**From:** Michael A. Francis <MFrancis@DDSFFIRM.com>
**Sent:** Tuesday, March 31, 2015 3:18 PM
**To:** Olinger, Keith
**Cc:** Berninger, Stephen; James C Stull; dwood@wshblaw.com; Jennifer T. Taggart
**Subject:** RE: Releasability Review: Continental Heat (10643 Norwalk Blvd)
**Attachments:** Response 4 and 6 - 2002.03.01_Centec Phase II.PDF

Keith and Steve—

Since yesterdays' below e-mail exchange, CHT has learned that the attached report was previously provided to the RWQCB. Accordingly, CHT withdraws its assertion of confidentiality with respect to the attached document. Thanks.

Michael A. Francis
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**From:** Michael A. Francis
**Sent:** Monday, March 30, 2015 2:53 PM
**To:** 'Olinger, Keith'
**Cc:** 'tgarner@toeroek.com'; Berninger, Stephen; 'James C Stull'; dwood@wshblaw.com; Jennifer T. Taggart
**Subject:** RE: Releasability Review: Continental Heat (10643 Norwalk Blvd)

Keith—

This attached document must be kept confidential and it was provided to EPA with the understanding that it would be kept confidential by EPA. Continental Heat Treating, Inc. ("CHT") was provided this document pursuant to a third party confidentiality agreement which requires this document be maintained as confidential.

Below are the responses to the EPA's questions.

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a specified event, or permanently?---Permanently.

2. What measures have you taken to guard against the undesired disclosure of the information to others? Do you intend to continue to take such measures?---CHT has not disclosed this attached document to others except the EPA as a confidential disclosure. Yes, CHT intends to continue to take such measures.

3. Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?---This document has not been disclosed to anyone other than to EPA as a confidential disclosure.

4. Is the information reasonably obtainable without the Company's consent by other persons (e.g. the information is contained in any publicly available material such as the Internet, library, publicly available databases, promotional publications, annual reports, or articles?) Is there any means by which a member of the public could obtain access to the information?---CHT believes that a substantial portion of the information contained in the attached document is obtainable without CHT's consent. For example, the RWQCB has significant files regarding the investigations performed at the Jalk Fee and CHT sites. Such files contain most if not all of the data/information contained in the confidential document.

5. Has any Federal governmental body made a determination as to the confidentiality of the information? If so, please attach a copy of the determination.---CHT is not aware of any such determination.

6. For each category of information claimed as confidential, explain with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as substantial, and the causal relationship between disclosure and such harmful effects. --- CHT was provided this document pursuant to a third party confidentiality agreement which requires this document be maintained as confidential.

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If the business asserts that the information is voluntarily submitted information, whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.---CHT provided the attached confidential document in response to a mandatory requirement. This was a response to an EPA CERCLA 104(e) information request.

8. Any other issue you deem relevant.--- CHT was provided this document pursuant to a third party confidentiality agreement which requires this document be maintained as confidential. Further, at the time this file was provided to EPA, CHT believed that it was engaged in settlement discussions with EPA regarding the Omega Chemical Corporation Superfund Site. Accordingly, CHT also asserts that this document is protected by a settlement communication privilege.

Thank you for bringing this matter to my attention. FYI, I will be out of the country between April 2 and 19, 2015 and I will have very little, if any, internet access during this period.

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**From:** Olinger, Keith [mailto:Olinger.Keith@epa.gov]
**Sent:** Monday, March 30, 2015 2:14 PM
**To:** Michael A. Francis
**Cc:** 'tgarner@toeroek.com'; Berninger, Stephen
**Subject:** Releasability Review: Continental Heat (10643 Norwalk Blvd)

Michael -

I'm following up on a matter regarding the attached Phase II report regarding the CERCLA Section 104(e) response you sent to EPA. The report was part of Continental Development Company, L.P.'s 4/24/2014 104e response. I don't view this as being a privileged or confidential document and, except for redacting some privacy-related information (i.e., phone numbers and addresses), I am recommending that EPA label it a releasable document, available to the public.

Because we've received a request for information that encompasses your 4/24/14 response, **please let me know by Friday, April, 3 2015** if you do intend to assert a claim of confidentiality over the document. If I don't hear back from you, I will proceed as if you do not wish to make any such claim over the document.

If you are claiming this as confidential business information (CBI), we will need to ask you/your client to substantiate such claim, in accordance with 40 C.F.R. Part 2, Subpart B. In order to substantiate the claim, we would ask that you answer the following questions for each item or class of information that you identify as being subject to CBI, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a specified event, or permanently?

2. What measures have you taken to guard against the undesired disclosure of the information to others? Do you intend to continue to take such measures?

3. Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?

4. Is the information reasonably obtainable without the Company's consent by other persons (e.g. the information is contained in any publicly available material such as the Internet, library, publicly available databases, promotional publications, annual reports, or articles?) Is there any means by which a member of the public could obtain access to the information?

5. Has any Federal governmental body made a determination as to the confidentiality of the information? If so, please attach a copy of the determination.

6. For each category of information claimed as confidential, explain with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as substantial, and the causal relationship between disclosure and such harmful effects.

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If the business asserts that the information is voluntarily submitted information, whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.

8. Any other issue you deem relevant.

Thanks for your attention to this matter.

Keith

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# PHASE II

# SITE INVESTIGATION REPORT

-For property located at-

CONTINENTAL HEAT TREATING

10643 SOUTH NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CENTEC PROJECT #041082

-Prepared for-

FREEMAN, FREEMAN & SMILEY, LLP

-Prepared by-


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Steven N. Collins, REA
Principal

Daniel R. Louks, R.G.
Registered Geologist #4883


REGISTERED GEOLOGIST
DANIEL R. LOUKS
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Exp. 11/02
STATE OF CALIFORNIA

March 1, 2002

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## 1.0 INTRODUCTION

Centec Engineering, Inc. (Centec) was retained by Freeman, Freeman & Smiley, LLP to perform a Phase II subsurface investigation on the subject property located at 10643 South Norwalk Boulevard, Santa Fe Springs, California 90670. The site is a rectangular, level parcel comprising approximately 70,000 square feet improved with a large industrial warehouse and office building of 20,000 square feet. The property is situated on the west side of Norwalk Boulevard, a few hundred feet north of Florence Avenue, as shown on the Site Location map (Map A) included in the Appendix. The purpose of this investigation is to further investigate and define the presence of volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), that had been detected previously in soil gas samples collected in the northwest corner of the property. The scope of work was also designed to investigate two other potential areas of environmental concern, including the hazardous material storage area in the southwest corner of the property and the in-ground clarifier located outside the east wall of the building.

## 2.0 BACKGROUND

The subject property is occupied by Continental Heat Treating (CHT), as it has been since the building was constructed in 1969. Heat treating operations are conducted inside the building, which occupies the east half of the property, while the remainder of the property is asphalt-paved for parking and storage. CHT processes metal parts with heat to perform carbon nitriding and nitriding on the surface of the metal.

Although reportedly no longer used, CHT housed a solvent degreaser in the center of the building from 1986 to 1995. Soil samples collected from a 10-foot deep boring adjacent to the in-ground, metal-walled degreaser set within a concrete vault in 1995 identified maximum concentrations of PCE (7,514 $\mu$g/kg) and TCE (4,759 $\mu$g/kg). Subsequent investigations identified VOCs down to the depth of groundwater (65 feet bgs) in soils near the degreaser, as well as in soil gas samples collected in 1996 at 5 feet bgs in sample location SG-4 (PCE = 198 $\mu$g/L) and 15 feet bgs in SG-14 (PCE = 41,300 $\mu$g/L) adjacent to the northern property line in the northwest corner of the property. This area of the CHT property has not been reported as an area where VOCs have been utilized or stored, and is developed with a fenced enclosure containing large aboveground storage tanks for liquid nitrogen and liquid hydrogen, which have reportedly been in place since approximately 1971.

The CHT property is bordered on the north by the previously vacant Mobil "Jalk Fee" property and on the west by a Hathaway property, where a "boneyard" for abandoned equipment had been situated adjacent to the northwest corner of the CHT property until recently. The Mobil site is currently being redeveloped for the future construction of two industrial warehouse buildings. The Mobil property had been used for oil production and storage, as well as other uses, for several decades. Significant soil and groundwater contamination had been detected on the Mobil property at least as far back as 1990. Of specific interest to Centec's current investigation was the fact that

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PCE was detected in significant concentrations on the Mobil property near CHT's northwest corner. Specifically, extremely elevated concentrations of PCE were detected at 6 feet bgs in Mobil's borings SEP-1 (2,600 mg/kg) and SEP-2 (78 mg/kg), and at 10 feet bgs in GP-15 (27,000 mg/kg), all of which were within 10 feet of the CHT property. Other significant areas of PCE contamination were also identified on the Mobil site, including 55,000 mg/kg at a location approximately 55 feet north of the CHT property line. Approximately 2,600 tons of VOC-impacted soil were excavated and removed from three areas of the Mobil property in 1998, including a small excavation slightly north of CHT's northwest corner.

In consideration of a need to better understand the nature and extent of the elevated VOCs detected in soil gas samples collected in the northwest corner of the property, Freeman, Freeman & Smiley, LLP, acting on behalf of the property owners, determined it would be prudent to conduct a site investigation to gather pertinent data throughout the property. Centec was therefore retained to conduct investigations in the northwest corner of the property, as well as adjacent to the hazardous material storage area and the in-ground clarifier utilized to settle and discharge cooling tower blowdown wastes and possibly other liquid wastes. This report summarizes the activities completed and results obtained.

## 3.0 SITE INVESTIGATION

On December 6, 2001, Centec conducted the field activities, including the drilling and sampling of 13 soil borings throughout the property. Prior to drilling, all of the proposed boring locations and areas to be investigated were cleared of underground utilities and other possible metallic obstructions by Goldak, Inc., a professional utility locator and magnetic anomaly surveyor. All of the field activities were directly overseen by Mr. Daniel Louks, a California Registered Geologist with Centec Engineering, Inc.

### 3.1 Soil Sampling Procedures

All of the soil borings were completed with hydraulic press drilling equipment provided and operated by Vironex. Three different drill rigs were utilized, including a 6600, a 5400, and a limited-access "Badger" rig. To collect samples, a 1.5-inch diameter probe was hydraulically hammered into the ground. The bottom 2-foot section of probe contains pre-cleaned brass liners used to collect a relatively undisturbed, discrete soil sample. Once the desired depth was reached, the tip of the probe was opened, and the probe was extended deeper to collect the soil sample. Upon retrieval of the sampler, a discrete soil sample was collected from the lower tube utilizing "Encore"samplers according to EPA Method 5035. Once sealed and secured, each sample was labeled and stored in a chilled cooler pending delivery under strict chain-of-custody procedures to California-certified Cal Tech Environmental Laboratories for chemical analysis (DHS Cert. #2424). Soils from the second brass tube at each sample location were screened in the field with a PID for VOCs and for visual and

olfactory indications of obvious discoloration or contamination. Each sample was used for lithologic description by Mr. Louks.

After drilling, each bore hole was backfilled with bentonite and patched to grade. Between each sampling event, the metal casing of the sampling probe was thoroughly washed in a tri-sodium, non-phosphate solution and then rinsed in both tap and deionized water using the "three-bucket-wash" method.

The boring locations were chosen to representatively collect soil samples from accessible areas of likely concern. A Site Plan (Map B) in the Appendix identifies the locations of the various borings in relation to pertinent site features. Map C provides greater detail of the borings in the northwest corner of the property.

Seven of the borings were completed around the fenced enclosure in the northwest corner of the property, specifically to further identify and define VOCs detected in the 1996 soil gas samples. Borings CB-1 through CB-6 were completed to depths of 35-40 feet bgs, with soil samples collected at successive 5-foot intervals. (Drilling efforts were terminated when dense soil conditions or refusal prevented further GeoProbe penetration after 30 minutes of effort.) Boring CB-13 was completed immediately adjacent to former soil gas sample SG-14, with soil samples collected at 15 and 20 feet bgs. These boring locations are shown on both of the Site Plans.

