001	ND<0.001	--	**0.0011**	ND<0.001
	7/1/2004	ND<0 005	ND<0.005	--	--	--	--	ND<0.005	--	ND<0.005	--	ND<0.005	**0.004J**	ND<0.005	ND<0.005	ND<0.005	--	ND<0 005	ND<0.005
Operational Area 2	**East Tank Farm Ar**																		
MW-103	8/1/1985	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
	3/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	3/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	ND<0.0005	--	--	--	--	--	--	--	--	--	ND<0.0005	ND<0 0005	ND<0.0005	--	--	--	**0.0025**	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	ND<0 0003	**0.00038**	--	--	--	ND<0.0003	--
	12/17/1996	ND<0 005	ND<0.005	--	**0.0084**	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.0089**	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.054**	--
	1/21/1998	ND<0 005	ND<0.005	--	**0.015**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.028**	ND<0.005
	8/19/1998	ND<0 005	**0.0069**	--	**0.018**	--	--	ND<0.01	ND<0.005	**0.0054**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/27/1999	ND<0 005	ND<0.005	--	**0.0059**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.01	**0.0031**	--	**0.0081**	--	--	ND<0.01	ND<0.001	**0.0039**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	1/12/2000	ND<0.01	**0.0035**	--	**0.0067**	--	--	ND<0.01	ND<0.001	**0.0037**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	8/4/2000	ND<0.01	ND<0.001	ND<0.001	ND<0 001	ND<0 01	ND<0 01	ND<0.01	ND<0.001	**0.0039**	ND<0.01	ND<0.001	ND<0.001	**0.0012**	ND<0.001	ND<0.001	--	**0.00075**	ND<0.001
	2/9/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	**0.0036**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	7/25/2001	ND<0.01	**0.0029**	--	**0.0055**	--	--	ND<0.01	ND<0.001	**0.0032**	--	ND<0.001	ND<0.001	ND<0.001	**0.0058**	**0.0017**	--	ND<0.0005	ND<0.001
	5/8/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	9/25/2002	ND<0.01	**0.0039**	ND<1	**0.013**	--	--	ND<0.01	ND<0.001	**0.0043**	--	ND<0.001	ND<0.001	ND<0.001	**0.0014**	ND<0.001	--	ND<0.0005	ND<0.001
MW-202	8/1/1985	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	**0.00034**	**0.00037**	--	--	--	ND<0.0003	--
	12/17/1996	ND<0.05	ND<0 05	--	**0.1**	--	--	ND<0.05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	ND<0.05	ND<0 05	--	ND<0.01	--
	1/21/1998	ND<0 005	**0.011**	--	**0.1**	--	--	ND<0.01	ND<0.005	**0.016**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/18/1998	ND<0 005	**0.016**	--	**0.091**	--	--	ND<0.01	ND<0.005	**0.026**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/27/1999	ND<0 005	ND<0.005	--	**0.13**	--	--	ND<0.01	ND<0.005	**0.029**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.02	**0.019**	--	**0.13**	--	--	ND<0.02	ND<0.002	**0.029**	--	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	--	ND<0 001	ND<0.002
	1/11/2000	ND<0.01	**0.0072**	--	**0.029**	--	--	ND<0.01	ND<0.001	**0.023**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	8/2/2000	ND<0.01	**0.0019**	**0.018**	**0.01**	ND<0 01	ND<0 01	ND<0.01	ND<0.001	**0.023**	ND<0.01	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	2/7/2000	ND<0.01	**0.0011**	**0.018**	**0.0077**	--	--	ND<0.01	ND<0.001	**0.01**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.0033**	ND<0.001
	7/24/2001	ND<0.01	**0.0024**	--	**0.016**	--	--	ND<0.01	ND<0.001	**0.004**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/8/2002	ND<0.01	**0.0031**	**1.4**	**0.032**	--	--	ND<0.01	ND<0.001	**0.0036**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	9/26/2002	ND<0.05	ND<0.005	ND<5	**0.069**	--	--	ND<0.05	ND<0.005	**0.0056**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.0025	ND<0.005
MW-204	6/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/1/1996	ND<0 001	--	--	--	--	--	--	--	--	--	ND<0.001	ND<0.001	**0.0011**	--	--	--	**0.0052**	--
	12/17/1996	ND<0.05	ND<0 05	--	ND<0.05	--	--	ND<0.05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	ND<0.05	ND<0 05	--	ND<0.1	--
	1/21/1998	ND<0 005	ND<0.005	--	**0.036**	--	--	**0.065**	ND<0.005	**0.081**	--	ND<0.005	ND<0.005	ND<0.005	**0.09**	**0.023**	--	**0.009**	ND<0.005

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
	8/21/1998	ND<0.05	ND<0 05	--	**0.054**	--	--	ND<0.1	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	**0.2**	ND<0 05	--	ND<0.1	ND<0.05
	1/28/1999	ND<0.05	ND<0 05	--	ND<0.05	--	--	ND<0.1	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	**0.21**	**0.052**	--	ND<0.1	ND<0.05
	1/28/1999DUP	ND<0 005	ND<0.005	--	**0.048**	--	--	**0.094**	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	**0.25**	**0.061**	--	**0.012**	ND<0.005
	7/19/1999	ND<0.1	ND<0 01	--	**0.023**	--	--	ND<0.1	ND<0.1	ND<0.1	--	ND<0 01	ND<0.01	ND<0.01	**0.047**	**0.011**	--	ND<0 005	ND<0.01
	1/11/2000	ND<0.1	ND<0 01	--	**0.019**	--	--	ND<0.1	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	ND<0.01	ND<0.01	ND<0 01	--	ND<0 005	ND<0.01
	8/3/2000	ND<0.05	ND<0.005	ND<0.005	**0.021**	**0.064**	**0.088**	ND<0.01	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.0025	ND<0.005
MW-204	2/8/2001	ND<0.01	ND<0.001	ND<0.001	**0.0029**	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	7/24/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/9/2002	ND<0.02	ND<0.002	ND<2	**0.013**	--	--	ND<0.02	ND<0.002	ND<0.002	--	ND<0.002	ND<0.002	ND<0.002	**0.026**	**0.0089**	--	**0.0035**	ND<0.002
	9/26/2002	ND<0.02	ND<0.002	ND<2	**0.0095**	--	--	ND<0.02	ND<0.002	ND<0.002	--	ND<0.002	ND<0.002	ND<0.002	**0.022**	**0.0077**	--	**0.0034**	ND<0.002
	6/30/2004	ND<0 005	ND<0.005	ND<0.005	**ND<0.005**	--	--	**0.004J**	--	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	**0.0068**	**0.002J**	--	ND<0 005	ND<0.005
W-7	8/4/2000	ND<0.01	ND<0 01	ND<0.01	ND<0.01	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	2/8/2001	ND<0.01	ND<0.001	ND<0.001	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	7/26/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/7/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	9/24/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
Operational Area 3	**Processing Area**																		
MW-104	6/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	9/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	--	--	--	--	--	--	--	--	--	--	--	**0.00078**	--	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	ND<0 0003	**0.00054**	--	--	--	ND<0.0003	--
	12/16/1996	ND<0 001	ND<0.001	--	**0.0052**	--	--	ND<0.001	ND<0.001	**0.0029**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.0032**	--
	1/20/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/18/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/27/1999	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
MW-104A	7/19/1999	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	**0.0012**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	1/13/2000	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.0057**	ND<0.001
	8/2/2000	ND<0.01	ND<0.001	ND<0.001	ND<0 001	ND<0 01	ND<0 01	ND<0.01	ND<0.001	ND<0.001	ND<0 01	ND<0.001	ND<0.001	**0.0018**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	2/7/2001	ND<0.01	ND<0.001	ND<0.001	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	**0.0014**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	7/25/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	**0.0014**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/7/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	**0.0014**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	9/24/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.0014**	**0.0016**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	6/30/2004	ND<0 005	--	ND<0.005	ND<0 005	ND<0.005	--	--	--	ND<0.005	--	ND<0.005	**0.002J**	**0.004J**	ND<0.005	ND<0.005	--	ND<0 005	ND<0.005
MW-504	12/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/1/1996	ND<0 001	--	--	--	--	--	--	--	--	--	ND<0.001	**0.00046**	**0.00078**	--	--	--	**0.0011**	--
	12/18/1996	ND<0.25	ND<0 25	--	**0.35**	--	--	**2.3**	**0.37**	ND<0.25	--	ND<0 25	ND<0.25	ND<0.25	**5**	**2.1**	--	ND<0.5	--
	1/21/1998	ND<0.25	ND<0 25	--	ND<0.25	--	--	**0.36**	ND<0 25	ND<0.25	--	ND<0 25	ND<0.25	ND<0.25	**0.8**	**0.34**	--	ND<0.5	ND<0.25
	8/20/1998	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/28/1999	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/1999	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2000	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/31/2000	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
	2/6/2001	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/24/2001	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/6/2002	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23/2002	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Operational Area 4	**West Tank Farm Ar**																		
MW-101	8/1/1985	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.18**	--	--
	6/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-101	6/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	**0.0013**	--	--	--	--	--	--	--	--	--	**0.036**	**0.00097**	**0.1**	--	--	--	ND<0.0005	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	**24**	ND<0 0003	**0.041**	--	--	--	ND<0.0003	--
	12/17/1996	ND<0 025	ND<0.025	--	ND<0 025	--	--	ND<0.025	ND<0.025	ND<0.025	--	**0.057**	ND<0.025	**0.24**	ND<0.025	ND<0.025	--	ND<0.05	--
	1/19/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.18**	ND<0.005	**0.32**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/18/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.034**	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/26/1999	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.0193**	ND<0.005	**0.16**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.02	ND<0.002	--	ND<0 002	--	--	ND<0.02	ND<0.002	ND<0.002	--	**0.078**	**0.0085**	**0.27**	ND<0.002	ND<0.002	--	ND<0 001	ND<0.002
	1/10/2000	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.21**	**0.0035**	**0.26**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	8/3/2000	ND<0.02	ND<0.002	ND<0.002	ND<0 002	ND<0 01	ND<0 01	ND<0.02	ND<0.002	ND<0.002	ND<0 01	**0.037**	**0.019**	**0.27**	ND<0.002	ND<0.002	--	**0.005**	ND<0.002
	2/9/2001	ND<0.05	ND<0.005	ND<0.005	ND<0 005	--	--	ND<0.05	ND<0.005	ND<0.005	--	**0.0099**	**0.011**	**0.1**	ND<0.005	ND<0.005	--	**0.0032**	ND<0.005
	7/26/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.0081**	**0.015**	**0.1**	ND<0.001	ND<0.001	--	**0.0043**	ND<0.001
	5/8/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.0062**	**0.0056**	**0.078**	ND<0.001	ND<0.001	--	**0.0019**	ND<0.001
	9/25/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.0045**	**0.0045**	**0.079**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
MW-105	12/21/1995	--	--	--	--	--	--	--	--	--	--	**0.016**	--	**0.046**	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	**0.024**	ND<0 0003	**0.033**	--	--	--	ND<0.0003	--
	12/16/1996	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.08**	ND<0.005	**0.11**	ND<0.005	ND<0.005	--	ND<0.01	--
	1/20/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.15**	ND<0.005	**0.21**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/18/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.0967**	ND<0.005	**0.162**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/25/1999	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.125**	ND<0.005	**0.187**	ND<0.005	ND<0.005	--	**0.00643**	ND<0.005
	7/19/1999	ND<0.01	ND<0.001	--	ND<0 001	ND<0.0095	ND<0.0095	ND<0.01	ND<0.001	ND<0.001	--	**0.078**	**0.015**	**0.28**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	1/10/2000	ND<0.05	ND<0.005	ND<0.005	ND<0 005	--	--	ND<0.05	ND<0.005	ND<0.005	--	ND<0.005	**0.062**	**0.13**	ND<0.005	ND<0.005	--	ND<0.0025	ND<0.005
	7/31/2000	ND<0.05	ND<0.005	ND<0.005	ND<0 005	--	--	ND<0 0095	ND<0.005	ND<0.005	ND<0.0095	ND<0.005	**0.059**	**0.16**	ND<0.005	ND<0.005	--	**0.01**	ND<0.005
	2/6/2001	ND<0.05	ND<0.005	--	ND<0 005	--	--	ND<0.05	ND<0.005	ND<0.005	--	ND<0.005	**0.021**	**0.047**	ND<0.005	ND<0.005	--	**0.0079**	ND<0.005
	7/24/2001	ND<0 001	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.011**	**0.036**	ND<0.001	--	--	ND<0 005	ND<0.001
	5/7/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.002	**0.0068**	**0.038**	ND<0.001	ND<0.001	--	**0.0039**	ND<0.001
	9/24/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.003	**0.0064**	**0.043**	ND<0.001	ND<0.001	--	**0.014**	ND<0.001
	6/30/2004	ND<0 005	ND<0.005	ND<0.005	ND<0 005	--	--	ND<0.005	--	ND<0.005	--	**0.022**	**0.0054**	**0.076**	ND<0.005	ND<0.005	--	**0.0072**	ND<0.005
MW-201	8/1/1985	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	**0.0007**	--	--	--	--	--	--	--	--	--	**0.058**	**0.0017**	**0.11**	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	**0.11**	ND<0 0003	**0.12**	--	--	--	ND<0.0003	--
	12/17/1996	ND<0.01	ND<0 01	--	**0.021**	--	--	ND<0.01	ND<0 01	ND<0.01	--	**0.21**	ND<0.01	**0.21**	**0.14**	**0.028**	--	ND<0.02	--
	1/21/1998	ND<0 005	ND<0.005	--	**0.021**	--	--	**0.011**	ND<0.005	ND<0.005	--	**0.16**	**0.0053**	**0.18**	**0.02**	**0.012**	--	ND<0.01	ND<0.005
	1/21/1998DUP	ND<0 005	ND<0.005	--	**0.02**	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.012**	**0.0055**	**0.16**	**0.018**	**0.0099**	--	ND<0.01	ND<0.005
	8/18/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	**0.011**	ND<0.005	ND<0.005	--	**0.016**	ND<0.005	**0.12**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.05	ND<0.005	--	**0.025**	--	--	ND<0.05	**0.005**	ND<0.005	--	**0.04**	**0.012**	**0.16**	**0.053**	**0.015**	--	ND<0.0025	ND<0.005
	1/12/2000	ND<0.05	ND<0.005	--	**0.015**	--	--	ND<0.05	**0.0054**	ND<0.005	--	ND<0.005	ND<0.005	**0.038**	**0.032**	ND<0.005	--	ND<0.0025	ND<0.005