Three borings were completed around the immediate perimeter of the hazardous waste storage area. Boring CB-7 was drilled vertically at the west end of the bermed concrete pad, while borings CB-8 and CB-9 were drilled at a 20° angle under the pad from its northern side. Soil samples were collected at depths of 2, 5, and 10 feet bgs in these three borings.

The final three borings were drilled with the limited access-rig adjacent to the clarifier at the east side of the property. The clarifier is situated within a landscaped area between the east wall of the building and the sidewalk fronting Norwalk Boulevard, and the trees and bushes necessitated the use of the limited-access GeoProbe. The four-stage clarifier (including the smaller test chamber at the effluent end) was noted to be 4 feet wide, 10 feet long, and 8 feet deep. Borings CB-10 and CB-12 were drilled adjacent to the influent and effluent pipes, respectively, with soil samples collected at depths of 5, 10 and 15 feet bgs. Boring CB-11 was drilled adjacent to the third chamber, with soil samples collected at 10 and 15 feet bgs.

A total of 64 soil samples were successfully collected and delivered later that day to Cal Tech Environmental Laboratories in Paramount, California. The chain of custody forms are included in Exhibit 2 of the Appendix.

The sampling activities indicated subsurface soils are comprised of fine-grained materials of low plasticity, including primarily silty clay in the upper 10 feet, underlain primarily by silt, silty clay and clayey silt down to 40 feet bgs. Lenses of very fine sand were noted in the upper 15 feet and clayey silts/silty clays were generally noted

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at 25 feet bgs. No obvious hydrocarbon odors, discolored soils, or other indications of significant contamination were detected in the borings, other than slight organic or solvent odors in the 25-35 foot samples from CB-1 and the 30-foot sample from CB-2. Several samples from these borings, as well as the 20-foot sample from CB-13, displayed relatively elevated PID readings (>50 ppm). No moist soils or indications of groundwater were encountered during the drilling activities. Groundwater is known to be present at approximately 65 feet bgs in this immediate vicinity, according to information available from wells installed on the Mobil "Jalk Fee" property and a well installed inside the CHT building. Groundwater reportedly flows southerly in this vicinity. The nearest drinking water well (Well Number 07 operated by the City of Pico Rivera) is approximately one mile northeast of the CHT property. Boring logs prepared by Mr. Daniel Louks, a California Registered Geologist, are included in Exhibit 1of the Appendix.

## 4.0 LABORATORY ANALYSES AND RESULTS

All of the soil samples collected from the borings completed at the subject site (except for CB-5-10') were selected for laboratory analyses. All of the selected soil samples were analyzed for a full range of VOCs according to EPA Method 8260B. All of the analyses were completed by Cal Tech Environmental Laboratories (DHS #2424) in Paramount, California.

The laboratory analytical results found detectable concentrations of VOCs in most of the soil samples analyzed. Specifically, PCE was the primary analyte detected (51 of the 63 samples analyzed contained at least detectable concentrations of PCE >0.005 mg/kg), with only a few samples containing trace concentrations of TCE (0.007-0.014 mg/kg) and Cis, 1,2-Dichloroethene (0.0057-0.083 mg/kg). Trace concentrations of apparent gasoline-related compounds were also detected in CB-2-10' and CB-11-15'.

Most of the PCE concentrations were detected in the samples collected in the northwest corner, with the highest levels noted in samples collected at 25 feet bgs. In borings CB-1, CB-3, CB-4, and CB-6, PCE was detected in the 25-foot samples in concentrations ranging from 1.3-2.5 mg/kg. Concentrations of PCE in samples collected above 25 feet in this area ranged from ND-0.88 mg/kg, while below 25 feet they ranged from ND-0.69 mg/kg (except 1.6 mg/kg PCE was detected in CB-6-35'). In CB-13, PCE was detected at 0.30 mg/kg at 15 feet bgs (compared to 41,300 $\mu$g/L in soil gas sample SG14-15' in 1996) and at 0.0073 mg/kg at 20 feet bgs.

In samples collected elsewhere on the property, concentrations of PCE ranged from ND-0.40 mg/kg, and no TCE was detected.

The analytical results of the soil samples analyzed are summarized in Table 1 in the Appendix. The complete laboratory reports and the chain of custody forms are included in Exhibit 2.

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## 5.0 CONCLUSIONS AND RECOMMENDATIONS

Centec Engineering has completed a Phase II subsurface investigation for the Continental Heat Treating facility at 10643 South Norwalk Boulevard in Santa Fe Springs, California. The investigation was conducted to establish a current status of the soils at the site. The investigation was promulgated in part by a concern over elevated concentrations of VOCs and other contaminants detected in nearby soils at the adjacent Mobil site, many of which were not removed by Mobil during excavation activities conducted in 1998, and by an interest to resolve lingering environmental concerns regarding the presence of volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), that had been detected previously in soil gas samples collected in the northwest corner of the property. The investigation was also conducted to assess two other potential areas of environmental concern on the property. A total of thirteen borings were completed by Centec throughout the property.

In seven borings completed to a maximum depth of 40 feet bgs in the northwest corner of the property, VOCs were detected in most of the samples collected. Generally low levels of VOCs, primarily PCE, were detected in shallower samples collected from 5-20 feet bgs (ND-0.88 mg/kg PCE) in this vicinity, while elevated concentrations of PCE were detected in 4 of the 6 samples collected at 25 feet bgs (1.3-2.5 mg/kg). The borings were completed into accessible drilling locations around a fenced enclosure containing aboveground storage tanks for liquid nitrogen and hydrogen, which has reportedly been in place for 30 years. Hazardous materials are not otherwise used or stored in this area of the property. The overall collection of data and information for this area tends to suggest that a migration of VOCs had occurred onto the subject property from the adjacent Mobil site, likely along the silty clay/clayey silt layer noted at 25 feet bgs. (Reports prepared for the Mobil site indicated "a very tight, dry, clayey silt is located approximately 15 to 20 feet below grade and exists throughout most of the investigated area.")

In the three borings completed adjacent to the hazardous waste storage area in the southwest corner of the property, two of which were slant-drilled under the bermed concrete storage pad, relatively low concentrations of PCE (<0.5 mg/kg) were detected in 5 of the 9 samples collected. At 10 feet bgs, the deepest samples collected in this area, PCE was detected at a maximum concentration of 0.016 mg/kg. No other VOCs were detected. This does not suggest that a significant release of VOCs has occurred in this area.

In the three borings completed adjacent to the in-ground clarifier at the northeast corner of the property, PCE was only detected at trace concentrations (0.0075-0.012 mg/kg) in 3 of the 8 samples, and were underlain by samples without detectable levels of PCE. Other than trace concentrations of xylene and trimethylbenzene, no other VOCs were detected. This does not suggest that a significant release of VOCs has occurred in this area.

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Based on the findings of this investigation, it would not appear that significant additional actions are necessary or warranted for the areas investigated. Although elevated concentrations of PCE, as well as other VOCs, were detected in the northwest corner of the property, they are primarily trapped within dense clayey soils at 25 feet bgs and would not appear to be from an obvious on-site source. It is known that substantially higher concentrations of VOCs were documented throughout the adjacent Mobil property from its decades of prior use as an oil production and storage facility and lessor to various tenants, with the highest concentrations generally reported at shallow depths that were apparently impacted by surface spillage. It is also known that Mobil excavated significant areas of their impacted soil down to 11-15 feet bgs, but were allowed to leave in place soils that were known to contain extremely elevated levels of PCE and other VOCs, including PCE at least up to 27,000 mg/kg near Continental Heat Treating's northwest corner. In consideration of these factors, it would not appear that significant further regulatory requirements for the Continental Heat Treating site would be reasonable or consistent.

## 6.0 LIMITATIONS

This Limited Subsurface Environmental Site Assessment was performed in accordance with generally and currently accepted engineering practices and principles. The investigation was necessarily limited by time and expense to the number of sample locations and laboratory analyses completed. Although efforts were made to obtain results that would be indicative of subsurface conditions, no further conclusions regarding the absence or presence of subsurface contamination at the site should be construed or inferred other than those expressly stated in this report. The conclusions made are based on information obtained from visual observations, information provided by others, independent laboratory analytical results, and from relevant Federal, State, regional, and local agencies. Although Centec Engineering believes that the information contained herein is reliable, no guarantee is made as to the accuracy of information provided to Centec by others. This report was prepared for the use of Freeman, Freeman & Smiley, LLP and/or assigns.

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## APPENDIX

**MAP A** - SITE LOCATION

**MAP B** - SITE PLAN

**MAP C** - SITE PLAN - DETAIL OF NORTHWEST CORNER

**TABLE 1** - SUMMARY OF SOIL SAMPLE RESULTS

**EXHIBIT 1** - BORING LOGS

**EXHIBIT 2** - LABORATORY ANALYTICAL RESULTS

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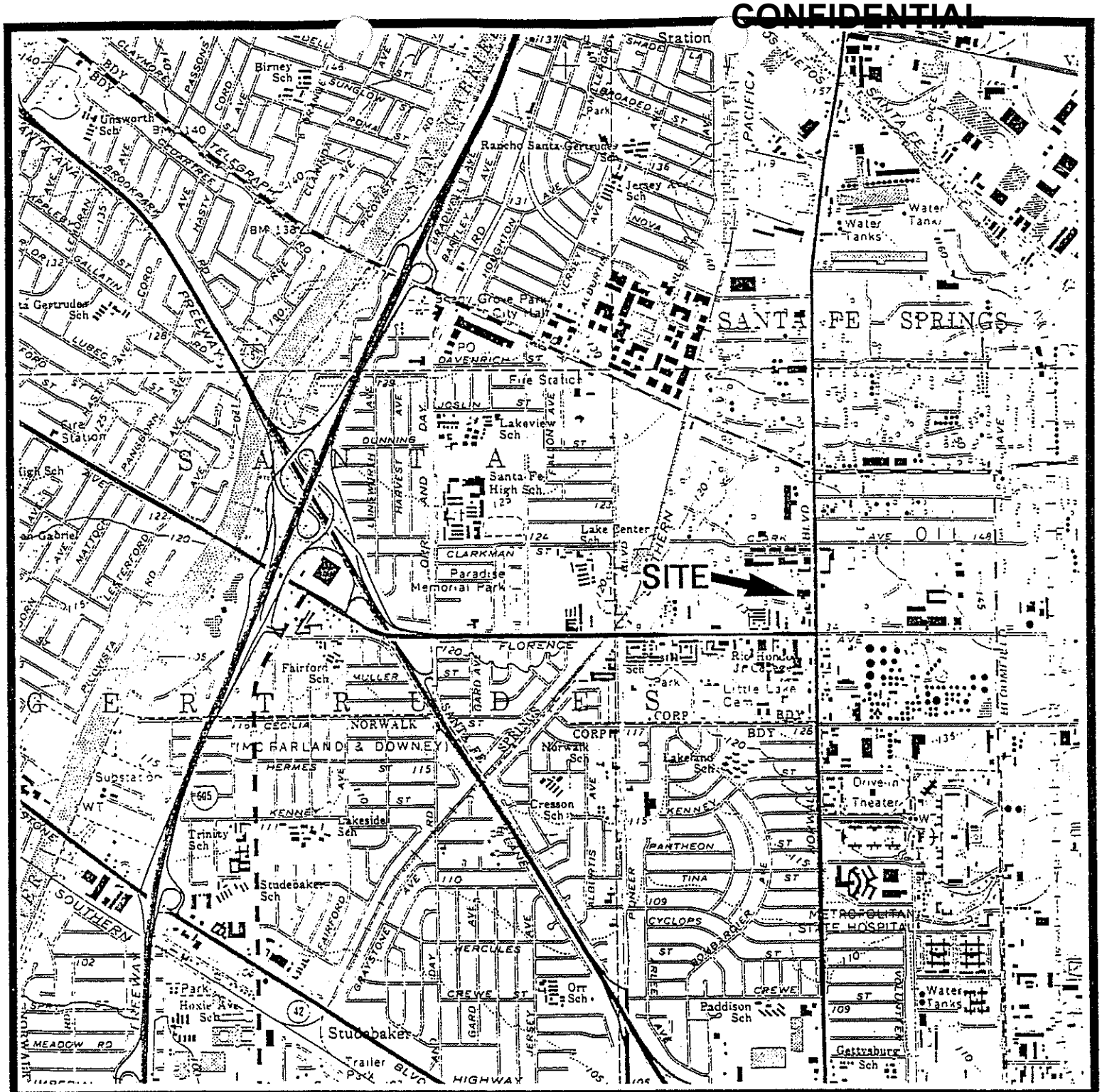