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
	8/4/2000	ND<0.05	ND<0.005	ND<0.005	**0.012**	ND<0 01	ND<0 01	ND<0.01	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND<0.005	**0.032**	**0.033**	ND<0.005	--	ND<0.0025	ND<0.005
	2/9/2001	ND<0.1	ND<0 01	ND<0.01	**0.032**	--	--	ND<0.1	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	**0.013**	**0.024**	ND<0 01	--	ND<0 005	ND<0.01
	7/26/2001	ND<0.1	**0.031**	--	**0.016**	--	--	ND<0.1	**0.0036**	**0.033**	--	ND<0 01	**0.0068**	**0.008**	**0.017**	**0.0025**	--	ND<0.01	ND<0.02
	5/9/2002	ND<0.02	ND<0.002	ND<2	**0.0086**	--	--	ND<0.02	**0.0024**	**0.0021**	--	ND<0.002	**0.0042**	**0.014**	**0.0056**	**0.0038**	--	**0.0011**	ND<0.002
	9/26/2002	ND<0.01	**0.0024**	ND<1	**0.012**	--	--	ND<0.001	**0.0026**	**0.0022**	--	ND<0.001	**0.0033**	**0.029**	**0.012**	**0.014**	--	**0.0014**	ND<0.001
	6/30/2004	ND<0 005	ND<0.005	ND<0.005	**0.024**	--	--	**0.016**	--	**0.005J**	--	ND<0.005	ND<0.005	ND<0.005	**0.0054**	**0.012**	--	**0.002J**	ND<0.005
MW-205	6/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-205	12/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	**0.00058**	--	--	--	--	--	--	--	--	--	**0.0028**	**0.0053**	**0.08**	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	**0.0035**	ND<0 0003	**0.084**	--	--	--	ND<0.0003	--
	12/16/1996	ND<0 002	ND<0.002	--	ND<0 002	--	--	ND<0.002	ND<0.002	ND<0.002	--	ND<0.002	ND<0.002	**0.045**	ND<0.002	ND<0.002	--	ND<0 004	--
	1/20/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	**0.048**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/21/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	**0.062**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/26/1999	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	**0.0251**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.0018**	**0.012**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	1/11/2000	ND<0.01	ND<0.001	ND<0.001	**0.0011**	ND<0 01	ND<0 01	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.013**	ND<0.001
	8/2/2000	ND<0.01	ND<0.001	ND<0.001	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	ND<0.01	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	2/7/2001	ND<0.01	ND<0.001	--	**0.0015**	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	**0.0011**	**0.0017**	**0.0085**	--	**0.00096**	ND<0.001
	7/26/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	**0.0011**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/8/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	**0.011**	ND<0.001	ND<0.001	--	**0.00065**	ND<0.001
	9/25/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	**0.0011**	--	**0.0047**	ND<0.001
	6/30/2004	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.005	--	ND<0.005	--	ND<0.005	--	--	ND<0.005	ND<0.005	--	ND<0 005	ND<0.005
W-8	8/4/2000	ND<0 001	ND<0.001	--	ND<0 001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	2/6/2001	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/26/2001	ND<0 001	ND<0.001	--	ND<0 001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/7/2002	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	9/24/2002	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	7/1/2004	ND<0 005	ND<0.005	ND<0.005	ND<0 005	--	--	ND<0.005	--	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0 005	ND<0.005
Operational Area 5	**Lakeland Property**																		
MW-206	6/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	9/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	ND<0 0003	**0.0014**	--	--	--	ND<0.0003	--
	12/18/1996	ND<0.1	ND<0.1	--	**0.12**	--	--	**0.13**	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.1	**0.19**	**0.14**	--	ND<0.2	--
	1/21/1998	ND<0 005	**0.017**	--	**0.22**	--	--	**0.059**	**0.005**	**0.011**	--	ND<0.005	ND<0.005	ND<0.005	**0.035**	**0.012**	--	ND<0.01	**0.05**
	8/20/1998	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-501	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Destroyed	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	**0.001**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	ND<0 0003	**0.00039**	--	--	--	ND<0.0003	--
	12/18/1996	ND<0.05	ND<0 05	--	**0.2**	--	--	ND<0.05	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	**0.31**	**0.13**	--	ND<0.1	--
	1/21/1998	ND<0 005	ND<0.005	--	**0.0061**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	**0.0093**	ND<0.005	--	ND<0.01	ND<0.005
	8/20/1998	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/26/1999	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
MW-501-A	7/19/1999	ND<0.25	ND<0.025	--	**0.052**	--	--	ND<0.25	ND<0.025	ND<0.025	--	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	--	<0.013	ND<0.025
	1/13/2000	ND<0.1	ND<0 01	--	**0.042**	--	--	ND<0.1	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	ND<0.01	ND<0.01	ND<0 01	--	ND<0 005	ND<0.01
	8/2/2000	ND<0.1	ND<0 01	ND<0.01	**0.15**	**0.094**	**0.14**	ND<0.01	ND<0 01	ND<0.01	ND<0.01	ND<0 01	ND<0.01	ND<0.01	ND<0.01	ND<0 01	--	ND<0 006	ND<0.01
	2/7/2001	ND<0.1	ND<0 01	ND<0.01	**0.18**	--	--	ND<0.1	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	ND<0.01	ND<0.01	ND<0 01	--	**0.0065**	ND<0.01
	7/25/2001	ND<0.1	ND<0 01	--	**0.21**	--	--	ND<0.1	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	ND<0.01	ND<0.01	ND<0 01	--	ND<0 005	ND<0.01
	5/8/2002	ND<0.02	**0.011**	ND<2	**0.19**	--	--	ND<0.02	ND<0.002	**0.0093**	--	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	--	**0.0024**	ND<0.002
	9/26/2002	ND<0.1	**0.038**	ND<10	**0.38**	--	--	ND<0.1	ND<0 01	**0.024**	--	ND<0 01	ND<0.01	ND<0.01	ND<0.01	ND<0 01	--	**0.0055**	ND<0.01
MW-502	6/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/13/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	ND<0 0003	**0.00052**	--	--	--	ND<0.0003	--
	12/18/1996	ND<0.5	ND<0.5	--	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0 5	--	ND<0 5	ND<0 5	ND<0 5	ND<0.5	ND<0.5	--	ND<1	--
	1/22/1998	ND<0 025	ND<0.025	--	**0.18**	--	--	**0.32**	ND<0.025	ND<0.025	--	ND<0.025	ND<0.025	ND<0.025	**0.3**	**0.07**	--	ND<0.05	ND<0.025
	8/19/1998	ND<0 005	**0.016**	--	**0.14**	--	--	**0.28**	ND<0.005	**0.01**	--	ND<0.005	ND<0.005	ND<0.005	**0.34**	**0.06**	--	ND<0.01	ND<0.005
	1/26/1999	ND<0 005	ND<0.005	--	**0.135**	--	--	**0.255**	ND<0.005	**0.0151**	--	ND<0.005	ND<0.005	ND<0.005	**0.179**	**0.0471**	--	ND<0.01	ND<0.005
	7/19/1999	ND<50	ND<5	--	ND<5	--	--	ND<50	ND<5	ND<5	--	ND<5	ND<5	ND<5	ND<5	ND<5	--	ND<2.5	ND<5
	1/13/2000	ND<10	ND<1	--	ND<1	--	--	ND<10	ND<10	ND<10	--	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<0.5	ND<1
	8/2/2000	ND<0.1	ND<0.1	ND<0.1	**0.11**	**0.03**	**0.045**	**0.16**	ND<0.1	ND<0.1	**0.08**	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	--	ND<0.05	ND<0.1
	2/7/2001	ND<0.5	ND<0 05	ND<0.05	**0.092**	--	--	ND<0.5	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	ND<0.05	ND<0 05	--	ND<0 025	ND<0.05
	7/25/2001	ND<0.5	ND<0 05	--	**0.11**	--	--	ND<0.5	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	**0.089**	ND<0 05	--	ND<0 025	ND<0.05
	5/9/2002	ND<2	ND<0.2	ND<200	ND<0.2	--	--	ND<2	ND<0.2	ND<0 2	--	ND<0 2	ND<0 2	ND<0 2	ND<0.2	ND<0.2	--	ND<0.1	ND<0 2
	9/26/2002	ND<1	ND<0.1	ND<100	**0.1**	--	--	ND<1	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.1	**0.1**	ND<0.1	--	ND<0.05	ND<0.1
MW-503	6/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	9/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/1/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	**0.001**	--	--	--	--	--	--	--	--	--	--	**0.0012**	**0.085**	--	--	--	**0.0014**	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	**0.09**	ND<0 0003	**0.13**	--	--	--	ND<0.0003	--
	12/18/1996	ND<0.01	ND<0 01	--	**0.048**	--	--	**0.028**	ND<0 01	**0.012**	--	**0.014**	ND<0.01	**0.27**	**0.063**	**0.023**	--	ND<0.02	--
	1/21/1998	ND<0 005	**0.006**	ND<2	**0.068**	--	--	**0.017**	ND<0.005	**0.012**	--	ND<0.005	**0.027**	**0.46**	**0.0058**	**0.014**	--	ND<0.01	ND<0.005
	8/19/1998	ND<0 005	ND<0.005	1.8	**0.014**	--	--	**0.0053**	ND<0.005	ND<0.005	--	ND<0.005	**0.071**	**0.063**	**0.005**	ND<0.005	--	ND<0.01	ND<0.005
MW-503B	2/9/1999	ND<0.05	ND<0 05	--	**0.084**	--	--	ND<0.05	ND<0 05	ND<0.05	--	ND<0 05	**0.15**	ND<0.05	ND<0.05	ND<0 05	--	ND<0.1	ND<0.05
	7/19/1999	ND<0.2	ND<0 02	--	**0.13**	--	--	ND<0.2	ND<0 02	**0.02**	--	ND<0 02	**0.25**	**0.025**	ND<0.02	ND<0 02	--	ND<0.01	ND<0.02
	1/14/2000	ND<0.2	ND<0 02	--	**0.17**	--	--	ND<0.2	ND<0 02	ND<0.02	--	ND<0 02	**0.2**	ND<0.02	ND<0.02	ND<0 02	--	ND<0.01	ND<0.02
	8/4/2000	ND<0.01	ND<0 01	ND<0.01	**0.1**	ND<0 01	ND<0 01	**0.023**	ND<0 01	**0.014**	ND<0.01	ND<0 01	**0.16**	ND<0.01	ND<0.01	ND<0 01	--	ND<0 005	ND<0.01
	2/6/2001	ND<0.2	ND<0 02	ND<0.02	**0.13**	--	--	ND<0.2	ND<0 02	ND<0.02	--	ND<0 02	**0.15**	ND<0.02	ND<0.02	ND<0 02	--	ND<0.01	ND<0.02
	7/25/2001	ND<0.5	ND<0 05	--	**0.091**	--	--	ND<0.5	ND<0 05	ND<0.05	--	ND<0 05	**0.057**	ND<0.05	ND<0.05	ND<0 05	--	ND<0 025	ND<0.05
	5/9/2002	ND<0.02	**0.0071**	--	**0.12**	--	--	**0.026**	**0.0028**	**0.018**	--	ND<0.002	**0.023**	ND<0.002	**0.0025**	**0.0022**	--	**0.0077**	ND<0.002
	9/26/2002	ND<0.01	**0.0086**	--	**0.15**	--	--	**0.048**	**0.0033**	**0.018**	--	ND<0.001	**0.016**	ND<0.001	**0.0025**	**0.0037**	--	**0.01**	ND<0.001
	7/1/2004	ND<0 005	**0.014**	**0.003J**	**0.2E**	--	--	**0.042**	**--**	**0.028**	--	ND<0.005	**--**	ND<0.005	**0.003J**	**0.004J**	--	ND<0 005	ND<0.005
Operational Area 6	**Former AST Area a**																		
W-3	11/1/1989	ND<0.0005	--	--	--	--	--	--	--	--	--	ND<0.0005	ND<0 0005	ND<0.0005	--	--	--	**0.0071(A)**	ND<0.0005
Abandoned	1/1/1990	ND<0 002	--	--	--	--	--	--	--	--	--	ND<0.0005	ND<0.001	ND<0.0005	--	--	--	ND<0 002	ND<0.001
	3/1/1990	ND<0 002	--	--	--	--	--	--	--	--	--	ND<0.0005	ND<0.001	ND<0.0005	--	--	--	ND<0 002	ND<0.001
	4/1/1990	ND<0 002	--	--	--	--	--	--	--	--	--	ND<0.0005	ND<0.001	ND<0.0005	--	--	--	ND<0 002	ND<0.001
	12/18/1996	ND<0 025	ND<0.025	--	ND<0 025	--	--	ND<0.025	ND<0.025	ND<0.025	--	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	--	ND<0.05	--
	1/13/1998	ND<0 005	ND<0.005	--	**0.016**	--	--	ND<0.01	ND<0.005	**0.006**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.051**	ND<0.005
	8/20/1998	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
W-3A	1/13/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/20/1998	ND<0 025	ND<0.025	--	ND<0 025	--	--	**0.35**	ND<0.025	ND<0.025	--	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	--	ND<0.05	ND<0.025
	1/28/1999	ND<0.05	ND<0 05	--	ND<0.05	--	--	**0.24**	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	ND<0.05	ND<0 05	--	ND<0.1	ND<0.05
	7/19/1999	ND<0.2	**0.025**	--	**0.026**	--	--	ND<0.2	ND<0 02	ND<0.02	--	ND<0 02	ND<0.02	ND<0.02	**0.037**	ND<0 02	--	ND<0.01	ND<0.02
	1/13/2000	ND<0.1	ND<0 01	--	ND<0.01	--	--	ND<0.1	ND<0 01	ND<0.01	--	ND<0 01	ND<0.01	ND<0.01	ND<0.01	ND<0 01	--	**0.007**	ND<0.01
	8/4/2000	ND<0.02	**0.0097**	ND<0.002	**0.021**	**0.47**	**0.74**	ND<0.05	ND<0.002	**0.0073**	ND<0.05	ND<0.002	ND<0.002	ND<0.002	**0.002**	**0.002**	--	**0.005**	ND<0.002

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
	2/8/2001	ND<0.01	**0.0039**	ND<0.001	**0.012**	--	--	**0.063**	ND<0.001	**0.0036**	--	ND<0.001	ND<0.001	ND<0.001	**0.013**	**0.0044**	--	**0.0017**	ND<0.001
	7/26/2001	ND<0.01	**0.0087**	--	**0.024**	--	--	**0.011**	ND<0.001	**0.0075**	--	ND<0.001	ND<0.001	ND<0.001	**0.015**	ND<0.001	--	**0.027**	ND<0.001
	5/6/2002	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/25/2002	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
Off-Site Wells Walker Property																			
W-1	11/1/1989	ND<0.0005(A)	--	--	--	--	--	--	--	--	--	ND<0.0005(A)	ND<0.0005(A)	ND<0.0005(A)	--	--	--	**0.021**	ND<0.0005
	3/1/1990	ND<0.02	--	--	--	--	--	--	--	--	--	ND<0.005	ND<0.01	ND<0.005	--	--	--	ND<0.02	ND<0.01
	4/1/1990	ND<0 005	--	--	--	--	--	--	--	--	--	ND<0.005	ND<0.005	ND<0.005	--	--	--	ND<0 005	ND<0.005
	12/18/1996	ND<0 005	ND<0.005	--	**0.031**	--	--	**0.01**	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	--
	1/14/1998	ND<0 005	ND<0.005	--	**0.02**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.016**	ND<0.005
	8/20/1998	ND<0 005	ND<0.005	--	**0.03**	--	--	ND<0.01	ND<0.005	**0.005**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.026**	ND<0.005
	1/29/1999	ND<0 005	ND<0.005	--	**0.028**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.018**	ND<0.005
	7/19/1999	ND<0.02	**0.0027**	--	**0.023**	--	--	ND<0.02	ND<0.002	**0.0044**	--	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	--	ND<0 001	ND<0.002
	1/1300	ND<0.01	**0.0027**	--	**0.024**	--	--	ND<0.01	ND<0.001	**0.0039**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.013**	ND<0.001
	8/3/2000	ND<0.01	**0.002**	ND<0.001	**0.018**	**0.041**	**0.041**	ND<0.01	ND<0.001	**0.0032**	ND<0.01	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.0073**	ND<0.001
	2/8/2001	ND<0.01	ND<0.001	--	**0.0059**	--	--	ND<0.01	ND<0.001	**0.0018**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.0063**	ND<0.001
	7/26/2001	ND<0.01	ND<0.001	--	**0.0077**	--	--	ND<0.01	ND<0.001	**0.0022**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.0068**	ND<0.001
	5/8/2002	ND<0.01	ND<0.001	ND<1	**0.0024**	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.0064**	ND<0.001
	9/25/2002	ND<0.01	ND<0.001	ND<1	**0.0027**	--	--	ND<0.01	ND<0.001	**0.001**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.014**	ND<0.001
	7/1/2004	ND<0 005	ND<0.005	ND<0.005	--	--	--	ND<0.005	--	**0.001J**	--	ND<0.005	**0.004J**	ND<0.005	ND<0.005	ND<0.005	--	**0.002**	ND<0.005
	10/6/2005	--	--	--	ND<0.01	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	**0.0016**	ND<0.001	ND<0.001	ND<0 01	--	**0.0071**	--
	2/15/2006	--	ND<0.005	--	ND<0 005	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	**0.0013J**	ND<0.005	ND<0.005	ND<0.005	--	**0.0033J**	--
	8/3/2006	--	ND<0.005	--	**0.0087**	--	--	ND<0.005	ND<0.002	ND<0.005	--	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	--	ND<0 005	--
W-2	11/1/1989	ND<0.0005(A)	--	--	--	--	--	--	--	--	--	ND<0.0005(A)	ND<0.0005(A)	ND<0.0005(A)	--	--	--	**0.075(A)**	ND<0.0005
Abandoned	3/1/1990	ND<0 002	--	--	--	--	--	--	--	--	--	ND<0.0005	ND<0.001	ND<0.0005	--	--	--	ND<0 002	ND<0.001
	4/1/1990	ND<0 005	--	--	--	--	--	--	--	--	--	ND<0.0025	ND<0.005	ND<0.0025	--	--	--	**0.0059**	ND<0.001
	12/18/1996	ND<0 002	ND<0.002	--	**0.012**	--	--	ND<0.002	ND<0.002	ND<0.002	--	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	--	**0.011**	--
	1/14/1998	ND<0 005	ND<0.005	--	**0.006**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.027**	ND<0.005
	8/20/1998	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
W-4	3/1/1990	ND<0.0005	--	--	--	--	--	--	--	--	--	ND<0.0005	ND<0 0005	ND<0.0005	--	--	--	ND<0.0005	ND<0.0005
	4/1/1990	ND<0 002	--	--	--	--	--	--	--	--	--	ND<0.001	ND<0.001	ND<0.001	--	--	--	**0.0043**	ND<0.001
	12/18/1996	ND<0 005	ND<0.005	--	**0.018**	--	--	ND<0.005	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	--
	1/14/1998	ND<0 005	ND<0.005	--	**0.027**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.016**	ND<0.005
	8/20/1998	ND<0 005	ND<0.005	--	**0.025**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.0098**	ND<0.005
	1/29/1999	ND<0 005	ND<0.005	--	**0.016**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.011**	ND<0.005
	7/19/1999	ND<0.02	ND<0.002	--	**0.015**	--	--	ND<0.02	ND<0.002	**0.0027**	--	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	--	ND<0 001	ND<0.002
	1/13/2000	ND<0.01	ND<0.001	--	**0.0016**	--	--	ND<0.01	ND<0.001	**0.0014**	--	ND<0.001	ND<0.001	ND<0.01	ND<0.001	ND<0.001	--	**0.013**	ND<0.001
	8/3/2000	ND<0.01	ND<0.001	ND<0.001	**0.0023**	ND<0 01	ND<0 01	ND<0.01	ND<0.001	**0.0015**	ND<0.01	ND<0.001	**0.0012**	ND<0.01	ND<0.001	ND<0.001	--	**0.012**	ND<0.001
	2/8/2001	ND<0.01	ND<0.001	--	**0.003**	--	--	ND<0.01	ND<0.001	**0.0011**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.007**	ND<0.001
	7/26/2001	ND<0.01	ND<0.001	--	**0.0057**	--	--	ND<0.01	ND<0.001	**0.0017**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/8/2002	ND<0.01	ND<0.001	ND<1	**0.0023**	--	--	ND<0.01	ND<0.001	**0.0014**	--	ND<0.001	**0.002**	ND<0.001	ND<0.001	ND<0.001	--	**0.0052**	ND<0.001
	9/25/2002	ND<0.01	ND<0.001	ND<1	**0.0049**	--	--	ND<0.001	ND<0.001	**0.0023**	--	ND<0.001	**0.0038**	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	7/1/2004	ND<0 005	ND<0.005	ND<0.005	**0.003J**	--	--	ND<0.005	--	**0.001J**	--	ND<0.005	**0.001J**	ND<0.005	ND<0.005	ND<0.005	--	**0.011**	ND<0.005
	10/6/2005	--	--	--	**0.0042**	--	--	ND<0.01	ND<0.001	**0.0011**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.0013**	--
	2/15/2006	--	ND<0.005	--	**0.0075**	--	--	ND<0.005	ND<0.005	**0.002J**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.0024J**	--
	8/3/2006	--	ND<0.005	--	ND<0 002	--	--	ND<0.005	ND<0.002	ND<0.005	--	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	--	ND<0 005	--
EW-1	11/1/1989	ND<0 005	--	--	--	--	--	--	--	--	--	ND<0.005	**0.0098**	ND<0.005	--	--	--	**0.029**	ND<0.005
	3/1/1990	ND<0.1	--	--	--	--	--	--	--	--	--	ND<0.025	ND<0.05	ND<0.025	--	--	--	ND<0.1	ND<0.05
	4/1/1990	ND<0 005	--	--	--	--	--	--	--	--	--	ND<0.001	**0.02**	ND<0.01	--	--	--	ND<0.02	ND<0.01
	8/21/1998	ND<0.05	ND<0 05	--	**0.17**	--	--	**0.15**	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	ND<0.05	ND<0 05	--	ND<0.1	ND<0.05
	1/28/1999	ND<0.05	ND<0 05	--	**0.15**	--	--	**0.13**	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	ND<0.05	ND<0 05	--	ND<0.1	ND<0.05
	7/19/1999	ND<0.25	ND<0.025	--	**0.16**	--	--	ND<0.25	ND<0.025	ND<0.025	--	ND<0.025	ND<0.025	ND<0.025	ND<0.025	**0.025**	--	<0.013	ND<0.025
	1/13/2000	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/31/2000	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/6/2001	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/26/2001	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/6/2002	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/25/2002	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Off-Site Wells Metropolitan State Hosp																			
MW-600	8/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	2/20/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/1/1996	ND<0 001	--	--	--	--	--	--	--	--	--	ND<0.001	ND<0.001	**0.00053**	--	--	--	ND<0 001	--
	12/19/1996	ND<0.5	ND<0.5	--	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0 5	--	ND<0 5	ND<0 5	ND<0 5	**1.8**	**0.58**	--	ND<1	--
	1/22/1998	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/20/1998	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/28/1999	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-600A	7/19/1999	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2000	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/31/2000	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/6/2001	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/24/2001	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/6/2002	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23/2002	NS	NS	NS	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-601	8/1/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	2/20/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/1/1996	ND<0 001	--	--	--	--	--	--	--	--	--	ND<0.001	ND<0.001	**0.00051**	--	--	--	**0.0019**	--