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# MAP A

## SITE LOCATION

SCALE (in feet)

0 2000 4000

N

Continental Heat Treating, Inc.
10643 S. Norwalk Blvd.
Santa Fe Springs, CA 90670

SOURCE: USGS 7.5 TOPOGRAPHIC MAP
WHITTIER QUADRANGLE

Centec Project #0041082

SITE LOCATION

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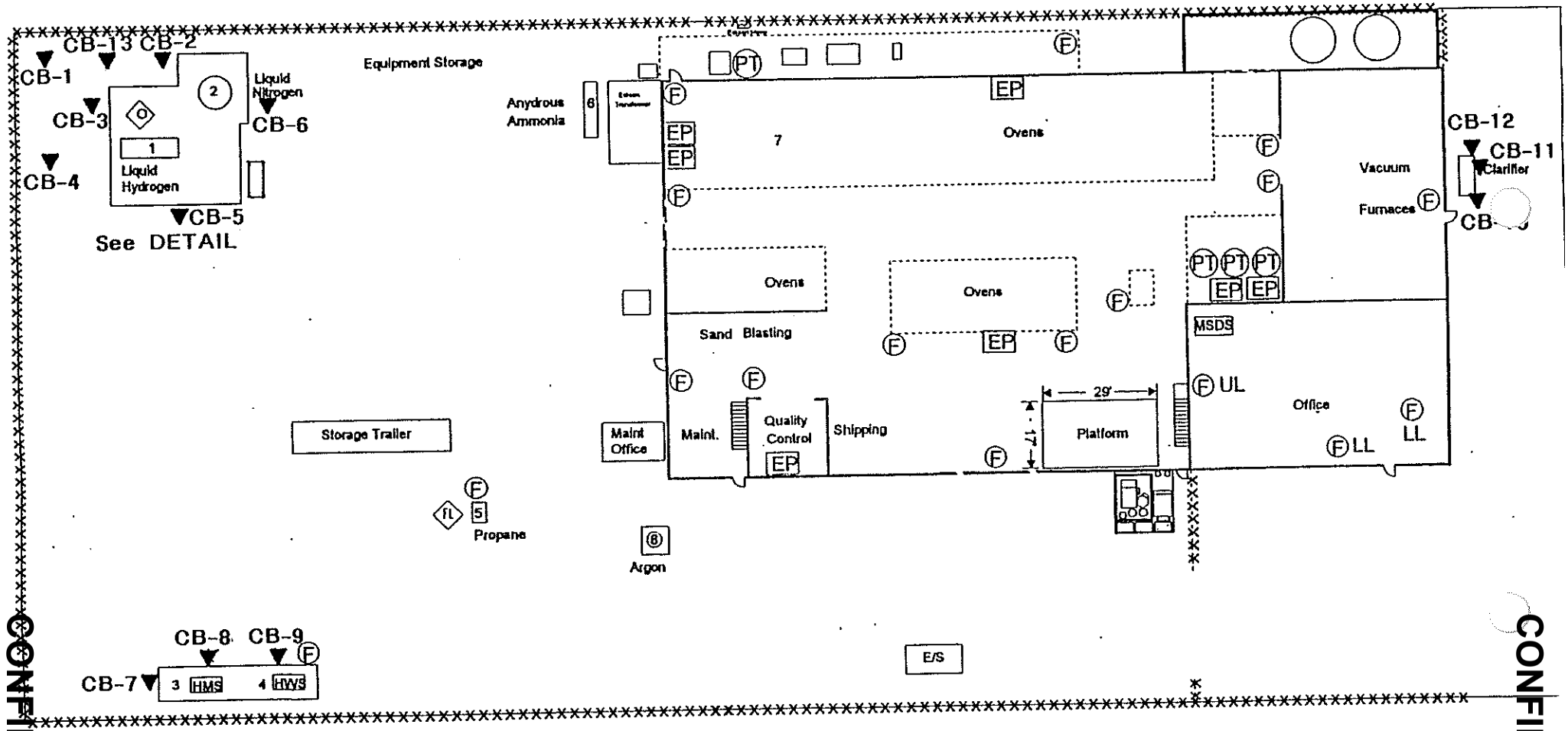


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(F) = Fire Extinguisher

EP = Electrical Panel

(PT) = Pressure Tank

▼ = Centec Soil Boring

50' Scale

**Continental Heat Treating, Inc.**

10643 S. Norwalk Blvd.

Santa Fe Springs, CA 90670

**MAP B**

**SITE PLAN**

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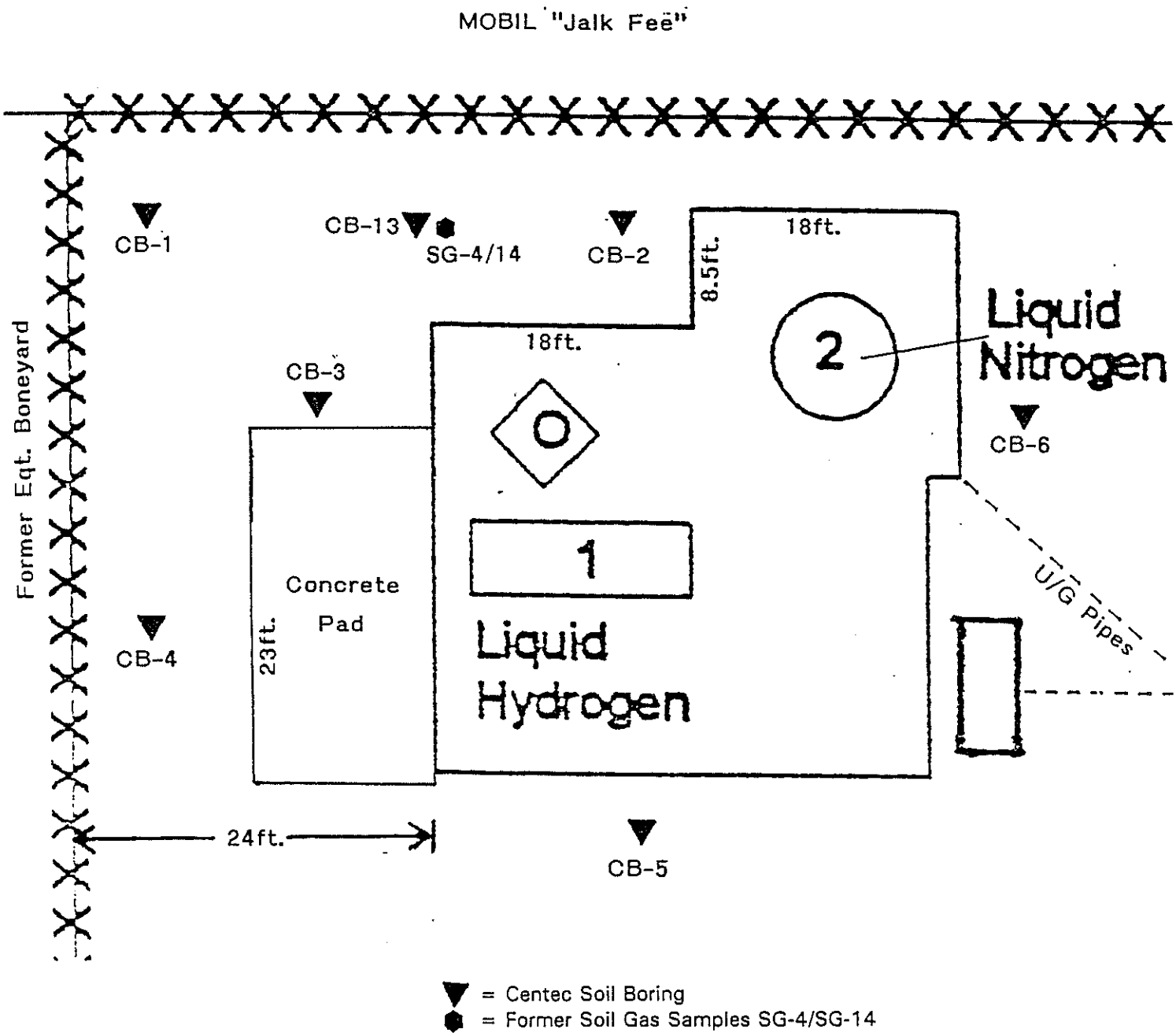


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# MAP C
# SITE PLAN

SCALE (in feet)

0 10 20

N

Detail of Northwest Corner

Continental Heat Treating, Inc.
10643 S. Norwalk Blvd.
Santa Fe Springs, CA 90670

Centec Project #041082

SITE LOCATION

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# TABLE 1

## SUMMARY OF SOIL SAMPLE RESULTS

## CONTINENTAL HEAT TREATING
## 10643 S. Norwalk Boulevard, Santa Fe Springs, CA

All analytical results shown in mg/kg (parts per million)

| Boring # | Depth ft. bgs | PCE | TCE | Other VOCs |
|---|---|---|---|---|
| CB-1 | 5 | 0.20 | ND | ND |
| | 10 | 0.32 | ND | ND |
| | 15 | 0.88 | 0.007 | ND |
| | 20 | 0.12 | ND | ND |
| | 25 | 1.30 | 0.011 | DCE=0.083 |
| | 30 | 0.087 | ND | ND |
| | 35 | 0.042 | ND | ND |
| CB-2 | 5 | 0.069 | ND | ND |
| | 10 | 0.18 | ND | ** |
| | 15 | ND | ND | ND |
| | 20 | 0.47 | ND | ND |
| | 25 | 0.010 | ND | ND |
| | 30 | 0.092 | ND | ND |
| | 35 | 0.36 | ND | ND |
| | 40 | 0.0062 | ND | ND |
| CB-3 | 5 | 0.23 | ND | ND |
| | 10 | 0.048 | ND | ND |
| | 15 | 0.0093 | ND | ND |
| | 20 | 0.13 | ND | ND |
| | 25 | 1.7 | 0.0071 | DCE=0.027 |
| | 30 | 0.39 | ND | DCE=0.010 |
| | 35 | 0.040 | ND | ND |
| CB-4 | 5 | 0.19 | ND | ND |
| | 10 | 0.22 | ND | ND |
| | 15 | 0.010 | ND | ND |
| | 20 | 0.24 | ND | ND |
| | 25 | 1.9 | 0.014 | DCE=0.034 |
| | 30 | 0.026 | ND | ND |
| | 35 | 0.032 | ND | ND |
| | 40 | 0.69 | 0.009 | ND |
| CB-5 | 5 | 0.14 | ND | ND |
| | 10 | -- | -- | -- |
| | 15 | 0.31 | ND | ND |
| | 20 | ND | ND | ND |
| | 25 | ND | ND | ND |
| | 30 | 0.44 | ND | ND |
| | 35 | 0.022 | ND | ND |