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
	12/19/1996	ND<0.5	ND<0.5	--	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0 5	--	ND<0 5	ND<0 5	ND<0 5	**1.1**	ND<0.5	--	ND<1	--
	1/22/1998	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/20/1998	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/28/1999	NS	NS	--	NS	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-601A	7/19/1999	ND<50	ND<5	--	ND<5	--	--	ND<50	ND<5	ND<5	--	ND<5	ND<5	ND<5	ND<5	ND<5	--	<25	ND<5
	1/13/2000	ND<10	ND<1	--	ND<1	--	--	ND<10	ND<1	ND<1	--	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<0.5	ND<1
	8/3/2000	ND<0.2	ND<0.2	--	ND<0.2	--	--	**0.069**	ND<0.2	ND<0 2	ND<0.01	ND<0 2	ND<0 2	ND<0 2	ND<0.2	ND<0.2	--	ND<0.1	ND<0 2
	2/7/2001	ND<0.5	ND<0 05	ND<0 2	**0.13**	**0.015**	**0.025**	ND<0.5	ND<0 05	ND<0.05	--	ND<0 05	ND<0.05	ND<0.05	ND<0.05	ND<0 05	--	ND<0 025	ND<0.05
	7/24/2001	ND<0.1	ND<0.1	ND<0.05	**0.0018**	--	--	ND<0.1	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	--	ND<0.05	ND<0.1
	5/9/2002	ND<0.1	ND<0.1	ND<100	**0.15**	--	--	ND<1	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	--	ND<0.05	ND<0.1
	9/26/2002	ND<1	ND<0.1	ND<100	**0.2**	--	--	ND<1	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	--	ND<0.05	ND<0.1
	5/9/2002DUP	ND<1	ND<0.1	ND<100	**0.17**	--	--	ND<1	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	--	ND<0.05	ND<0.1
	9/26/2002DUP	ND<1	ND<0.1	ND<100	**0.11**	--	--	ND<1	ND<0.1	ND<0.1	--	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	--	ND<0.05	ND<0.1
MW-603	12/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	**0.053**	ND<0 0003	**0.056**	--	--	--	**0.00045**	--
	12/16/1996	**0.006**	ND<0.005	--	ND<0 005	--	--	ND<0.005	ND<0.005	ND<0.005	--	**0.037**	ND<0.005	**0.056**	ND<0.005	ND<0.005	--	ND<0.01	--
	1/22/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.059**	ND<0.005	**0.089**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/19/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.013**	ND<0.005	**0.031**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/27/1999	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.025**	ND<0.005	**0.042**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.01	ND<0 01	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.037**	ND<0.001	**0.062**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	1/11/2000	ND<0.01	ND<0.001	ND<0.001	ND<0 001	ND<0.011	ND<0 011	ND<0.001	ND<0.001	ND<0.001	--	**0.056**	ND<0.001	**0.074**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	7/31/2000	ND<0.01	ND<0.001	ND<0.001	ND<0 001	--	--	ND<0.001	ND<0.001	ND<0.001	ND<0.01	**0.095**	ND<0.001	**0.11**	ND<0.001	ND<0.001	--	**0.00071**	ND<0.001
	2/7/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.001	ND<0.001	ND<0.001	--	**0.089**	**0.0028**	**0.14**	ND<0.001	ND<0.001	--	**0.00096**	ND<0.001
	7/24/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.001	ND<0.001	ND<0.001	--	**0.11**	**0.0083**	**0.21**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/7/2002	ND<0 002	ND<0.002	ND<2	ND<0 002	--	--	ND<0.02	ND<0.002	ND<0.002	--	**0.17**	**0.0034**	**0.16**	ND<0.002	ND<0.002	--	ND<0 001	ND<0.002
	9/24/2002	ND<0 002	ND<0.002	ND<2	ND<0 002	--	--	ND<0.02	ND<0.002	ND<0.002	--	**0.21**	**0.0053**	**0.21**	ND<0.002	ND<0.002	--	**0.0016**	ND<0.002
	7/1/2004	ND<0 005	ND<0.005	ND<0.005	**0.002J**	--	--	**0.002J**	--	ND<0.005	--	**0.12**	**0.003J**	**0.087**	ND<0.005	ND<0.005	--	ND<0 005	ND<0.005
MW-604	12/20/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	ND<0 0003	ND<0.0003	--	--	--	ND<0.0003	--
	12/17/1996	ND<0 002	ND<0.002	--	**0.0036**	--	--	ND<0.002	ND<0.002	**0.0022**	--	<0.0020	ND<0.002	ND<0.002	ND<0.002	ND<0.002	--	ND<0 004	--
	1/22/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	--
	8/19/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/27/1999	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.01	ND<0.001	--	**0.0013**	--	--	ND<0.01	ND<0.001	**0.0026**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	1/11/2000	ND<0.01	ND<0.001	--	**0.0082**	--	--	ND<0.01	ND<0.001	**0.0043**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	8/3/2000	ND<0.01	ND<0.001	ND<0.001	**0.0011**	ND<0 01	ND<0 01	ND<0.01	ND<0.001	**0.0056**	ND<0.01	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	--	ND<0.001
	2/7/2001	ND<0.05	ND<0.005	ND<0.005	**0.025**	--	--	ND<0.05	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	**0.0068**	ND<0.005
	7/24/2001	ND<0 001	**0.0021**	--	**0.034**	--	--	ND<0.01	ND<0.001	**0.0056**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/8/2002	ND<0.01	**0.0022**	ND<1	**0.034**	--	--	ND<0.01	ND<0.001	**0.0052**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.0053**	ND<0.001
	9/25/2002	ND<0.01	**0.0032**	**1**	**0.034**	--	--	ND<0.01	**0.0012**	**0.0067**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	**0.0013**	--	**0.0041**	ND<0.001
	5/8/2002DUP	ND<0.01	**0.0022**	ND<1	**0.032**	--	--	ND<0.01	ND<0.001	**0.0052**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.0053**	ND<0.001
	9/25/2002DUP	ND<0.01	**0.0028**	**1.1**	**0.033**	--	--	ND<0.01	**0.0012**	**0.0068**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	**0.0013**	--	**0.0048**	ND<0.001
MW-605	12/20/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	**0.013**	ND<0 0003	**0.018**	--	--	--	ND<0.0003	--
	12/16/1996	ND<0 001	ND<0.001	--	ND<0 001	--	--	ND<0.001	ND<0.001	ND<0.001	--	**0.011**	ND<0.001	**2**	ND<0.001	ND<0.001	--	ND<0 002	--
	1/22/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	**0.014**	ND<0.005	**0.032**	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/19/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/28/1999	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.0016**	**0.0032**	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	1/11/2000	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.007**	ND<0.001	**0.036**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	8/2/2000	ND<0.01	ND<0.001	ND<0.001	ND<0 001	ND<0 01	ND<0.01	ND<0.01	ND<0.001	ND<0.001	ND<0 01	**0.022**	ND<0.001	**0.034**	ND<0.001	ND<0.001	--	ND<0.01	ND<0.001
	2/7/2001	ND<0.01	ND<0.001	ND<0.001	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.0071**	ND<0.001	**0.025**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	7/24/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.026**	ND<0.001	**0.01**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/7/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.019**	ND<0.001	**0.022**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	9/24/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	**0.013**	ND<0.001	**0.033**	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	6/30/2004	ND<0 005	ND<0.005	ND<0.005	ND<0 005	--	--	ND<0.005	--	ND<0.005	--	**0.005J**	ND<0.005	**0.24**	ND<0.005	ND<0.005	--	ND<0 005	ND<0.005
MW-606	12/19/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	ND<0 0003	ND<0.0003	--	--	--	ND<0.0003	--
	12/16/1996	ND<0 001	ND<0.001	--	ND<0 001	--	--	ND<0.001	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0 002	--
	1/22/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	8/19/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/28/1999	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	1/11/2000	ND<0.01	ND<0.001	ND<0.001	ND<0 001	ND<0 01	ND<0 01	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	8/2/2000	ND<0.01	ND<0.001	ND<0.001	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	ND<0.01	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	2/7/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.005
	7/24/2001	ND<0.01	ND<0.001	--	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/7/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	9/24/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	ND<0.001	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	6/30/2004	ND<0 005	ND<0.005	ND<0.005	ND<0 005	--	--	ND<0.005	--	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0 005	ND<0.005
MW-607	12/19/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/31/1996	ND<0.0003	--	--	--	--	--	--	--	--	--	ND<0.0003	ND<0 0003	ND<0.0003	--	--	--	**0.0011**	--
	12/17/1996	ND<0 001	**0.0033**	--	**0.027**	--	--	**0.002**	ND<0.001	**0.0036**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	**0.0017**	--	ND<0 002	--
	1/22/1998	ND<0 025	ND<0.025	--	**0.029**	--	--	ND<0.05	ND<0.025	ND<0.025	--	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	--	ND<0.05	ND<0.025

TABLE D2-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF TPH-g, VOCs, AND OXYGENATES RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	MC	n-BB	t-BB	n-PB	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	p-IsoPT	sec-BB	Phenol	PCE	*t*-1,2-DCE	TCE	1,2,4 TMB	1,3,5 TMB	TOX	VC	CB
	8/19/1998	ND<0 005	ND<0.005	--	ND<0 005	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	1/27/1999	ND<0 005	ND<0.005	--	**0.025**	--	--	ND<0.01	ND<0.005	ND<0.005	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.01	ND<0.005
	7/19/1999	ND<0.05	**0.0055**	--	**0.02**	--	--	ND<0.05	ND<0.005	**0.0052**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	--	ND<0.0025	ND<0.005
	1/11/2000	ND<0.02	ND<0.002	--	**0.0073**	--	--	ND<0.02	ND<0.002	**0.0033**	--	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	--	ND<0 001	ND<0.002
	7/31/2000	ND<0.02	ND<0.002	ND<0.002	**0.0038**	ND<0.011	ND<0 011	ND<0.01	ND<0.002	**0.0041**	ND<0.01	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.002	--	**0.0011**	ND<0.002
	2/7/2001	ND<0.01	ND<0.001	ND<0.001	**0.0013**	--	--	ND<0.01	ND<0.001	**0.0025**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	**0.00055**	ND<0.001
	7/24/2001	ND<0.01	ND<0.001	--	**0.0024**	--	--	ND<0.01	ND<0.001	**0.0033**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	--	ND<0.0005	ND<0.001
	5/7/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	**0.0037**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.002	--	ND<0.0005	ND<0.001
MW-607	9/24/2002	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	**0.0036**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.003	--	ND<0.0005	ND<0.001
	5/7/2002DUP	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	**0.0037**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.003	--	ND<0.0005	ND<0.001
	9/24/2002DUP	ND<0.01	ND<0.001	ND<1	ND<0 001	--	--	ND<0.01	ND<0.001	**0.0035**	--	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.003	--	ND<0.0005	ND<0.001
	6/30/2004	ND<0 005	ND<0.005	ND<0.005	**0.019**	--	--	ND<0.005	--	**0.005J**	--	ND<0.005	ND<0.005	ND<0.005	ND<0.005	**0.003J**	--	**0.003J**	ND<0.005
MW-A	2/20/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.25
Abandoned	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-B	2/25/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.0005
Abandoned	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-I	2/19/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.05
Abandoned	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-C	3/31/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	7/11/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/5/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/8/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/17/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-D	3/31/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	7/11/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/5/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/8/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/17/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-E	3/31/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abandoned	7/11/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/5/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/8/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/17/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:
Table recreated from Versar, Inc. *Revised Master Work Plan, CENCO Refining Company, Santa Fe Springs, California*, dated January 28, 2000
All concentrations reported in milligrams per liter (mg/L)
Blank - Not analyzed
ND<0.001 - Not detected above the laboratory reporting limit shown
* - Sample was analyzed by both EPA Methods 8010/8020 and 8240; highest detection value of the two analyses is shown
NS - Not sampled due to well damage, free product in well, or not scheduled for sampling
(A) - EPA Method 601/8010
(B) - EPA Method 602/8020
Abbreviations:

TPH-g = Total petroleum hydrocarbons as gasoline (Method 8020)
TPH-d = Total petroleum hydrocarbons as diesel (Method 8015)
TRPH = ASTM Method 2887 (unless otherwise indicated)
MTBE = Methyl tertiary butyl ether
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
BDCM = Bromodichloromethane
BCM = Bromochloromethane
c-1,2-DCE = cis-1,2-Dichloroethene
CB = Chlorobenzene
1,2-DCB = 1,2-Dichlorobenzene
1,1-DCA = 1,1-Dichloroethane
1,2-DCA = 1,2-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCP = 1,2-Dichloropropane
iso-PB = iso-Propylbenzene
MC = Methylene chloride
n-BB = n-Butylbenzene
n-PB = n-Propylbenzene
p-iso-PT = p-iso-Propyltoluene
sec-BB = sec-Butylbenzene
PCE = Tetrachloroethene
t-1,2-DCE = trans-1,2-Dichloroethene
TCE = Trichloroethene
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
TOX = Total halogenated volatile organics (ASTM Method 2885)
VC = Vinyl chloride
t-BB= Tertiary Butylbenzene

ABLE D2 B
HIS ORICAL GROUNDWA ER ANALY ICAL RESUL S
SUMMARY OF PH g VOCs AND OXYGENA ES RESUL S (ARCADIS BBL)

FORMER CENCO REF NERY
SAN A FE SPRINGS CALIFORNIA

Well D	Date	PH g	Acetone	Benzene	n Butylbenzene	sec Butylbenzene	Chloroethane	Chloroform	1 4 Dichlorobenzene	1 1 Dichloroethane	1 2 Dichloroethane	1 1 Dichloroethene
Operational Area 1: Bloomfield Property												
MW-106A	8/2/2006	**0 31**	NA	**0 0026**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/9/2006	**0 082**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/8/2007	**0 27**	NA	**0 0026**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
MW-107A	8/2/2006	**0 77**	NA	**0 0037**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/9/2006	**0 78**	NA	**0 024**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/8/2007	**0 5**	NA	**0 08**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
MW-203	8/2/2006	**0 24**	NA	**0 0031**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/9/2006	**0 26**	NA	**0 0025**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/8/2007	**0 15**	NA	**0 002**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
Area 2: East ank Farm Area												
MW-103	8/3/2006	**0 35**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/8/2006	**0 43**	NA	**0 0041**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/8/2007	**0 36**	NA	**0 036**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
MW-20	10/7/2005	**0 34**	ND<0.01	**0 0057**	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	ND<0.001	**0 0016**	ND<0.001
	2/15/2006	**0 111**	ND<0.1	**0 0015**	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	8/1/2006	**0 26**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/10/2006	**0 081**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/7/2007	**0 36**	NA	**0 0049**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
W-7	10/6/2006	ND<0.1	ND<0.01	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	ND<0.001	ND<0.0005	ND<0.001
	2/16/2006	**0 0609**	ND<0.1	ND<0 001	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	8/ /2006	ND<0 05	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/10/2006	ND<0 05	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/9/2007	ND<0 06	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
W-12	11/8/2006	**1 4**	NA	**0 016**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/7/2007	**4 8**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
Operational Area 3: Processing Area												
MW-10 A	10/7/2005	ND<0.1	ND<0.01	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	ND<0.001	ND<0.0005	ND<0.001
	2/15/2006	ND<0 05	ND<0.1	ND<0.001	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	2/7/2007	**0 54**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
MW-50	2/16/2006	**18**	ND<1	**0 675**	ND<0 05	ND<0 05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND 0.05	ND<0 05
	8/3/2006	**10**	NA	**1 5**	ND<0.005	**0 0054**	ND<0 005	ND<0.002	ND<0 002	ND<0.002	**0 0039**	ND<0.005
	11/10/2006	**6 2**	NA	**1**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/9/2007	**6 1**	NA	**0 14**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
W-9	11/7/2006	ND<0 05	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/6/2007	**0 067**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
W-10	11/8/2006	**26**	NA	**8 2**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/9/2007	**28**	NA	**6 4**	ND<0.5	ND<0.5	ND 0.5	ND 0.2	ND<0.2	ND<0 2	ND<0.2	ND<0.5
	DUP	**26**	NA	**5 1**	ND<0.5	ND<0.5	ND 0.5	ND 0.2	ND<0.2	ND<0 2	ND<0.2	ND<0.5
Area 4: West ank Farm Area												
MW-101	8/3/2006	**2 7**	NA	**0 089**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	**0 0084**
	11/9/2006	**1 9**	NA	**0 1**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	**0 0065**
	2/12/2007	**2 1**	NA	**0 24**	ND<0 02	ND<0 02	ND<0.02	ND<0.008	ND<0 008	ND<0.008	ND<0.008	ND<0 02
MW-105	10/6/2005	**0 3**	ND<0.01	ND<0 005	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	**0 0058**	**0 00058**	**0 01**
	DUP	**0 32**	ND<0.01	ND<0.005	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	**0 0057**	**0 00055**	**0 0096**
	2/15/2006	**0 205**	ND<0.1	ND<0 001	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	**0 0073**
	DUP	**0 204**	ND<0.1	ND<0 001	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	**0 0074**
	8/1/2006	**0 32**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	**0 0039**	ND<0.002	**0 0089**
	DUP	**0 33**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	**0 0039**	ND<0.002	**0 0085**
	11/8/2006	**0 23**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	**0 0038**	ND<0.002	**0 013**
	DUP	**0 23**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	**0 0038**	ND<0.002	**0 012**
	2/7/2007	**0 16**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	**0 0042**	ND<0.002	**0 012**
	DUP	**0 16**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	**0 0037**	ND<0.002	**0 01**
MW-201	10/7/2005	**3 4**	**0 093**	**0 74**	ND<0.005	**0 016**	ND<0 005	ND<0.005	ND<0 005	ND<0.005	0.03	ND<0.005
	2/15/2006	**1 89**	ND<0.1	**0 128**	ND<0.005	**0 0011**	ND<0 005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	8/2/2006	**1**	NA	**0 073**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/9/2006	**1 1**	NA	**0 058**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	**0 0051**	ND<0.002	ND<0.005
	2/7/2007	**1 1**	NA	**0 094**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
MW-205	10/6/2005	**0 85**	**0 017**	**0 055**	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	ND<0.001	ND<0.0005	ND<0.001
	2/15/2006	**0 411**	ND<0.1	**0 035**	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	8/2/2006	**0 56**	NA	**0 04**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/8/2006	**0 36**	NA	**0 007**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/7/2007	**0 15**	NA	**0 024**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
W-8	10/6/2005	**0 22**	ND<0.01	**0 00052**	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	ND<0.001	ND<0.0005	ND<0.001
	2/16/2006	**0 192**	ND<0.1	ND<0 001	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	8/ /2006	**0 13**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/10/2006	**0 21**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/9/2007	**0 13**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
W-11	11/9/2006	**5 2**	NA	**0 099**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	DUP	**12**	NA	**0 096**	**0 006**	ND<0.005	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/9/2007	**8**	NA	**0 095**	ND<0 01	ND<0 01	ND<0.01	ND<0.00	ND<0 00	ND<0.00	ND<0.00	ND<0 01
Operational Area 5: Lakeland Property												
MW-501A	8/3/2006	**24**	NA	**6 3**	**0 032**	**0 024**	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/10/2006	**13**	NA	**3 3**	ND<0.005	ND<0.005	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/12/2007	**13**	NA	**3 8**	ND<0.1	ND<0.1	ND 0.1	ND<0.0	ND<0.0	ND<0.0	ND 0.0	ND<0.1
MW-502	10/5/2005	**15**	ND<0.1	**0 9**	ND<0.1	ND<0.1	ND 0.1	ND 0.1	ND<0.1	ND<0.1	ND 0.05	ND<0.1
	2/1 /2006	**47 6**	ND<1	**1 28**	**0 032**	ND<0 05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND 0.05	ND<0 05
	8/ /2006	**20**	NA	**2 5**	**0 011**	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/10/2006	**35**	NA	**1 8**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/9/2007	**15**	NA	**2 2**	ND<1	ND<1	ND<1	ND 0.	ND<0.	ND<0.	ND<0.	ND<1
MW-503B	10/5/2005	**5 4**	ND<0 2	**1 1**	ND<0 02	ND<0 02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND 0.01	ND<0 02
	2/1 /2006	**5 45**	ND<1	**0 331**	ND<0 05	**0 018**	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND 0.05	ND<0 05
	8/ /2006	**4 7**	NA	**0 031**	ND<0.005	**0 018**	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/10/2006	**3 5**	NA	**0 026**	**0 021**	ND<0.005	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/9/2007	**1 6**	NA	**0 059**	ND<0.005	**0 017**	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
Operational Area 6: Former AS Area at Walker Property												
W-3A	2/16/2006	**0 306**	ND<0.1	ND<0 001	ND<0.005	**0 023**	ND<0 005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	8/3/2006	**39**	NA	**0 023**	**0 013**	ND<0.005	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/9/2006	**8 1**	NA	ND<0 002	**0 023**	**0 015**	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/8/2007	**1 4**	NA	ND<0 002	**0 011**	**0 0067**	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
Off S te Wells: Walker Property												
W-1	10/6/2005	**0 31**	**0 02**	**0 043**	ND<0.001	ND<0.001	**0 0012**	ND<0.001	**0 0011**	ND<0.001	ND<0.0005	ND<0.001
	2/15/2006	**0 266**	ND<0.1	**0 032**	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	8/3/2006	**1 1**	NA	**0 086**	ND<0.005	ND<0.005	**0 0056**	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/9/2006	**0 47**	NA	**0 1**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/8/2007	**0 5**	NA	**0 077**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
W-	10/6/2005	**0 35**	ND<0.01	**0 031**	ND<0.001	**0 0011**	ND<0 001	ND<0.001	ND<0 001	**0 0017**	ND<0.0005	ND<0.001
	2/15/2006	**0 501**	ND<0.1	**0 043**	ND<0.005	**0 002**	ND<0 005	ND<0.005	ND<0 005	**0 0025**	ND<0.005	ND<0.005
	8/3/2006	**2 8**	NA	**0 0035**	ND<0.005	ND<0.005	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/9/2006	**0 23**	NA	**0 0061**	ND<0.005	ND<0.005	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/8/2007	**0 2**	NA	**0 0031**	ND<0.005	ND<0.005	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
EW-1	11/10/2006	**4 8**	NA	**0 065**	**0 018**	**0 034**	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/9/2007	**4 1**	NA	**0 041**	**0 014**	**0 027**	ND<0 005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
Off S te Wells: Metropolitan State Hospital												
MW-603	10/6/2005	**0 15**	ND<0.01	**0 00082**	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	**0 008**	**0 012**	**0 1**
	2/1 /2006	**0 245**	ND<1	ND<0 001	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	**0 006**	**0 028**	**0 08**
	8/1/2006	**0 19**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	**0 0071**	**0 008**	**0 097**
	11/7/2006	**0 15**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	**0 0063**	**0 014**	**0 11**
	2/6/2007	**0 12**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	**0 006**	**0 017**	**0 089**
MW-60	11/7/2006	**0 33**	NA	**0 072**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/7/2007	**0 54**	NA	**0 0098**	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
MW-605	10/5/2005	ND<0.1	ND<0.01	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	ND<0.001	ND<0.0005	ND<0.001
	DUP	ND<0.1	ND<0.01	ND<0.0005	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	ND<0.001	ND<0.0005	ND<0.001
	2/1 /2006	**0 053**	ND<0.1	ND<0 001	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	DUP	ND<0 05	ND<0.1	ND<0.001	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	8/1/2006	ND<0 05	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	DUP	ND<0 05	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/7/2006	ND<0 05	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	DUP	ND<0 05	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/6/2007	ND<0 06	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	DUP	ND<0 07	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
MW-606	10/5/2005	**0 24**	**0 015**	**0 0056**	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0 001	ND<0.001	ND<0.0005	ND<0.001
	2/1 /2006	ND<0 05	ND<0.1	ND<0.001	ND<0.005	ND<0.005	ND<0.005	**0 0024**	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	8/1/2006	ND<0 05	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	**0 0024**	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/7/2006	ND<0 05	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	**0 0026**	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/6/2007	ND<0 06	NA	ND<0.002	ND<0.005	ND<0.005	ND<0.005	**0 0026**	ND<0 002	ND<0.002	ND<0.002	ND<0.005
MW-607	10/5/2005	**0 76**	**0 016**	**0 0012**	ND<0.001	**0 0027**	ND<0 001	ND<0.001	ND<0 001	ND<0.001	ND<0.0005	ND<0.001
	2/1 /2006	**0 373**	ND<0.1	ND<0 001	ND<0.005	**0 0026**	ND<0 005	ND<0.005	ND<0 005	ND<0.005	ND<0.005	ND<0.005
	8/1/2006	**0 35**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	11/7/2006	**0 21**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005
	2/6/2007	**0 59**	NA	ND<0 002	ND<0.005	ND<0.005	ND<0.005	ND<0.002	ND<0 002	ND<0.002	ND<0.002	ND<0.005