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| Boring # | Depth ft. bgs | PCE | TCE | Other VOCs |
|---|---|---|---|---|
| CB-6 | 5 | 0.18 | ND | ND |
| | 10 | 0.20 | ND | ND |
| | 15 | 0.028 | ND | ND |
| | 20 | 0.13 | ND | ND |
| | 25 | 2.5 | 0.016 | ND |
| | 30 | 0.56 | ND | ND |
| | 35 | 1.6 | 0.016 | DCE=0.0057 |
| | 40 | 0.010 | ND | ND |
| CB-7 | 2 | ND | ND | ND |
| | 5 | ND | ND | ND |
| | 10 | 0.016 | ND | ND |
| CB-8 | 2 | 0.40 | ND | ND |
| | 5 | 0.010 | ND | ND |
| | 10 | 0.0068 | ND | ND |
| CB-9 | 2 | 0.032 | ND | ND |
| | 5 | ND | ND | ND |
| | 10 | ND | ND | ND |
| CB-10 | 5 | 0.010 | ND | ND |
| | 10 | 0.0075 | ND | ND |
| | 15 | ND | ND | ND |
| CB-11 | 10 | ND | ND | ND |
| | 15 | ND | ND | m,p-Xylene=0.014<br>Trimethylbenzenes=0.044 |
| CB-12 | 5 | 0.012 | ND | ND |
| | 10 | ND | ND | ND |
| | 15 | ND | ND | ND |
| CB-13 | 15 | 0.30 | ND | ND |
| | 20 | 0.0073 | ND | ND |

**NOTES:** Samples collected 12/6/01 and analyzed 12/7-12/10/01.
EPA Method 8260B utilized for all sample analyses.
PCE = Tetrachloroethene
TCE = Trichloroethene
Other VOCs = Other Volatile Organic Compounds - only analytes identified above Method Detection Limits are noted.
DCE = Cis,1,2-Dichloroethene
** = Low concentrations of ethylbenzene (0.015), xylenes (0.115), n-Propylbenzene (0.016), 1,3,5-Trimethylbenzene (0.036), 1,24-Trimethylbenzene (0.11), n-Butylbenzene (0.017), and napthalene (0.021) also detected
ft. bgs = Feet below ground surface
ND = Not Detected at or Above Method Detection Limits
— = Not analyzed

CENTEC engineering

**EXHIBIT 1**

BORING LOGS

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: Freeman, Freeman, Smiley
PROJECT NAME: Continental Heat Treating
DATE: 12/06/01
BEGIN DRILLING: 10:55 a.m.
END DRILLING: 11:55 a.m.

BORING NUMBER: CB-1
BORING LOGGED BY: Dan Louks, R.G. #4883
DRILLING CONTRACTOR: Vironex
DRILLING METHOD: Geo Probe
SITE LOCATION: 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 11:00 | 5 | | Soil | 2.7 | Silty clay, brown, low-med plasticity, trace very fine sand, no odor | CL | CB-1-5' |
| 11:05 | 10 | | Soil | 7.6 | Silty clay, brown, low plasticity, trace very fine silt, no odor | CL | CB-1-10' |
| 11:15 | 15 | | Soil | 91 | Silt, light brown, low plasticity, some clay, dry, no odor | ML | CB-1-15' |
| 11:25 | 20 | | Soil | 10.6 | Silt, light brown, low plasticity, some clay, trace pebbles, dry, no odor | ML | CB-1-20' |
| 11:35 | 25 | | Soil | 30 | Clayey silt, brown, low plasticity, dry, slight odor | ML | CB-1-25' |
| 11:40 | 30 | | Soil | 170 | Silt, light brown, low plasticity, some clay, slight odor | ML | CB-1-30' |
| 11:50 | 35 | | Soil | 26 | Silt, light brown, low plasticity, hard, slight odor | ML | CB-1-35' |
| | 40 | | | | Refusal at 35' | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: Freeman, Freeman, Smiley
PROJECT NAME: Continental Heat Treating
DATE: 12/06/01
BEGIN DRILLING: 09:15 a.m.
END DRILLING: 16:10 p.m.

BORING NUMBER: CB-2
BORING LOGGED BY: Dan Louks, R.G. #4883
DRILLING CONTRACTOR: Vironex
DRILLING METHOD: Geo Probe
SITE LOCATION: 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 09:20 | 5 | | Soil | 8.1 | Silty clay, brown, low plasticity, no odor | CL | CB-2-5' |
| 09:30 | 10 | | Soil | 9.6 | Silty clay, brown, low plasticity, no odor | CL | CB-2-10' |
| 09:45 | 15 | | Soil | 17.2 | Silt, light brown, low plasticity, dry, no odor, hard | ML | CB-2-15' |
| 09:50 | 20 | | Soil | 117 | Silt, light brown, low plasticity, dry, no odor, hard | ML | CB-2-20' |
| 10:15 | 25 | | Soil | 10.2 | Silt, light brown, low plasticity, dry, no odor, hard, trace pebbles, very fine sand | ML | CB-2-25' |
| 15:40 | 30 | | Soil | 29.8 | Silt, light brown, hard, low plasticity, very slight solvent odor | ML | CB-2-30' |
| 15:55 | 35 | | Soil | 132 | Clayey silt, brown, low plasticity, dense, no odor | ML | CB-2-35' |
| 16:10 | 40 | | Soil | 24.9 | Silt, light brown, hard, low plasticity, some very fine sand | ML | CB-2-40' |

# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 10:45 a.m.
**END DRILLING:** 15:15 p.m.

**BORING NUMBER:** CB-3
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 10:50 | 5 | | Soil | 8.2 | Silty clay, brown, low plasticity, no odor | CL | CB-3-5' |
| 11:00 | 10 | | Soil | 16.5 | Sandy clay, brown, low plasticity, very fine sand, no odor | CL | CB-3-10' |
| 11:05 | 15 | | Soil | 16 | Sandy silt, light brown, very fine sand, dry, no odor | ML | CB-3-15' |
| 11:15 | 20 | | Soil | 46 | Clayey silt, light brown, hard, low plasticity, dry, no odor | ML | CB-3-20' |
| 14:40 | 25 | | Soil | 11.7 | Silty clay, brown, low plasticity, dry, no odor | CL | CB-3-25 |
| 14:55 | 30 | | Soil | 11.9 | Silt, brown, low plasticity, dry, no odor | ML | CB-3-30' |
| 15:15 | 35 | | Soil | 7.9 | Clayey silt, light brown, low plasticity, dry, no odor | ML | CB-3-35' |
| | 40 | | | | | | |

# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: Freeman, Freeman, Smiley
PROJECT NAME: Continental Heat Treating
DATE: 12/06/01
BEGIN DRILLING: 12:55 p.m.
END DRILLING: 14:20 p.m.

BORING NUMBER: CB-4
BORING LOGGED BY: Dan Louks, R.G. #4883
DRILLING CONTRACTOR: Vironex
DRILLING METHOD: Geo Probe
SITE LOCATION: 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 13:00 | 5 | | Soil | 2.7 | Silty clay, brown, low plasticity, some very fine sand, no odor | CL | CB-4-5' |
| 13:10 | 10 | | Soil | 2.5 | Silty clay, brown, low plasticity, some very fine sand, no odor | CL | CB-4-10' |
| 13:20 | 15 | | Soil | 3.4 | Sand, light brown, very fine silt, sugar texture, changes to clayey silt, light brown, low plasticity, dry, no odor | ML | CB-4-15' |
| 13:30 | 20 | | Soil | 11.1 | Silt, light brown, hard, low plasticity, dry, no odor | ML | CB-4-20' |
| 13:40 | 25 | | Soil | 5.0 | Silty clay, brown, low plasticity, dry, no odor | CL | CB-4-25' |
| 13:50 | 30 | | Soil | 2.6 | Silt, light brown, low plasticity, dry, no odor | ML | CB-4-30' |
| 14:00 | 35 | | Soil | 24.4 | Silt, light brown, low plasticity, dry, no odor | ML | CB-4-35' |
| 14:20 | 40 | | Soil | 5.3 | Clayey silt, brown, low plasticity, dry, no odor | ML | CB-4-40' |

# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: Freeman, Freeman, Smiley
PROJECT NAME: Continental Heat Treating
DATE: 12/06/01
BEGIN DRILLING: 09:40 a.m.
END DRILLING: 10:35 a.m.

BORING NUMBER: CB-5
BORING LOGGED BY: Dan Louks, R.G. #4883
DRILLING CONTRACTOR: Vironex
DRILLING METHOD: Geo Probe
SITE LOCATION: 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 09:40 | 5 | | Soil | 11.9 | Silty clay, brown, low-medium plasticity, dry, no odor | CL | CB-5-5' |
| 09:45 | 10 | | Soil | 4.3 | Silty clay, brown, low-medium plasticity, dry, no odor | CL | CB-5-10' |
| 09:50 | 15 | | Soil | 36 | Clay, light grey, low plasticity, hard, changes to silty sandy, light brown, very fine sand, no odor | CL/SM | CB-5-15' |
| 09:55 | 20 | | Soil | 4.6 | Silty sand, light brown, hard, very fine to fine, with lense silty clay | SM | CB-5-20' |
| 10:05 | 25 | | Soil | -- | Silt, light grey, low plasticity, hard, dry, no odor | ML | CB-5-25' |
| 10:20 | 30 | | Soil | 16.3 | Silty, light brown, low plasticity, dry, no odor | ML | CB-5-30' |
| 10:35 | 35 | | Soil | 43.5 | Silty, light brown, low plasticity, dry, no odor | ML | CB-5-35' |
| | 40 | | | | Refusal at 35' | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 07:40 a.m.
**END DRILLING:** 09:20 a.m.

**BORING NUMBER:** CB-6
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 07:50 | 5 | | Soil | 1.7 | Silty clay, brown, low plasticity, some very fine sand, no odor | CL | CB-6-5' |
| 08:00 | 10 | | Soil | 5.3 | Silty clay, brown, low plasticity, some very fine sand, no odor | CL | CB-6-10' |
| 08:05 | 15 | | Soil | 3.5 | Sand and silt, light brown, very fine sand, sugar texture and silt, dry, no odor | ML | CB-6-15' |
| 08:10 | 20 | | Soil | 14 | Silt, grey/brown, hard, low plasticity, dry, no odor | ML | CB-6-20' |
| 08:20 | 25 | | Soil | 53 | Sandy clay, brown, low plasticity, changes to silty grey/brown, hard, low plasticity, dry, no odor | CL/ML | CB-6-25' |
| 08:30 | 30 | | Soil | 21.6 | Clayey silt, brown, low plasticity, dry, no odor | ML | CB-6-30' |
| 08:50 | 35 | | Soil | 6 | Silty clay, brown, low-medium plasticity, dry, no odor | CL | CB-6-35' |
| 09:20 | 40 | | Soil | -- | Sand and silt, light grey, very fine-fine sand, hard, dry, no odor, sugar texture | ML | CB-6-40' |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 08:05 a.m.
**END DRILLING:** 08:20 a.m.

**BORING NUMBER:** CB-7
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0 | | | | | | |
| 08:10 | 2.0 | | Soil | 1.7 | Clayey silt, dark brown, low plasticity, dry, no odor | ML | CB-7-2' |
| 08:15 | 5 | | Soil | 1.7 | Silt, brown, low plasticity, dry, no odor | ML | CB-7-5' |
| 08:20 | 10 | | Soil | 1.5 | Silty clay, brown, low plasticity, fine-very fine sand, no odor | CL | CB-7-10' |
| | 15 | | | | | | |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 07:20 a.m.
**END DRILLING:** 07:35 a.m.

**BORING NUMBER:** CB-8
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0 | | | | Angled at 20° under haz. waste storage pad. | | |
| 07:25 | 2.0 | | Soil | 2.7 | Clayey silt, dark brown, low plasticity, dry, no odor | ML | CB-8-2' |
| 07:30 | 5 | | Soil | 1.6 | Clayey silt, dark brown, low plasticity, dry, no odor, some very fine sand, brown | ML | CB-8-5' |
| 07:35 | 10 | | Soil | 2.0 | Silty clay, brown, low plasticity, some very fine sand, dry, no odor | CL | CB-8-10' |
| | 15 | | | | | | |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: Freeman, Freeman, Smiley
PROJECT NAME: Continental Heat Treating
DATE: 12/06/01
BEGIN DRILLING: 08:40 a.m.
END DRILLING: 09:00 a.m.

BORING NUMBER: CB-9
BORING LOGGED BY: Dan Louks, R.G. #4883
DRILLING CONTRACTOR: Vironex
DRILLING METHOD: Geo Probe
SITE LOCATION: 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0 | | | | Angled at 20° under haz. waste storage pad. | | |
| 08:45 | 2.0 | | Soil | 1.9 | Clayey silt, dark brown, low plasticity, dry, some very fine sand, no odor | ML | CB-9-2' |
| 08:50 | 5 | | Soil | 1.9 | Silt, brown, low plasticity, dry, some very fine sand, no odor | ML | CB-9-5' |
| 09:00 | 10 | | Soil | 1.7 | Clayey silt, brown, low plasticity, hard, dry, no odor | ML | CB-9-10' |
| | 15 | | | | | | |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 11:00 a.m.
**END DRILLING:** 11:35 a.m.

**BORING NUMBER:** CB-10
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 11:10 | 5 | | Soil | 0.7 | Silty clay, brown, low-medium plasticity, slightly moist, no odor | CL | CB-10-5' |
| 11:20 | 10 | | Soil | 1.9 | Same as above, no odor | CL | CB-10-10' |
| 11:35 | 15 | | Soil | 11.5 | Sand, greenish brown, moderately well sorted, very fine grained, no odor | SP | CB-10-15' |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: Freeman, Freeman, Smiley
PROJECT NAME: Continental Heat Treating
DATE: 12/06/01
BEGIN DRILLING: 11:50 a.m.
END DRILLING: 12:25 p.m.

BORING NUMBER: CB-11
BORING LOGGED BY: Dan Louks, R.G. #4883
DRILLING CONTRACTOR: Vironex
DRILLING METHOD: Geo Probe
SITE LOCATION: 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| | 5 | | | | | | |
| 12:00 | 10 | | Soil | 1.9 | Silty clay, brown, low plasticity, dry, no odor | CL | CB-11-10' |
| 12:25 | 15 | | Soil | 2.2 | Sand, greenish grey, moderately well sorted, very fine grained, dry, no odor | SP | CB-11-15' |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 12:40 p.m.
**END DRILLING:** 13:15 p.m.

**BORING NUMBER:** CB-12
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 12:45 | 5 | | Soil | 2.0 | Silty clay, brown, medium plasticity, moist, no odor | CL | CB-12-5' |
| 12:55 | 10 | | Soil | 2.0 | Silty clay, brown, low plasticity, dry, no odor | CL | CB-12-10' |
| 13:15 | 15 | | Soil | 3.3 | Sand, greenish grey, moderately well sorted, very fine-fine grained, dry, no odor | SP | CB-12-15' |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: Freeman, Freeman, Smiley
PROJECT NAME: Continental Heat Treating
DATE: 12/06/01
BEGIN DRILLING: 16:10 p.m.
END DRILLING: 16:30 p.m.

BORING NUMBER: CB-13
BORING LOGGED BY: Dan Louks, R.G. #4883
DRILLING CONTRACTOR: Vironex
DRILLING METHOD: Geo Probe
SITE LOCATION: 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| | 5 | | | | | | |
| | 10 | | | | | | |
| 16:20 | 15 | | Soil | 9.6 | Silty clay, brown, low plasticity, dry, no odor | CL | CB-13-15' |
| 16:30 | 20 | | Soil | 99.2 | Silt, light brown, low plasticity, dry, no odor | ML | CB-13-20' |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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CENTEC engineering

## EXHIBIT 2

LABORATORY ANALYTICAL RESULTS

- Chain-of-Custody Forms
- Laboratory Data Sheets

# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS 12-019



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Treating Santa Fe Springs

Report to: Centec

Sampler: D. Lewis, S. Collins

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preserv-atives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CB-1-5' | Soil | Encore Sampler | 2 | 12/6/01 11:00 | Ice | | | | X | | | | | | |
| 2 | CB-1-10' | | | 2 | 11:05 | | | | | X | | | | | | |
| 3 | CB-1-15' | | | 2 | 11:15 | | | | | X | | | | | | |
| 4 | CB-1-20' | | | 2 | 11:25 | | | | | X | | | | | | |
| 5 | CB-1-25' | | | 2 | 11:35 | | | | | X | | | | | | |
| 6 | CB-1-30' | | | 2 | 11:40 | | | | | X | | | | | | |
| 7 | CB-1-35 | | | 1 | 11:50 | | | | | X | | | | | | |
| 8 | CB 2-5' | | | 2 | 9:20 | | | | | X | | | | | | |
| 9 | CB-2-10' | | | 2 | 9:30 | | | | | X | | | | | | |
| 10 | CB 2-15' | | | 2 | 9:45 | | | | | X | | | | | | |
| 11 | CB-2-20' | | | 2 | 9:50 | | | | | X | | | | | | |
| 12 | CB-2-25' | | | 2 | 10:15 | | | | | X | | | | | | |

Relinquished By: S Collins Date/Time: 12/6/01 4:30

Received By: [illegible] T Date/Time: 12/6/01 4:30 pm

Relinquished By: Date/Time:

Received By: Date/Time:

Relinquished By: Date/Time:

Received in Lab By: Date/Time:

Turnaround Time: (check)
24 hours ____ 5 days X
48 hours ____ normal ____

Sample Integrity: (check)
intact X on ice X

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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS 12-019



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Treating Santa Fe Springs

Report to: Centec

Sampler: D. Lewis, S. Collins

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preservatives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | CB-2-30' | Soil | Encore Samplers | 2 | 12/6/01 15:40 | Ice | | | | X | | | | | | |
| 14 | CB-2-35' | ↓ | ↓ | 2 | 15:55 | ↓ | | | | X | | | | | | |
| 15 | CB-2-40' | | | 1 | 16:10 | | | | | X | | | | | | |
| 16 | CB 3 5' | | | 2 | 10:50 | | | | | X | | | | | | |
| 17 | CB 3 10' | | | 2 | 11:05 | | | | | X | | | | | | |
| 18 | CB-3 15' | | | 2 | 11:05 | | | | | X | | | | | | |
| 19 | CB 3-20' | | | 2 | 14:15 | | | | | X | | | | | | |
| 20 | CB-3-25' | | | 2 | 14:40 | | | | | X | | | | | | |
| 21 | CB-3-30' | | | 2 | 14:55 | | | | | X | | | | | | |
| 22 | CB-3-35' | | | 1 | 15:15 | | | | | X | | | | | | |
| 23 | CB-4-5' | | | 2 | 13:00 | | | | | X | | | | | | |
| 24 | CB-4-10' | ↓ | ↓ | 2 | 13:10 | ↓ | | | | X | | | | | | |

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| S. Collins | 12/6/01 4:30 | [illegible] | 12/6/01 4:30pm |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time: (check)
24 hours ____ 5 days X
48 hours ____ normal ____

Sample Integrity: (check)
intact X on ice X

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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS 12-019



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Trending Santa Fe Springs

Report to: Centec

Sampler: D. Cooks, S. Collins

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preservatives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | CB-4-15' | Soil | Encore Sampler | 2 | 12/6/01 13:20 | Ice | | | | X | | | | | | |
| 26 | CB-4-20' | | | 2 | 13:30 | | | | | X | | | | | | |
| 27 | CB-4-25' | | | 2 | 13:40 | | | | | X | | | | | | |
| 28 | CB-4-30' | | | 2 | 13:50 | | | | | X | | | | | | |
| 29 | CB-4-35' | | | 2 | 14:00 | | | | | X | | | | | | |
| 30 | CB-4-40' | | | 2 | 14:20 | | | | | X | | | | | | |
| 31 | CB-5-5' | | | 2 | 9:40 | | | | | X | | | | | | |
| | CB-5-10' | | | 2 | 9:45 | | | | | | | | | | | HOLD |
| 33 | CB-5-15' | | | 2 | 9:50 | | | | | X | | | | | | |
| 34 | CB 5-20' | | | 2 | 9:55 | | | | | X | | | | | | |
| 35 | CB-5-25' | | | 1 | 10:05 | | | | | X | | | | | | |
| 36 | CB-5-30' | | | 2 | 10:20 | | | | | X | | | | | | |

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| S Collins | 12/6/01 4:30 | [illegible] T | 12/6/01 4:30 pm |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time: (check)
24 hours ____ 5 days X
48 hours ____ normal ____

Sample Integrity: (check)
intact X on ice X

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# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

12-019



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Treating Santa Fe Springs

Report to: Centec

Sampler: D. Cooks, S. Collins

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preservatives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | CB-5-35' | Soil | Encore Sampler | 2 | 12/6/01 10:35 | Ice | | | | X | | | | | | |
| 38 | CB-6-5' | | | 2 | 7:50 | | | | | X | | | | | | |
| 39 | CB-6-10' | | | 2 | 8:00 | | | | | X | | | | | | |
| 40 | CB-6-15' | | | 2 | 8:05 | | | | | X | | | | | | |
| 41 | CB-6-20' | | | 2 | 8:10 | | | | | X | | | | | | |
| 42 | CB-6-25' | | | 2 | 8:20 | | | | | X | | | | | | |
| 43 | CB-6-30' | | | 2 | 8:30 | | | | | X | | | | | | |
| 44 | CB-6-35' | | | 2 | 8:50 | | | | | X | | | | | | |
| 45 | CB-6-40' | | | 2 | 9:20 | | | | | X | | | | | | |
| 46 | CB-7-2' | | | 2 | 8:10 | | | | | X | | | | | | |
| 47 | CB-7-5' | | | 2 | 8:15 | | | | | X | | | | | | |
| 48 | CB 7-10' | | | 2 | 8:20 | | | | | X | | | | | | |

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| S Collins | 12/6/01 4:2 | [illegible] T | 12/6/01 4:30pm |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time: (check)
24 hours ____ 5 days X
48 hours ____ normal ____

Sample Integrity: (check)
intact X on ice X

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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS 12-019



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Treating Santa Fe Springs

Report to: Centec

Sampler: D. Cooks, S. Collins

ANALYSIS REQUESTED

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preserv-atives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 49 | CB-8-2' | Soil | Encore Sampler | 2 | 12/6/01 7:25 | Ice | | | | X | | | | | | |
| 50 | CB-8-5' | | | 2 | 7:30 | | | | | X | | | | | | |
| 51 | CB-8-10' | | | 2 | 7:35 | | | | | X | | | | | | |
| 52 | CB-9-2' | | | 2 | 8:45 | | | | | X | | | | | | |
| 53 | CB-9-5' | | | 2 | 8:50 | | | | | X | | | | | | |
| 54 | CB-9-10' | | | 2 | 9:00 | | | | | X | | | | | | |
| 55 | CB-10-5' | | | 2 | 11:10 | | | | | X | | | | | | |
| 56 | CB-10-10' | | | 2 | 11:20 | | | | | X | | | | | | |
| 57 | CB-10-15' | | | 2 | 11:35 | | | | | X | | | | | | |
| 58 | CB-11-10' | | | 2 | 12:00 | | | | | X | | | | | | |
| 59 | CB-11-15' | | | 2 | 12:25 | | | | | X | | | | | | |
| 60 | CB-12-5' | | | 2 | 12:45 | | | | | X | | | | | | |

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| S. Collins | 12/6/01 4:30 | GREG T | 12/6/01 4:30pm |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time: (check)
24 hours ____ 5 days X
48 hours ____ normal ____

Sample Integrity: (check)
intact X on ice X

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# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