Well D	Date	c 1 2 Dichloroethene	t 1 2 Dichloroethene	Ethylbenzene	Isopropylbenzene	p Isopropyltoluene	Naphthalene	n Propylbenzene	etrachloroethene	oluene	richloroethene	richlorofluoromethane	1 2 3 richloropropane
Operational Area 1: Bloomfield Property													
MW-106A	8/2/2006	**0 013**	**0 021**	ND<0.002	**0 0075**	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/9/2006	**0 014**	**0 017**	ND<0.002	**0 0031**	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/8/2007	**0 015**	**0 02**	ND<0.002	**0 0096**	ND<0.002	ND 0.005	**0 0059**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
MW-107A	8/2/2006	**0 0039**	**0 021**	ND<0.002	**0 02**	ND<0.002	ND 0.005	**0 016**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/9/2006	**0 0062**	**0 0053**	**0 0047**	**0 022**	ND<0.002	ND 0.005	**0 018**	ND<0.002	ND<0.002	**0 0025**	ND<0.005	ND<0 01
	2/8/2007	**0 0096**	**0 0074**	**0 021**	**0 017**	ND<0.002	**0 0074**	**0 017**	ND<0.002	ND<0.002	**0 0039**	ND<0.005	ND<0 01
MW-203	8/2/2006	**0 018**	**0 0044**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/9/2006	**0 02**	**0 0048**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/8/2007	**0 021**	**0 0034**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
Area 2: East ank Farm Area													
MW-103	8/3/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/8/2006	ND<0.002	ND<0 002	ND<0.002	**0 0031**	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/8/2007	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
MW-20	10/7/2005	**0 0034**	ND<0 001	**0 0042**	**0 0011**	ND<0.001	ND<0.01	**0 0011**	ND<0.001	ND<0.001	ND 0.001	ND<0.01	ND<0.005
	2/15/2006	**0 0026**	ND<0 005	**0 0025**	ND 0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005
	8/1/2006	**0 0039**	ND<0 002	**0 0095**	ND 0.002	ND<0.002	ND 0.005	**0 002**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/10/2006	**0 0055**	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/7/2007	**0 0028**	ND<0 002	**0 011**	ND 0.002	ND<0.002	**0 0056**	**0 0021**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
W-7	10/6/2006	ND<0.001	ND<0 001	ND<0.001	ND 0.001	ND<0.001	ND<0.01	ND 0.01	ND<0.001	ND<0.001	ND 0.001	ND<0.01	ND<0.005
	2/16/2006	ND<0.005	ND<0 005	ND<0.005	ND 0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005
	8/ /2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/10/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/9/2007	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
W-12	11/8/2006	**0 0054**	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	**0 007**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/7/2007	**0 0068**	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
Operational Area 3: Processing Area													
MW-10 A	10/7/2005	**0 0034**	ND<0 001	ND<0.001	ND 0.001	ND<0.001	ND<0.01	ND 0.01	ND<0.001	ND<0.001	ND 0.001	ND<0.01	ND<0.005
	2/15/2006	**0 002**	ND<0 005	ND<0.005	ND 0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005
	2/7/2007	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
MW-50	2/16/2006	ND<0.05	ND<0.05	**0 262**	**0 038**	**0 16**	**0 082**	**0 03**	ND<0.05	**0 076**	ND<0.05	ND<0.05	ND<0 05
	8/3/2006	**0 002**	ND<0 002	**0 15**	**0 038**	**0 011**	**0 054**	**0 028**	ND<0.002	**0 051**	ND 0.002	ND<0.005	ND<0 01
	11/10/2006	ND<0.002	ND<0 002	**0 13**	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/9/2007	ND<0.002	ND<0 002	**0 013**	**0 018**	**0 014**	**0 049**	**0 0065**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
W-9	11/7/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/6/2007	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
W-10	11/8/2006	ND<0.002	ND<0 002	**0 57**	**0 051**	ND<0.002	**0 34**	**0 07**	ND<0.002	**5**	ND 0.002	ND<0.005	ND<0 01
	2/9/2007	ND<0 2	ND 0.2	**0 52**	ND<0.2	ND 0.2	ND<0.5	ND 0.2	ND<0.2	**2 2**	ND<0.2	ND<0 5	ND<2
	DUP	ND<0 2	ND 0.2	**0 41**	ND<0.2	ND 0.2	ND<0.5	ND 0.2	ND<0.2	**1 6**	ND<0.2	ND<0 5	ND<2
Area 4: West ank Farm Area													
MW-101	8/3/2006	**0 026**	**0 0024**	**0 0036**	**0 0027**	ND<0.002	ND 0.005	ND<0.002	ND<0.002	**0 034**	ND 0.002	ND<0.005	ND<0 01
	11/9/2006	**0 033**	**0 0022**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	**0 021**	ND<0.005	ND<0 01
	2/12/2007	**0 047**	ND<0 008	ND<0.008	**0 0048**	ND<0.008	ND<0.02	ND<0.008	ND<0.008	ND<0.008	ND 0.008	ND<0.02	ND<0 0
MW-105	10/6/2005	**0 01**	**0 0037**	ND<0.001	ND 0.001	ND<0.001	ND<0.01	ND<0.001	**0 0065**	ND<0.001	**0 041**	ND<0.01	ND<0.005
	DUP	**0 01**	**0 0039**	ND<0.001	ND 0.001	ND<0.001	ND<0.01	ND<0.001	**0 0045**	ND<0.001	**0 034**	ND<0.01	ND<0.005
	2/15/2006	**0 0088**	**0 0032**	ND<0.005	ND 0.005	ND<0.005	ND 0.005	ND<0.005	**0 0044**	ND<0.005	**0 036**	ND<0.005	ND<0.005
	DUP	**0 0088**	**0 003**	ND<0.005	ND 0.005	ND<0.005	ND 0.005	ND<0.005	**0 004**	ND<0.005	**0 034**	ND<0.005	ND<0.005
	8/1/2006	**0 0095**	**0 0039**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	**0 006**	ND<0.002	**0 042**	ND<0.005	ND<0 01
	DUP	**0 01**	**0 0038**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	**0 0054**	ND<0.002	**0 039**	ND<0.005	ND<0 01
	11/8/2006	**0 0089**	**0 0041**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	**0 017**	ND<0.002	**0 062**	ND<0.005	ND<0 01
	DUP	**0 0089**	**0 0042**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	**0 016**	ND<0.002	**0 059**	ND<0.005	ND<0 01
	2/7/2007	**0 012**	**0 0048**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	**0 019**	ND<0.002	**0 057**	ND<0.005	ND<0 01
	DUP	**0 012**	**0 0043**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	**0 015**	ND<0.002	**0 047**	ND<0.005	ND<0 01
MW-201	10/7/2005	**0 049**	ND<0 005	**0 47**	**0 085**	**0 021**	**0 12**	**0 086**	ND<0.005	**0 037**	ND 0.005	ND<0.005	ND<0.005
	2/15/2006	**0 0081**	ND<0 005	**0 015**	**0 0053**	ND<0.005	ND 0.005	0.0033	ND<0.005	**0 0025**	**0 0016**	ND<0.005	ND<0.005
	8/2/2006	**0 013**	ND<0 002	**0 0082**	**0 0043**	ND<0.002	ND 0.005	**0 003**	ND<0.002	ND<0.002	**0 013**	ND<0.005	ND<0 01
	11/9/2006	**0 025**	ND<0 002	**0 049**	**0 013**	**0 0033**	**0 022**	**0 016**	ND<0.002	**0 0034**	**0 03**	ND<0.005	ND<0 01
	2/7/2007	0.025	ND<0 002	**0 0086**	**0 003**	ND<0.002	ND 0.005	**0 0023**	ND<0.002	ND<0.002	**0 0074**	ND<0.005	ND<0 01
MW-205	10/6/2005	**0 0042**	ND<0 001	ND<0.001	ND 0.001	ND<0.001	ND<0.01	ND<0.001	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0.001
	2/15/2006	**0 019**	ND<0 005	ND<0.005	ND 0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005
	8/2/2006	**0 035**	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/8/2006	**0 048**	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/7/2007	**0 032**	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
W-8	10/6/2005	ND<0.001	ND<0 001	ND<0.001	ND 0.001	ND<0.001	ND<0.01	ND 0.01	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0.001
	2/16/2006	ND<0.005	ND<0 005	ND<0.005	ND 0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005
	8/ /2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/10/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/9/2007	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
W-11	11/9/2006	**0 018**	ND<0 002	**0 074**	**0 015**	**0 0032**	ND 0.005	**0 018**	ND<0.002	**0 012**	ND 0.002	ND<0.005	ND<0 01
	DUP	**0 018**	ND<0 002	**0 054**	**0 012**	**0 003**	ND 0.005	**0 016**	ND<0.002	**0 0078**	ND 0.002	ND<0.005	ND<0 01
	2/9/2007	**0 015**	ND<0 00	**0 078**	**0 017**	ND<0.00	ND<0.01	**0 012**	ND<0.00	**0 014**	ND 0.00	ND<0.01	ND<0 02
Operational Area 5: Lakeland Property													
MW-501A	8/3/2006	ND<0.002	ND<0 002	**0 17**	**0 12**	ND<0.002	**0 032**	**0 14**	ND<0.002	**0 032**	ND 0.002	ND<0.005	ND<0 01
	11/10/2006	ND<0.002	ND<0 002	**0 1**	**0 14**	ND<0.002	ND 0.005	**0 25**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/12/2007	ND<0.0	ND<0.0	**0 13**	**0 16**	ND 0.0	ND<0.1	**0 38**	ND<0.0	ND<0 0	ND<0.0	ND<0.1	ND<0.2
MW-502	10/5/2005	ND<0.1	ND 0.1	**0 43**	ND<0.1	ND 0.1	ND<0.1	**0 11**	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
	2/1 /2006	ND<0.05	ND<0.05	**0 616**	**0 087**	ND 0.05	**0 183**	**0 117**	ND<0.05	**0 032**	ND<0.05	ND<0.05	ND<0 05
	8/ /2006	ND<0.002	ND<0 002	**0 16**	**0 055**	**0 0094**	**0 13**	**0 052**	ND<0.002	**0 038**	ND 0.002	ND<0.005	ND<0 01
	11/10/2006	ND<0.002	ND<0 002	**0 82**	**0 15**	ND<0.002	**0 29**	**0 18**	ND<0.002	**0 051**	ND 0.002	ND<0.005	ND<0 01
	2/9/2007	ND<0.	ND 0.	**0 5**	ND<0.	ND 0.	ND<1	ND 0.	ND<0.	ND<0.	ND<0.	ND<1	ND<2
MW-503B	10/5/2005	ND<0.02	ND<0.02	**0 073**	**0 061**	ND 0.02	ND<0.2	**0 09**	ND<0.02	ND<0 02	ND<0.02	ND<0.02	ND<0 02
	2/1 /2006	ND<0.05	ND<0.05	**0 012**	**0 069**	ND 0.05	ND<0.05	**0 056**	ND<0.05	ND<0 05	ND<0.05	ND<0.05	ND<0 05
	8/ /2006	**0 0072**	**0 0031**	**0 0035**	**0 047**	ND<0.002	ND 0.005	**0 029**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	**0 022**
	11/10/2006	**0 0049**	ND<0 002	**0 0047**	**0 07**	ND<0.002	ND 0.005	**0 083**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/9/2007	**0 011**	**0 0022**	ND<0.002	**0 045**	ND<0.002	ND 0.005	**0 029**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
Operational Area 6: Former AS Area at Walker Property													
W-3A	2/16/2006	ND<0.005	ND<0 005	ND<0.005	**0 019**	**0 0082**	ND 0.005	**0 027**	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005
	8/3/2006	ND<0.002	ND<0 002	ND<0.002	**0 019**	ND<0.002	**0 038**	**0 025**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/9/2006	ND<0.002	ND<0 002	ND<0.002	**0 012**	**0 0077**	**0 037**	**0 026**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/8/2007	ND<0.002	ND<0 002	ND<0.002	**0 011**	ND<0.002	**0 03**	**0 014**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
Off S te Wells: Walker Property													
W-1	10/6/2005	ND<0.001	**0 0016**	ND<0.001	**0 0044**	ND<0.001	ND 0.001	ND<0.001	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0.001
	2/15/2006	ND<0.005	**0 0013**	ND<0.005	**0 0043**	ND<0.005	ND 0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005
	8/3/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/9/2006	ND<0.002	ND<0 002	ND<0.002	**0 016**	ND<0.002	ND 0.002	**0 011**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/8/2007	ND<0.002	ND<0 002	ND<0.002	**0 018**	ND<0.002	ND 0.002	**0 0094**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
W-	10/6/2005	**0 0064**	ND<0 001	ND<0.001	**0 0059**	ND<0.001	ND<0.01	**0 0042**	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0.001
	2/15/2006	**0 0028**	ND<0 005	ND<0.005	**0 012**	ND<0.005	ND 0.005	**0 0075**	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005
	8/3/2006	ND<0.002	ND<0 002	ND<0.002	**0 0025**	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/9/2006	**0 0051**	ND<0 002	ND<0.002	**0 0042**	ND<0.002	ND 0.005	**0 0032**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/8/2007	**0 0047**	ND<0 002	ND<0.002	**0 0037**	ND<0.002	ND 0.005	**0 0028**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
EW-1	11/10/2006	**0 0063**	**0 0084**	**0 068**	**0 12**	ND<0.002	**0 042**	**0 11**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/9/2007	**0 0065**	**0 0078**	**0 039**	**0 1**	ND<0.002	**0 026**	**0 08**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
Off S te Wells: Metropolitan State Hospital													
MW-603	10/6/2005	**0 022**	**0 0073**	ND<0.001	ND 0.001	ND<0.001	ND<0.01	ND<0.001	**0 16**	ND<0.001	**0 15**	ND<0.001	ND<0.001
	2/1 /2006	**0 017**	**0 0035**	ND<0.005	ND 0.005	ND<0.005	ND 0.005	ND<0.005	**0 103**	ND<0.005	**0 11**	ND<0.005	ND<0.005
	8/1/2006	**0 022**	**0 0037**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	**0 15**	ND<0.002	**0 12**	ND<0.005	ND<0 01
	11/7/2006	**0 021**	**0 0033**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	**0 17**	ND<0.002	**0 12**	ND<0.005	ND<0 01
	2/6/2007	**0 019**	**0 0027**	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	**0 14**	ND<0.002	**0 092**	ND<0.005	ND<0 01
MW-60	11/7/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.005	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/7/2007	ND<0.002	ND<0 002	ND<0.002	**0 01**	ND<0.002	ND 0.005	**0 007**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
MW-605	10/5/2005	ND<0.001	ND<0 001	ND<0.001	ND 0.001	ND<0.001	ND<0.01	ND<0.001	**0 0043**	ND<0.001	**0 02**	ND<0.001	ND<0.001
	DUP	ND<0.001	ND<0 001	ND<0.001	ND 0.001	ND<0.001	ND<0.01	ND<0.001	**0 0045**	ND<0.001	**0 02**	ND<0.001	ND<0.001
	2/1 /2006	ND<0.005	ND<0 005	ND<0.005	ND 0.005	ND<0.005	ND 0.005	ND<0.005	**0 0053**	ND<0.005	**0 021**	ND<0.005	ND<0.005
	DUP	ND<0.005	ND<0 005	ND<0.005	ND 0.005	ND<0.005	ND 0.005	ND<0.005	**0 0042**	ND<0.005	**0 017**	ND<0.005	ND<0.005
	8/1/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	**0 0085**	ND<0.002	**0 026**	ND<0.005	ND<0 01
	DUP	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	**0 0092**	ND<0.002	**0 026**	ND<0.005	ND<0 01
	11/7/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	**0 02**	ND<0.002	**0 029**	ND<0.005	ND<0 01
	DUP	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	**0 021**	ND<0.002	**0 029**	ND<0.005	ND<0 01
	2/6/2007	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	**0 035**	ND<0.002	**0 035**	ND<0.005	ND<0 01
	DUP	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	**0 038**	ND<0.002	**0 034**	ND<0.005	ND<0 01
MW-606	10/5/2005	ND<0.001	ND<0 001	ND<0.001	ND 0.001	ND<0.001	ND<0.01	ND<0.001	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0.001
	2/1 /2006	ND<0.005	ND<0 005	ND<0.005	ND 0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	**0 0038**	ND<0.005
	8/1/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/7/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	ND<0.002	**0 0067**	ND 0.002	ND<0.005	ND<0 01
	2/6/2007	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
MW-607	10/5/2005	ND<0.001	ND<0 001	ND<0.001	**0 0091**	ND<0.001	ND<0.01	**0 012**	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0.001
	2/1 /2006	ND<0.005	ND<0 005	ND<0.005	**0 008**	ND<0.005	ND 0.005	**0 011**	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0.005
	8/1/2006	ND<0.002	ND<0 002	ND<0.002	**0 0066**	ND<0.002	ND 0.002	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	11/7/2006	ND<0.002	ND<0 002	ND<0.002	ND 0.002	ND<0.002	ND 0.002	ND<0.002	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01
	2/6/2007	ND<0.002	ND<0 002	ND<0.002	**0 0068**	ND<0.002	ND 0.002	**0 013**	ND<0.002	ND<0.002	ND 0.002	ND<0.005	ND<0 01