1QL 019



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Treating Santa Fe Springs

Report to: Centec

Sampler: D. Lewis, S. Collins

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preservatives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260 B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | CB-12-10' | Soil | Encore Sampler | 2 | 12/6/01 12:55 | Ice | | | | X | | | | | | |
| 62 | CB-12-15' | | | 2 | 13:15 | | | | | X | | | | | | |
| 63 | CB-13-15' | | | 2 | 16:20 | | | | | X | | | | | | |
| 64 | CB-13-20' | | | 2 | 16:30 | | | | | X | | | | | | |

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| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| S Collins | 12/6/01 4:30 | [illegible] | 12/6/01 4:30pm |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time: (check)
24 hours ____ 5 days X
48 hours ____ normal ____

Sample Integrity: (check)
intact X on ice X

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# CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

## ANALYTICAL RESULTS*

**CTEL Project No:** CT204-0112019
**Client Name:** Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
**Attention:** Mr. Steve Collins

**Project ID:**
**Project Name:** Continental Heat Treating
Santa Fe Springs
**Date Sampled:** 12/06/01 @ 11:00 am
**Date Received:** 12/06/01 @ 16:30 p.m.
**Date Analyzed:** 12/07/01 & 12/10/01
**Matrix:** Soil

| Laboratory ID: / Client Sample ID: | 0112-019-1 CB-1-5' | 0112-019-2 CB-1-10' | 0112-019-3 CB-1-15' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1-20 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | 0.007 | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)


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CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-1 CB-1-5' | 0112-019-2 CB-1-10' | 0112-019-3 CB-1-15' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.20 | 0.32 | 0.88 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 105 | 106 | 106 | 70-130 |
| 1,2 Dichloromethaned4 | 105 | 100 | 106 | 70-130 |
| Toluene-d8 | 96 | 96 | 96 | 70-130 |
| Bromofluorobenzene | 84 | 86 | 84 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 11:25 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-4 CB-1-20' | 0112-019-5 CB-1-25' | 0112-019-6 CB-1-30' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1-25 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | 0.083 | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | 0.011 | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-4 CB-1-20' | 0112-019-5 CB-1-25' | 0112-019-6 CB-1-30' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.12 | 1.3 | 0.087 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 104 | 106 | 108 | 70-130 |
| 1,2 Dichloromethaned4 | 107 | 101 | 108 | 70-130 |
| Toluene-d8 | 96 | 95 | 96 | 70-130 |
| Bromofluorobenzene | 85 | 85 | 85 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 11:50 am
Matrix: Soil
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

| Laboratory ID: / Client Sample ID: | 0112-019-7 CB-1-35' | 0112-019-8 CB-2-5' | 0112-019-9 CB-2-10' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1.2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-7 CB-1-35' | 0112-019-8 CB-2-5' | 0112-019-9 CB-2-10' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.042 | 0.069 | 0.18 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | 0.015 | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | 0.090 | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | 0.025 | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | 0.016 | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | 0.036 | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | 0.11 | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | 0.017 | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | 0.021 | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 106 | 106 | 109 | 70-130 |
| 1,2 Dichloromethaned4 | 109 | 107 | 110 | 70-130 |
| Toluene-d8 | 96 | 95 | 97 | 70-130 |
| Bromofluorobenzene | 84 | 86 | 86 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 09:45 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: | 0112-019-10 | 0112-019-11 | 0112-019-12 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-2-15' | CB-2-20' | CB-2-25' | | | |
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-10 CB-2-15' | 0112-019-11 CB-2-20' | 0112-019-12 CB-2-25' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | 0.47 | 0.010 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 106 | 100 | 107 | 70-130 |
| 1,2 Dichloromethaned4 | 109 | 104 | 114 | 70-130 |
| Toluene-d8 | 94 | 95 | 94 | 70-130 |
| Bromofluorobenzene | 83 | 96 | 87 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 15:40 p.m.
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: | 0112-019-13 | 0112-019-14 | 0112-019-15 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-2-30' | CB-2-35' | CB-2-40' | | | |
| Dilution | 1 | 1-5 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-13 CB-2-30' | 0112-019-14 CB-2-35' | 0112-019-15 CB-2-40' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.092 | 0.36 | 0.0062 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 107 | 102 | 96 | 70-130 |
| 1,2 Dichloromethaned4 | 106 | 105 | 107 | 70-130 |
| Toluene-d8 | 95 | 98 | 97 | 70-130 |
| Bromofluorobenzene | 82 | 84 | 87 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 10:50 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: | 0112-019-16 | 0112-019-17 | 0112-019-18 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-3-5' | CB-3-10' | CB-3-15' | | | |
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID<br>Client Sample ID: | 0112-019-16<br>CB-3-5' | 0112-019-17<br>CB-3-10' | 0112-019-18<br>CB-3-15' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.23 | 0.048 | 0.0093 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 112 | 110 | 108 | 70-130 |
| 1,2 Dichloromethaned4 | 112 | 85 | 86 | 70-130 |
| Toluene-d8 | 95 | 117 | 115 | 70-130 |
| Bromofluorobenzene | 84 | 95 | 99 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 11:15 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-19 CB-3-20' | 0112-019-20 CB-3-25' | 0112-019-21 CB-3-30' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1-50 | 1-5 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | 0.027 | 0.010 | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | 0.0071 | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-19 CB-3-20' | 0112-019-20 CB-3-25' | 0112-019-21 CB-3-30' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.13 | 1.7 | 0.39 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 106 | 111 | 110 | 70-130 |
| 1,2 Dichloromethaned4 | 88 | 88 | 89 | 70-130 |
| Toluene-d8 | 116 | 113 | 114 | 70-130 |
| Bromofluorobenzene | 99 | 97 | 93 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone: (949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 15:15 p.m.
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-22 CB-3-35' | 0112-019-23 CB-4-5' | 0112-019-24 CB-4-10' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis.1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-22 CB-3-35' | 0112-019-23 CB-4-5' | 0112-019-24 CB-4-10' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.040 | 0.19 | 0.22 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 110 | 84 | 108 | 70-130 |
| 1,2 Dichloromethaned4 | 90 | 75 | 91 | 70-130 |
| Toluene-d8 | 109 | 118 | 105 | 70-130 |
| Bromofluorobenzene | 98 | 99 | 102 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660

Phone: (949) 476-8922
Fax: (949) 474-3222

Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs

Date Sampled: 12/06/01 @ 13:20 p.m.
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-25 CB-4-15' | 0112-019-26 CB-4-20' | 0112-019-27 CB-4-25' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1-50 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | 0.034 | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | 0.014 | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-25 CB-4-15' | 0112-019-26 CB-4-20' | 0112-019-27 CB-4-25' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.010 | 0.24 | 1.9 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 116 | 89 | 101 | 70-130 |
| 1,2 Dichloromethaned4 | 119 | 90 | 90 | 70-130 |
| Toluene-d8 | 95 | 112 | 109 | 70-130 |
| Bromofluorobenzene | 100 | 100 | 102 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 13:50 p.m.
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: | 0112-019-28 | 0112-019-29 | 0112-019-30 | Method | Units: | Detection |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-4-30' | CB-4-35' | CB-4-40' | | | Limit |
| Dilution | 1 | 1 | 1-5 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | 0.009 | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-28 CB-4-30' | 0112-019-29 CB-4-35' | 0112-019-30 CB-4-40' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.026 | 0.032 | 0.69 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 104 | 105 | 109 | 70-130 |
| 1,2 Dichloromethaned4 | 90 | 87 | 90 | 70-130 |
| Toluene-d8 | 108 | 116 | 116 | 70-130 |
| Bromofluorobenzene | 98 | 100 | 100 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 09:40 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-31 CB-5-5' | 0112-019-33 CB-5-15' | 0112-019-34 CB-5-20' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-31 CB-5-5' | 0112-019-33 CB-5-15' | 0112-019-34 CB-5-20' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.14 | 0.31 | ND | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 110 | 111 | 109 | 70-130 |
| 1,2 Dichloromethaned4 | 84 | 86 | 92 | 70-130 |
| Toluene-d8 | 113 | 119 | 113 | 70-130 |
| Bromofluorobenzene | 94 | 104 | 97 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660

Phone:(949) 476-8922
Fax: (949) 474-3222

Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs

Date Sampled: 12/06/01 @ 10:05 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: | 0112-019-35 | 0112-019-36 | 0112-019-37 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-5-25' | CB-5-30' | CB-5-35' | | | |
| Dilution | 1 | 1-5 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-35 CB-5-25' | 0112-019-36 CB-5-30' | 0112-019-37 CB-5-35' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | 0.44 | 0.022 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 109 | 120 | 94 | 70-130 |
| 1,2 Dichloromethaned4 | 98 | 100 | 98 | 70-130 |
| Toluene-d8 | 115 | 109 | 114 | 70-130 |
| Bromofluorobenzene | 102 | 103 | 107 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 07:50 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-38 CB-6-5' | 0112-019-39 CB-6-10' | 0112-019-40 CB-6-15' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-38 CB-6-5' | 0112-019-39 CB-6-10' | 0112-019-40 CB-6-15' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.18 | 0.20 | 0.028 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 108 | 103 | 113 | 70-130 |
| 1,2 Dichloromethaned4 | 95 | 90 | 98 | 70-130 |
| Toluene-d8 | 117 | 110 | 112 | 70-130 |
| Bromofluorobenzene | 103 | 104 | 105 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 08:10 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-41 CB-6-20' | 0112-019-42 CB-6-25' | 0112-019-43 CB-6-30' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1-50 | 1-5 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | 0.016 | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-41 CB-6-20' | 0112-019-42 CB-6-25' | 0112-019-43 CB-6-30' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.13 | 2.5 | 0.56 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 95 | 71 | 99 | 70-130 |
| 1,2 Dichloromethaned4 | 100 | 98 | 94 | 70-130 |
| Toluene-d8 | 99 | 93 | 96 | 70-130 |
| Bromofluorobenzene | 85 | 89 | 83 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 08:50 am
Matrix: Soil
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

| Laboratory ID: | 0112-019-44 | 0112-019-45 | 0112-019-46 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-6-35' | CB-6-40' | CB-7-2' | | | |
| Dilution | 1-50 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | 0.0057 | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | 0.016 | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-44 CB-6-35' | 0112-019-45 CB-6-40' | 0112-019-46 CB-7-2' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 1.6 | 0.010 | ND | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 106 | 106 | 87 | 70-130 |
| 1,2 Dichloromethaned4 | 99 | 101 | 89 | 70-130 |
| Toluene-d8 | 94 | 94 | 109 | 70-130 |
| Bromofluorobenzene | 88 | 84 | 102 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 08:15 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: | 0112-019-47 | 0112-019-48 | 0112-019-49 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-7-5' | CB-7-10' | CB-8-2' | | | |
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-47 CB-7-5' | 0112-019-48 CB-7-10' | 0112-019-49 CB-8-2' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | 0.016 | 0.40 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 97 | 97 | 90 | 70-130 |
| 1,2 Dichloromethaned4 | 84 | 78 | 86 | 70-130 |
| Toluene-d8 | 116 | 118 | 111 | 70-130 |
| Bromofluorobenzene | 100 | 100 | 106 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Attention: Mr. Steve Collins