Well D	Date	1 2 4 rimethylbenzene	1 3 5 r methylbenzene	Vinyl Chlor de	p/m Xylene	o Xylene	otal Xylenes	ert Amyl Methyl Ether (AME)	Methyl tert Butyl Ether (M BE)	ert Butyl Alcohol (BA)	Diisopropyl Ether (DIPE)	1 4 Dioxane
Operational Area 1: Bloomfield Property												
MW-106A	8/2/2006	ND<0 002	ND<0.002	**0 01**	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/9/2006	ND<0 002	ND<0.002	**0 007**	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/8/2007	ND<0 002	ND<0.002	**0 013**	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 00061**
MW-107A	8/2/2006	ND<0 002	ND<0.002	ND<0.005	**0 0034**	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/9/2006	ND<0 002	ND<0.002	ND<0.005	**0 0091**	ND<0.002	**0 0092**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/8/2007	ND<0 002	ND<0.002	ND<0.005	**0 025**	ND<0.002	**0 026**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	ND<0.000 8
MW-203	8/2/2006	ND<0 002	ND<0.002	**0 011**	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/9/2006	ND<0 002	ND<0.002	**0 01**	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/8/2007	ND<0 002	ND<0.002	**0 0097**	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 0019**
Area 2: East ank Farm Area												
MW-103	8/3/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 071**	**0 2**	ND<0 005	NA
	11/8/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 041**	**0 16**	ND<0 005	NA
	2/8/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 026**	**0 19**	ND<0 005	**0 002**
MW-20	10/7/2005	**0 0023**	**0 0012**	ND 0.0005	**0 0021**	ND<0.001	**0 0021**	ND<0.002	ND<0 001	**0 09**	ND<0 002	NA
	2/15/2006	**0 0026**	**0 0012**	ND<0.005	**0 0014**	ND<0.005	**0 0014**	ND<0.005	ND<0 001	**0 091**	ND<0 001	NA
	8/1/2006	**0 014**	**0 0067**	ND<0.005	**0 0081**	ND<0.002	**0 0082**	ND<0.005	ND<0 005	**0 067**	ND<0 005	NA
	11/10/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/7/2007	**0 025**	**0 016**	ND<0.005	**0 014**	ND<0.002	**0 015**	ND<0.005	ND<0 005	**0 064**	ND<0 005	**0 0014**
W-7	10/6/2006	ND<0 001	ND<0.001	ND<0.0005	ND<0.001	ND<0.001	ND 0.002	ND<0.002	ND<0 001	ND<0.01	ND<0 002	NA
	2/16/2006	**0 0011**	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0 001	ND<0.01	ND<0 001	NA
	8/ /2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/10/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/9/2007	**0 0022**	ND<0.002	ND<0.005	**0 0026**	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	ND<0.000 8
W-12	11/8/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	**0 055**	ND<0 005	NA
	2/7/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	**0 05**	ND<0 005	**0 001**
Operational Area 3: Processing Area												
MW-10 A	10/7/2005	ND<0 001	ND<0.001	ND<0.0005	ND<0.001	ND<0.001	ND 0.002	ND<0.002	ND<0 001	**0 083**	ND<0 002	NA
	2/15/2006	ND<0 005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0 001	**0 03**	ND<0 001	NA
	2/7/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	**0 12**	ND<0 005	**0 00064**
MW-50	2/16/2006	**0 152**	**0 106**	ND<0.05	**0 391**	**0 12**	**0 511**	ND<0.01	**0 013**	ND<0.1	ND<0.01	NA
	8/3/2006	**0 098**	**0 09**	ND<0.005	**0 36**	**0 13**	**0 49**	ND<0.005	**0 0093**	ND<0.05	ND<0 005	NA
	11/10/2006	**0 049**	**0 098**	ND<0.005	**0 22**	ND<0.002	**0 26**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/9/2007	**0 038**	**0 064**	ND<0.005	**0 12**	**0 0085**	**0 13**	ND<0.005	ND<0 005	**0 098**	ND<0 005	**0 0045**
W-9	11/7/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/6/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 00072**
W-10	11/8/2006	**0 36**	**0 11**	ND<0.005	**2 1**	**0 82**	**2 9**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/9/2007	**0 28**	ND<0 2	ND<0 5	**2 2**	**0 71**	**2 9**	ND<0.5	ND<0.5	ND 5	ND 0.5	**0 0064**
	DUP	**0 26**	ND<0 2	ND<0 5	**1 8**	**0 57**	**2 3**	ND<0.5	ND<0.5	ND 5	ND 0.5	**0 0077**
Area 4: West ank Farm Area												
MW-101	8/3/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/9/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/12/2007	ND<0 008	ND<0.008	ND<0.02	ND<0.008	ND<0.008	ND 0.016	ND<0.02	ND<0.02	**0 072**	ND<0.02	**0 0022**
MW-105	10/6/2005	ND<0 001	ND<0.001	**0 0014**	ND<0.001	ND<0.001	ND 0.002	ND<0.001	ND<0 001	**0 025**	**0 0021**	NA
	DUP	ND<0 001	ND<0.001	**0 0014**	ND<0.001	ND<0.001	ND 0.002	ND<0.001	ND<0 001	**0 031**	**0 0023**	NA
	2/15/2006	ND<0 005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0 001	**0 027**	**0 0011**	NA
	DUP	ND<0 005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.005	ND<0 001	**0 027**	**0 0012**	NA
	8/1/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	**0 051**	ND<0 005	NA
	DUP	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	**0 057**	ND<0 005	NA
	11/8/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	DUP	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/7/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 0013**
	DUP	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 0015**
MW-201	10/7/2005	**0 033**	**0 016**	ND 0.0025	**0 073**	**0 018**	**0 091**	ND<0.005	ND<0 005	**0 13**	ND<0.01	NA
	2/15/2006	**0 0012**	ND<0.005	ND<0.005	**0 0063**	ND<0.005	**0 0063**	ND<0.001	ND<0 001	**0 02**	ND<0 001	NA
	8/2/2006	ND<0 002	ND<0.002	ND<0.005	**0 0041**	ND<0.002	**0 0044**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/9/2006	**0 0048**	ND<0.002	ND<0.005	**0 011**	**0 0029**	**0 013**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/7/2007	ND<0 002	ND<0.002	ND<0.005	**0 0051**	ND<0.002	**0 0054**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 0011**
MW-205	10/6/2005	ND<0 001	ND<0.001	ND<0.0005	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0 001	ND<0.01	ND<0 002	NA
	2/15/2006	ND<0 005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.001	ND<0 001	ND<0.01	ND<0 001	NA
	8/2/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/8/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/7/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 00091**
W-8	10/6/2005	ND<0 001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0 001	ND<0.01	ND<0 002	NA
	2/16/2006	ND<0 005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.001	ND<0 001	ND<0.01	ND<0 001	NA
	8/ /2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/10/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/9/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	ND<0.00051
W-11	11/9/2006	**0 073**	**0 04**	ND<0.005	**0 24**	**0 037**	**0 28**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	DUP	**0 06**	**0 034**	ND<0.005	**0 14**	**0 021**	**0 16**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/9/2007	**0 056**	**0 028**	ND<0.01	**0 28**	**0 027**	**0 3**	ND<0.01	ND<0.01	ND<0.1	ND<0.01	**0 001**
Operational Area 5: Lakeland Property												
MW-501A	8/3/2006	**0 0062**	**0 025**	ND<0.005	**0 05**	**0 0061**	**0 056**	ND<0.005	**0 7**	**0 084**	ND<0 005	NA
	11/10/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**1 1**	ND<0.05	ND<0 005	NA
	2/12/2007	ND<0.0	**0 044**	ND<0.1	ND 0.0	ND<0 0	ND<0.08	ND<0.1	**1 1**	ND<1	ND 0.1	**0 013**
MW-502	10/5/2005	ND 0.1	**0 11**	ND<0.05	**0 11**	ND<0.1	ND<0.1	ND<0.1	**15**	ND<0.1	ND 0.2	NA
	2/1 /2006	**0 086**	**0 139**	ND<0.05	**0 182**	ND<0 05	**0 182**	ND<0.01	**29 3**	ND<0.1	ND<0.01	NA
	8/ /2006	**0 16**	**0 098**	ND<0.005	**0 73**	ND<0.002	**0 74**	**0 0069**	**29**	**0 79**	ND<0 005	NA
	11/10/2006	**0 11**	**0 24**	ND<0.002	**0 25**		**0 26**	ND<0.005	**19**	ND<0.05	ND<0 005	NA
	2/9/2007	ND 0.	ND<0.	ND<1	**0 56**	ND<0.	ND<0.8	ND<1	**23**	ND<10	ND<1	**0 0076**
MW-503B	10/5/2005	ND<0.02	ND<0.02	ND<0.01	**0 038**	ND<0 02	ND<0.02	ND<0.02	ND<0.02	ND<0.2	ND<0.0	NA
	2/1 /2006	ND<0.05	ND<0.05	ND<0.05	ND 0.25	ND<0 25	ND<0.05	ND<0.01	ND<0.01	ND<0.1	ND<0.01	NA
	8/ /2006	ND<0 002	ND<0.002	**0 0058**	**0 0021**	**0 002**	**0 0041**	ND<0.005	**0 0076**	ND<0.05	ND<0 005	NA
	11/10/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/9/2007	ND<0 002	ND<0.002	**0 0054**	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 0076**
Operational Area 6: Former AS Area at Walker Property												
W-3A	2/16/2006	**0 018**	**0 016**	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.001	**0 0062**	**0 016**	ND<0 001	NA
	8/3/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 009**	ND<0.05	ND<0 005	NA
	11/9/2006	**0 0064**	**0 0095**	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 011**	ND<0.05	ND<0 005	NA
	2/8/2007	**0 0039**	**0 0061**	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 0084**	ND<0.05	ND<0 005	**0 0019**
Off S te Wells: Walker Property												
W-1	10/6/2005	ND<0 001	ND<0.001	**0 0071**	ND<0.001	ND<0.001	ND 0.001	ND<0.001	**0 025**	**0 034**	ND<0 002	NA
	2/15/2006	ND<0 005	ND<0.005	**0 0033**	ND<0.005	ND<0.005	ND 0.005	ND<0.001	**0 022**	**0 037**	ND<0 001	NA
	8/3/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 077**	**0 1**	ND<0 005	NA
	11/9/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 065**	**0 078**	ND<0 005	NA
	2/8/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 021**	ND<0.05	ND<0 005	**0 00095**
W-	10/6/2005	ND<0 001	ND<0.001	**0 0013**	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0 001	**0 047**	ND<0 002	NA
	2/15/2006	ND<0 005	ND<0.005	**0 0024**	ND<0.005	ND<0.005	ND 0.005	ND<0.001	ND<0 001	**0 038**	ND<0 001	NA
	8/3/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/9/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/8/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 0021**
EW-1	11/10/2006	**0 0069**	ND<0.002	ND<0.005	**0 016**	ND<0.002	**0 017**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/9/2007	**0 0051**	**0 0023**	ND<0.005	**0 0094**	ND<0.002	**0 01**	ND<0.005	ND<0 005	ND<0.05	ND<0 005	ND<0.000 9
Off S te Wells: Metropolitan State Hospital												
MW-603	10/6/2005	ND<0 001	ND<0.001	**0 0016**	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0 001	ND<0.01	ND<0 002	NA
	2/1 /2006	ND<0 005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.001	**0 0017**	**0 018**	ND<0 001	NA
	8/1/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/7/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/6/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 0058**
MW-60	11/7/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 015**	**0 065**	ND<0 005	NA
	2/7/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	**0 02**	**0 06**	ND<0 005	ND<0.000 9
MW-605	10/5/2005	ND<0 001	ND<0.001	ND<0.0005	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0 001	ND<0.01	ND<0 002	NA
	DUP	ND<0 001	ND<0.001	ND<0.0005	ND<0.001	ND<0.001	ND 0.001	ND<0.001	ND<0 001	ND<0.01	ND<0 002	NA
	2/1 /2006	ND<0 005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.001	ND<0 001	ND<0.01	ND<0 001	NA
	DUP	ND<0 005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.001	ND<0 001	ND<0.01	ND<0 001	NA
	8/1/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	DUP	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/7/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	DUP	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/6/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 0015**
	DUP	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	**0 0016**
MW-606	10/5/2005	ND<0 001	ND<0.001	**0 0032**	ND<0.001	ND<0.001	ND 0.001	ND<0.001	**0 0048**	**0 042**	ND<0 002	NA
	2/1 /2006	ND<0 005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND 0.005	ND<0.001	ND<0 001	ND<0.01	ND<0 001	NA
	8/1/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	11/7/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	NA
	2/6/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	ND<0.05	ND<0 005	ND<0.000 8
MW-607	10/5/2005	ND<0 001	ND<0.001	**0 0012**	ND<0.001	ND<0.001	ND 0.001	ND<0.001	**0 0017**	**0 074**	ND<0 002	NA
	2/1 /2006	ND<0 005	ND<0.005	**0 001**	ND<0.005	ND<0.005	ND 0.005	ND<0.001	**0 0021**	**0 057**	ND<0 001	NA
	8/1/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	**0 12**	ND<0 005	NA
	11/7/2006	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	**0 077**	ND<0 005	NA
	2/6/2007	ND<0 002	ND<0.002	ND<0.005	ND<0.002	ND<0.002	ND 0.00	ND<0.005	ND<0 005	**0 13**	ND<0 005	**0 0028**

NO ES:
All concentrations reported in mi ligrams per iter (mg/L)
NA - Not analyzed for
ND<0.001 - Not detected above the laboratory reporting limit shown
TPH-g - Total petro eum hydrocarbons as gasoline

TABLE D3-A
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF INTRINSIC BIOREMEDIATION PARAMETER RESULTS (PREVIOUS CONSULTANTS)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Total Heterotrophic Bacteria (cfu/mL	Pseudomonas Bacteria (MPN/100)	Methane (mg/L)	Ferrous Iron (mg/L)	Alkalinity (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
MW-104 A	7/22/1999	520	ND	NS	0 2	851	<0.050	45
	1/13/2000	ND	ND	0.322	0.88	849	<0.10	35
	8/3/2000	640	11	NS	0.93	798	<0.10	59
	2/7/2001	4400	<1	0.289	0 2	790	<0.10	98
	5/7/2002	NS	NS	0.257	3	720	<0.10	150
	9/24/2002	NS	NS	0.229	0.22	650	<0.10	250
MW-205	7/22/1999	100	ND	NS	0 5	648	<0.050	249
	1/11/2000	40	ND	2 24	0.95	771	<0.10	35
	8/3/2000	2200	36	NS	<0.10	794	<0.10	51
	2/7/2001	5600	<1	0.033	<0.10	740	<0.10	116
	5/8/2002	NS	NS	0.228	<0.10	610	<0.10	360
	9/23/2002	NS	NS	1.39	0.19	780	<0.10	64
MW-502	7/23/1999	28000	ND	NS	5 5	808	<0.050	<2
	1/13/2000	14000	ND	15.4	1.4	828	<0.10	4
	8/2/2000	10	<1	NS	0.85	834	<0.10	<2
	2/7/2001	24000	<1	0.984	0.7	840	<0.10	2
	5/9/2002	NS	NS	7 05	0.75	830	<0.10	<1.0
	9/23/2002	NS	NS	5.83	<0.10	850	<0.10	<1.0
MW-605	7/20/1999	40	ND	NS	<0.10	467	4.13	200
	1/11/2000	18	ND	NS	<0.10	486	5.2	181
	8/2/2000	<1	<1	NS	<0.10	530	5.8	203
	2/7/2001	1600	<1	NS	<0.10	510	7	164
	5/7/2002	NS	NS	<0.0010	<0.10	480	8.4	220
	9/24/2002	NS	NS	<0.0010	<0.10	490	8.3	220
MW-606	7/20/1999	72	ND	NS	<0.10	400	7.94	177
	1/11/2000	2.0	ND	NS	<0.10	390	8.6	236
	8/2/2000	<1	<1	NS	<0.10	406	8.8	260
	2/7/2001	3300	<1	<0.001	<0.10	390	9	261
	5/7/2002	NS	NS	<0.0010	<0.10	400	8.4	250
	9/24/2002	NS	NS	<0.0010	<0.10	390	8.6	280

NOTES:
Concentrations reported as "<" are not detected (ND) at or above the stated laboratory reporting limit
cfu/mL = colony forming units per milliliter
MPN/100 = most probable number of bacteria per 100 milliliters of sample
mg/L = Milligrams per liter
NS = Not sampled
ND = Bacteria were not detected
Duplicate sample data are shown in parentheses
Data table created from the following reports: *Semi-Annual Groundwater Monitoring Report: February 2001 Monitoring Event* , by Versar, dated June 6, 2001;
Semi-Annual Groundwater Monitoring Report: September 2002 Monitoring Event , by TRC, dated December 9, 2002.

TABLE D3-B
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF INTRINSIC BIOREMEDIATION PARAMETER RESULTS (ARCADIS BBL)

FORMER CENCO REFINERY
SANTA FE SPRINGS, CALIFORNIA

Well ID	Date	Methane (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Alkalinity (mg/L)	Ferrous Iron (mg/L)
MW-104A	10/7/2005	0.0695	<0.10	89	570	<0.10
	2/15/2006	0.059	<0.44	56.3	803	<0.10
	8/1/2006	Well temporarily capped/covered below ground surface for temporary roadway. Well reconstructed in January 2007.				
	11/7/2006	Well temporarily capped/covered below ground surface for temporary roadway. Well reconstructed in January 2007.				
	2/7/2007	<0.05	1.2	57	500	<0.10
MW-205	10/6/2005	3.33	<0.10	63	3600	0.44
	2/15/2006	1.036	<0.44	341	630	<0.10
	8/2/2006	8.10	<0.15	430	610	0.3
	11/8/2006	1.50	<0.11	470	530	0.6
	2/7/2007	0.22	<0.11	420	620	<0.1
MW-503B	10/5/2005	1.38	<0.10	24.00	730	<0.10
	2/14/2006	0.581	<0.44	36.5	713	<0.10
	8/4/2006	1.20	<0.15	58.00	700	0.2
	11/10/2006	1.70	<0.11	66.00	560	0.1
	2/9/2007	0.62	<0.11	150.00	680	<0.1
MW-605	10/5/2005	0.00125 (<0.001)	8.3 (8.3)	180 (170)	500 (500)	<0.10 (<0.10)
	2/14/2006	<0.005 (<0.005)	38.2 (37.8)	182 (184)	450 (460)	<0.10 (<0.10)
	8/1/2006	8.6 (8.6)	8.6 (8.6)	230 (230)	460 (460)	<0.10 (<0.10)
	11/7/2006	<0.05 (<0.05)	7.2 (6.6)	200 (200)	460 (470)	<0.10 (<0.10)
	2/6/2007	<0.05 (<0.05)	6.5 (6.5)	210 (210)	470 (480)	<0.10 (<0.10)
MW-606	10/5/2005	0.178	3.0	170	540	<0.10
	2/14/2006	<0.005	34.0	334	400	<0.10
	8/1/2006	<0.05	7.8	340	370	<0.10
	11/7/2006	<0.05	7.9	280	400	<0.10
	2/6/2007	<0.05	9.3	300	370	<0.10

NOTES:
Concentrations reported as "<" are not detected (ND) at or above the stated laboratory reporting limit
mg/L - Milligrams per liter
NS - Not sampled
Duplicate sample data are shown in parentheses