Phone: (949) 476-8922
Fax: (949) 474-3222

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 07:30 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: | 0112-019-50 | 0112-019-51 | 0112-019-52 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-8-5' | CB-8-10' | CB-9-2' | | | |
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-50 CB-8-5' | 0112-019-51 CB-8-10' | 0112-019-52 CB-9-2' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.010 | 0.0068 | 0.032 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 95 | 96 | 84 | 70-130 |
| 1,2 Dichloromethaned4 | 83 | 77 | 87 | 70-130 |
| Toluene-d8 | 110 | 118 | 114 | 70-130 |
| Bromofluorobenzene | 103 | 100 | 103 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 08:50 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-53 CB-9-5' | 0112-019-54 CB-9-10' | 0112-019-55 CB-10-5' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID:<br>Client Sample ID: | 0112-019-53<br>CB-9-5' | 0112-019-54<br>CB-9-10' | 0112-019-55<br>CB-10-5' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | ND | 0.010 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 93 | 102 | 106 | 70-130 |
| 1,2 Dichloromethaned4 | 88 | 97 | 97 | 70-130 |
| Toluene-d8 | 111 | 96 | 95 | 70-130 |
| Bromofluorobenzene | 98 | 96 | 85 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 11:20 am
Matrix: Soil
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

| Laboratory ID: | 0112-019-56 | 0112-019-57 | 0112-019-58 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-10-10' | CB-10-15' | CB-11-10' | | | |
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans.1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis.1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans.1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-56 CB-10-10' | 0112-019-57 CB-10-15' | 0112-019-58 CB-11-10' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.0075 | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2.3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2.4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 108 | 106 | 106 | 70-130 |
| 1,2 Dichloromethaned4 | 100 | 94 | 94 | 70-130 |
| Toluene-d8 | 94 | 95 | 92 | 70-130 |
| Bromofluorobenzene | 81 | 82 | 82 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 12:25 p.m.
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: | 0112-019-59 | 0112-019-60 | 0112-019-61 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-11-15' | CB-12-5' | CB-12-10' | | | |
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-59 CB-11-15' | 0112-019-60 CB-12-5' | 0112-019-61 CB-12-10' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | 0.012 | ND | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | 0.014 | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | 0.011 | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | 0.033 | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 104 | 109 | 102 | 70-130 |
| 1,2 Dichloromethaned4 | 93 | 100 | 98 | 70-130 |
| Toluene-d8 | 95 | 88 | 90 | 70-130 |
| Bromofluorobenzene | 83 | 88 | 83 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 13:15 p.m.
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-62 CB-12-15' | 0112-019-63 CB-13-15' | 0112-019-64 CB-13-20' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-62 CB-12-15' | 0112-019-63 CB-13-15' | 0112-019-64 CB-13-20' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | 0.30 | 0.0073 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3.5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1.2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2.4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2.3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 105 | 109 | 90 | 70-130 |
| 1,2 Dichloromethaned4 | 94 | 97 | 97 | 70-130 |
| Toluene-d8 | 94 | 94 | 96 | 70-130 |
| Bromofluorobenzene | 82 | 82 | 83 | 70-130 |

R. Tejirian for
Greg Tejirian
Laboratory Director

*The results are base upon the samples received. Samples are not homogeneous.

*Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424*

FREEMAN, FREEMAN & SMILEY LLP
ATTORNEYS AT LAW

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CONFIDENTIAL

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PLEASE ADDRESS REPLY TO:
**LOS ANGELES**

REFER TO FILE NO.
**15302.910**

August 1, 2002

RECEIVED
AUG - [illegible] 2002

**VIA OVERNITE EXPRESS**

Julian A. Pollok
1000 Wilshire Boulevard
Suite 620
Los Angeles, CA 90017

Re: **10643 Norwalk, LLC, a California limited liability company**
**10643 Norwalk Boulevard, Santa Fe Springs, California**

Dear Julian:

In accordance with your request, enclosed you will find a copy of the Phase II Site Investigation Report dated March 1, 2002. I would appreciate it if you and your clients would agree to keep the contents of this report as strictly confidential at this time.

Very truly yours,

Bruce M Smiley

Bruce M. Smiley, for
FREEMAN, FREEMAN & SMILEY, LLP

345205.1
Enclosure
cc: Chip Graham
Joseph C. Obegi

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CENTEC engineering

Environmental Assessments and Solutions

1 Dove Street, Suite 100 • Newport Beach, California 92660

(949) 476-8922 • FAX (949) 474-3222

# PHASE II

# SITE INVESTIGATION REPORT

PREPARED FOR PROPERTY

LOCATED AT

CONTINENTAL HEAT TREATING

10643 SOUTH NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

MARCH 1, 2002

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# PHASE II

# SITE INVESTIGATION REPORT

-For property located at-

CONTINENTAL HEAT TREATING

10643 SOUTH NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CENTEC PROJECT #041082

-Prepared for-

FREEMAN, FREEMAN & SMILEY, LLP

-Prepared by-


CENTEC ENGINEERING, INC.
1601 Dove Street, Suite 100
Newport Beach, CA 92660
(949) 476-8922

Steven N. Collins, REA
Principal

Daniel R. Louks, R.G.
Registered Geologist #4883


REGISTERED GEOLOGIST
DANIEL R. LOUKS
No. 4883
Exp. 11/03
STATE OF CALIFORNIA

March 1, 2002

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MAP A - Site Location
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EXHIBIT 2 - Laboratory Analytical Results

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## 1.0 INTRODUCTION

Centec Engineering, Inc. (Centec) was retained by Freeman, Freeman & Smiley, LLP to perform a Phase II subsurface investigation on the subject property located at 10643 South Norwalk Boulevard, Santa Fe Springs, California 90670. The site is a rectangular, level parcel comprising approximately 70,000 square feet improved with a large industrial warehouse and office building of 20,000 square feet. The property is situated on the west side of Norwalk Boulevard, a few hundred feet north of Florence Avenue, as shown on the Site Location map (Map A) included in the Appendix. The purpose of this investigation is to further investigate and define the presence of volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), that had been detected previously in soil gas samples collected in the northwest corner of the property. The scope of work was also designed to investigate two other potential areas of environmental concern, including the hazardous material storage area in the southwest corner of the property and the in-ground clarifier located outside the east wall of the building.

## 2.0 BACKGROUND

The subject property is occupied by Continental Heat Treating (CHT), as it has been since the building was constructed in 1969. Heat treating operations are conducted inside the building, which occupies the east half of the property, while the remainder of the property is asphalt-paved for parking and storage. CHT processes metal parts with heat to perform carbon nitriding and nitriding on the surface of the metal.

Although reportedly no longer used, CHT housed a solvent degreaser in the center of the building from 1986 to 1995. Soil samples collected from a 10-foot deep boring adjacent to the in-ground, metal-walled degreaser set within a concrete vault in 1995 identified maximum concentrations of PCE (7,514 $\mu$g/kg) and TCE (4,759 $\mu$g/kg). Subsequent investigations identified VOCs down to the depth of groundwater (65 feet bgs) in soils near the degreaser, as well as in soil gas samples collected in 1996 at 5 feet bgs in sample location SG-4 (PCE = 198 $\mu$g/L) and 15 feet bgs in SG-14 (PCE = 41,300 $\mu$g/L) adjacent to the northern property line in the northwest corner of the property. This area of the CHT property has not been reported as an area where VOCs have been utilized or stored, and is developed with a fenced enclosure containing large aboveground storage tanks for liquid nitrogen and liquid hydrogen, which have reportedly been in place since approximately 1971.

The CHT property is bordered on the north by the previously vacant Mobil "Jalk Fee" property and on the west by a Hathaway property, where a "boneyard" for abandoned equipment had been situated adjacent to the northwest corner of the CHT property until recently. The Mobil site is currently being redeveloped for the future construction of two industrial warehouse buildings. The Mobil property had been used for oil production and storage, as well as other uses, for several decades. Significant soil and groundwater contamination had been detected on the Mobil property at least as far back as 1990. Of specific interest to Centec's current investigation was the fact that

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PCE was detected in significant concentrations on the Mobil property near CHT's northwest corner. Specifically, extremely elevated concentrations of PCE were detected at 6 feet bgs in Mobil's borings SEP-1 (2,600 mg/kg) and SEP-2 (78 mg/kg), and at 10 feet bgs in GP-15 (27,000 mg/kg), all of which were within 10 feet of the CHT property. Other significant areas of PCE contamination were also identified on the Mobil site, including 55,000 mg/kg at a location approximately 55 feet north of the CHT property line. Approximately 2,600 tons of VOC-impacted soil were excavated and removed from three areas of the Mobil property in 1998, including a small excavation slightly north of CHT's northwest corner.

In consideration of a need to better understand the nature and extent of the elevated VOCs detected in soil gas samples collected in the northwest corner of the property, Freeman, Freeman & Smiley, LLP, acting on behalf of the property owners, determined it would be prudent to conduct a site investigation to gather pertinent data throughout the property. Centec was therefore retained to conduct investigations in the northwest corner of the property, as well as adjacent to the hazardous material storage area and the in-ground clarifier utilized to settle and discharge cooling tower blowdown wastes and possibly other liquid wastes. This report summarizes the activities completed and results obtained.

## 3.0 SITE INVESTIGATION

On December 6, 2001, Centec conducted the field activities, including the drilling and sampling of 13 soil borings throughout the property. Prior to drilling, all of the proposed boring locations and areas to be investigated were cleared of underground utilities and other possible metallic obstructions by Goldak, Inc., a professional utility locator and magnetic anomaly surveyor. All of the field activities were directly overseen by Mr. Daniel Louks, a California Registered Geologist with Centec Engineering, Inc.

### 3.1 Soil Sampling Procedures

All of the soil borings were completed with hydraulic press drilling equipment provided and operated by Vironex. Three different drill rigs were utilized, including a 6600, a 5400, and a limited-access "Badger" rig. To collect samples, a 1.5-inch diameter probe was hydraulically hammered into the ground. The bottom 2-foot section of probe contains pre-cleaned brass liners used to collect a relatively undisturbed, discrete soil sample. Once the desired depth was reached, the tip of the probe was opened, and the probe was extended deeper to collect the soil sample. Upon retrieval of the sampler, a discrete soil sample was collected from the lower tube utilizing "Encore"samplers according to EPA Method 5035. Once sealed and secured, each sample was labeled and stored in a chilled cooler pending delivery under strict chain-of-custody procedures to California-certified Cal Tech Environmental Laboratories for chemical analysis (DHS Cert. #2424). Soils from the second brass tube at each sample location were screened in the field with a PID for VOCs and for visual and

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olfactory indications of obvious discoloration or contamination. Each sample was used for lithologic description by Mr. Louks.

After drilling, each bore hole was backfilled with bentonite and patched to grade. Between each sampling event, the metal casing of the sampling probe was thoroughly washed in a tri-sodium, non-phosphate solution and then rinsed in both tap and deionized water using the "three-bucket-wash" method.

The boring locations were chosen to representatively collect soil samples from accessible areas of likely concern. A Site Plan (Map B) in the Appendix identifies the locations of the various borings in relation to pertinent site features. Map C provides greater detail of the borings in the northwest corner of the property.

Seven of the borings were completed around the fenced enclosure in the northwest corner of the property, specifically to further identify and define VOCs detected in the 1996 soil gas samples. Borings CB-1 through CB-6 were completed to depths of 35-40 feet bgs, with soil samples collected at successive 5-foot intervals. (Drilling efforts were terminated when dense soil conditions or refusal prevented further GeoProbe penetration after 30 minutes of effort.) Boring CB-13 was completed immediately adjacent to former soil gas sample SG-14, with soil samples collected at 15 and 20 feet bgs. These boring locations are shown on both of the Site Plans.

Three borings were completed around the immediate perimeter of the hazardous waste storage area. Boring CB-7 was drilled vertically at the west end of the bermed concrete pad, while borings CB-8 and CB-9 were drilled at a 20° angle under the pad from its northern side. Soil samples were collected at depths of 2, 5, and 10 feet bgs in these three borings.

The final three borings were drilled with the limited access-rig adjacent to the clarifier at the east side of the property. The clarifier is situated within a landscaped area between the east wall of the building and the sidewalk fronting Norwalk Boulevard, and the trees and bushes necessitated the use of the limited-access GeoProbe. The four-stage clarifier (including the smaller test chamber at the effluent end) was noted to be 4 feet wide, 10 feet long, and 8 feet deep. Borings CB-10 and CB-12 were drilled adjacent to the influent and effluent pipes, respectively, with soil samples collected at depths of 5, 10 and 15 feet bgs. Boring CB-11 was drilled adjacent to the third chamber, with soil samples collected at 10 and 15 feet bgs.

A total of 64 soil samples were successfully collected and delivered later that day to Cal Tech Environmental Laboratories in Paramount, California. The chain of custody forms are included in Exhibit 2 of the Appendix.

The sampling activities indicated subsurface soils are comprised of fine-grained materials of low plasticity, including primarily silty clay in the upper 10 feet, underlain primarily by silt, silty clay and clayey silt down to 40 feet bgs. Lenses of very fine sand were noted in the upper 15 feet and clayey silts/silty clays were generally noted

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at 25 feet bgs. No obvious hydrocarbon odors, discolored soils, or other indications of significant contamination were detected in the borings, other than slight organic or solvent odors in the 25-35 foot samples from CB-1 and the 30-foot sample from CB-2. Several samples from these borings, as well as the 20-foot sample from CB-13, displayed relatively elevated PID readings (>50 ppm). No moist soils or indications of groundwater were encountered during the drilling activities. Groundwater is known to be present at approximately 65 feet bgs in this immediate vicinity, according to information available from wells installed on the Mobil "Jalk Fee" property and a well installed inside the CHT building. Groundwater reportedly flows southerly in this vicinity. The nearest drinking water well (Well Number 07 operated by the City of Pico Rivera) is approximately one mile northeast of the CHT property. Boring logs prepared by Mr. Daniel Louks, a California Registered Geologist, are included in Exhibit 1of the Appendix.

## 4.0 LABORATORY ANALYSES AND RESULTS

All of the soil samples collected from the borings completed at the subject site (except for CB-5-10') were selected for laboratory analyses. All of the selected soil samples were analyzed for a full range of VOCs according to EPA Method 8260B. All of the analyses were completed by Cal Tech Environmental Laboratories (DHS #2424) in Paramount, California.

The laboratory analytical results found detectable concentrations of VOCs in most of the soil samples analyzed. Specifically, PCE was the primary analyte detected (51 of the 63 samples analyzed contained at least detectable concentrations of PCE >0.005 mg/kg), with only a few samples containing trace concentrations of TCE (0.007-0.014 mg/kg) and Cis, 1,2-Dichloroethene (0.0057-0.083 mg/kg). Trace concentrations of apparent gasoline-related compounds were also detected in CB-2-10' and CB-11-15'.

Most of the PCE concentrations were detected in the samples collected in the northwest corner, with the highest levels noted in samples collected at 25 feet bgs. In borings CB-1, CB-3, CB-4, and CB-6, PCE was detected in the 25-foot samples in concentrations ranging from 1.3-2.5 mg/kg. Concentrations of PCE in samples collected above 25 feet in this area ranged from ND-0.88 mg/kg, while below 25 feet they ranged from ND-0.69 mg/kg (except 1.6 mg/kg PCE was detected in CB-6-35'). In CB-13, PCE was detected at 0.30 mg/kg at 15 feet bgs (compared to 41,300 $\mu$g/L in soil gas sample SG14-15' in 1996) and at 0.0073 mg/kg at 20 feet bgs.

In samples collected elsewhere on the property, concentrations of PCE ranged from ND-0.40 mg/kg, and no TCE was detected.

The analytical results of the soil samples analyzed are summarized in Table 1 in the Appendix. The complete laboratory reports and the chain of custody forms are included in Exhibit 2.

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## 5.0 CONCLUSIONS AND RECOMMENDATIONS

Centec Engineering has completed a Phase II subsurface investigation for the Continental Heat Treating facility at 10643 South Norwalk Boulevard in Santa Fe Springs, California. The investigation was conducted to establish a current status of the soils at the site. The investigation was promulgated in part by a concern over elevated concentrations of VOCs and other contaminants detected in nearby soils at the adjacent Mobil site, many of which were not removed by Mobil during excavation activities conducted in 1998, and by an interest to resolve lingering environmental concerns regarding the presence of volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), that had been detected previously in soil gas samples collected in the northwest corner of the property. The investigation was also conducted to assess two other potential areas of environmental concern on the property. A total of thirteen borings were completed by Centec throughout the property.

In seven borings completed to a maximum depth of 40 feet bgs in the northwest corner of the property, VOCs were detected in most of the samples collected. Generally low levels of VOCs, primarily PCE, were detected in shallower samples collected from 5-20 feet bgs (ND-0.88 mg/kg PCE) in this vicinity, while elevated concentrations of PCE were detected in 4 of the 6 samples collected at 25 feet bgs (1.3-2.5 mg/kg). The borings were completed into accessible drilling locations around a fenced enclosure containing aboveground storage tanks for liquid nitrogen and hydrogen, which has reportedly been in place for 30 years. Hazardous materials are not otherwise used or stored in this area of the property. The overall collection of data and information for this area tends to suggest that a migration of VOCs had occurred onto the subject property from the adjacent Mobil site, likely along the silty clay/clayey silt layer noted at 25 feet bgs. (Reports prepared for the Mobil site indicated "a very tight, dry, clayey silt is located approximately 15 to 20 feet below grade and exists throughout most of the investigated area.")

In the three borings completed adjacent to the hazardous waste storage area in the southwest corner of the property, two of which were slant-drilled under the bermed concrete storage pad, relatively low concentrations of PCE (<0.5 mg/kg) were detected in 5 of the 9 samples collected. At 10 feet bgs, the deepest samples collected in this area, PCE was detected at a maximum concentration of 0.016 mg/kg. No other VOCs were detected. This does not suggest that a significant release of VOCs has occurred in this area.

In the three borings completed adjacent to the in-ground clarifier at the northeast corner of the property, PCE was only detected at trace concentrations (0.0075-0.012 mg/kg) in 3 of the 8 samples, and were underlain by samples without detectable levels of PCE. Other than trace concentrations of xylene and trimethylbenzene, no other VOCs were detected. This does not suggest that a significant release of VOCs has occurred in this area.

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Based on the findings of this investigation, it would not appear that significant additional actions are necessary or warranted for the areas investigated. Although elevated concentrations of PCE, as well as other VOCs, were detected in the northwest corner of the property, they are primarily trapped within dense clayey soils at 25 feet bgs and would not appear to be from an obvious on-site source. It is known that substantially higher concentrations of VOCs were documented throughout the adjacent Mobil property from its decades of prior use as an oil production and storage facility and lessor to various tenants, with the highest concentrations generally reported at shallow depths that were apparently impacted by surface spillage. It is also known that Mobil excavated significant areas of their impacted soil down to 11-15 feet bgs, but were allowed to leave in place soils that were known to contain extremely elevated levels of PCE and other VOCs, including PCE at least up to 27,000 mg/kg near Continental Heat Treating's northwest corner. In consideration of these factors, it would not appear that significant further regulatory requirements for the Continental Heat Treating site would be reasonable or consistent.

## 6.0 LIMITATIONS

This Limited Subsurface Environmental Site Assessment was performed in accordance with generally and currently accepted engineering practices and principles. The investigation was necessarily limited by time and expense to the number of sample locations and laboratory analyses completed. Although efforts were made to obtain results that would be indicative of subsurface conditions, no further conclusions regarding the absence or presence of subsurface contamination at the site should be construed or inferred other than those expressly stated in this report. The conclusions made are based on information obtained from visual observations, information provided by others, independent laboratory analytical results, and from relevant Federal, State, regional, and local agencies. Although Centec Engineering believes that the information contained herein is reliable, no guarantee is made as to the accuracy of information provided to Centec by others. This report was prepared for the use of Freeman, Freeman & Smiley, LLP and/or assigns.

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## APPENDIX

**MAP A** - SITE LOCATION

**MAP B** - SITE PLAN

**MAP C** - SITE PLAN - DETAIL OF NORTHWEST CORNER

**TABLE 1** - SUMMARY OF SOIL SAMPLE RESULTS

**EXHIBIT 1** - BORING LOGS

**EXHIBIT 2** - LABORATORY ANALYTICAL RESULTS

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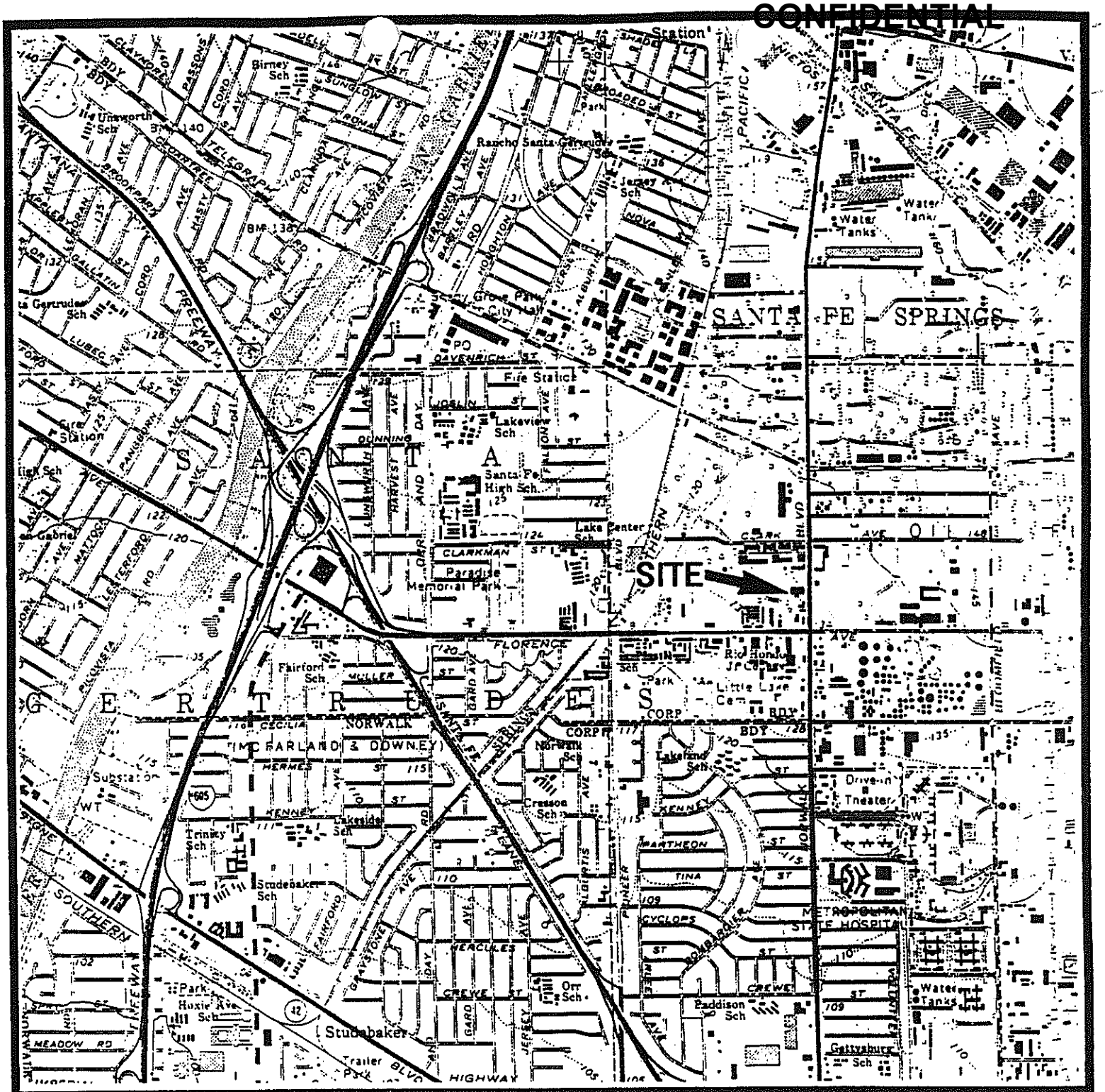


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# MAP A

## SITE LOCATION

SCALE (in feet)

0 2000 4000

N

Continental Heat Treating, Inc.
10643 S. Norwalk Blvd.
Santa Fe Springs, CA 90670

SOURCE: USGS 7.5 TOPOGRAPHIC MAP
WHITTIER QUADRANGLE

Centec Project #0041082

SITE LOCATION

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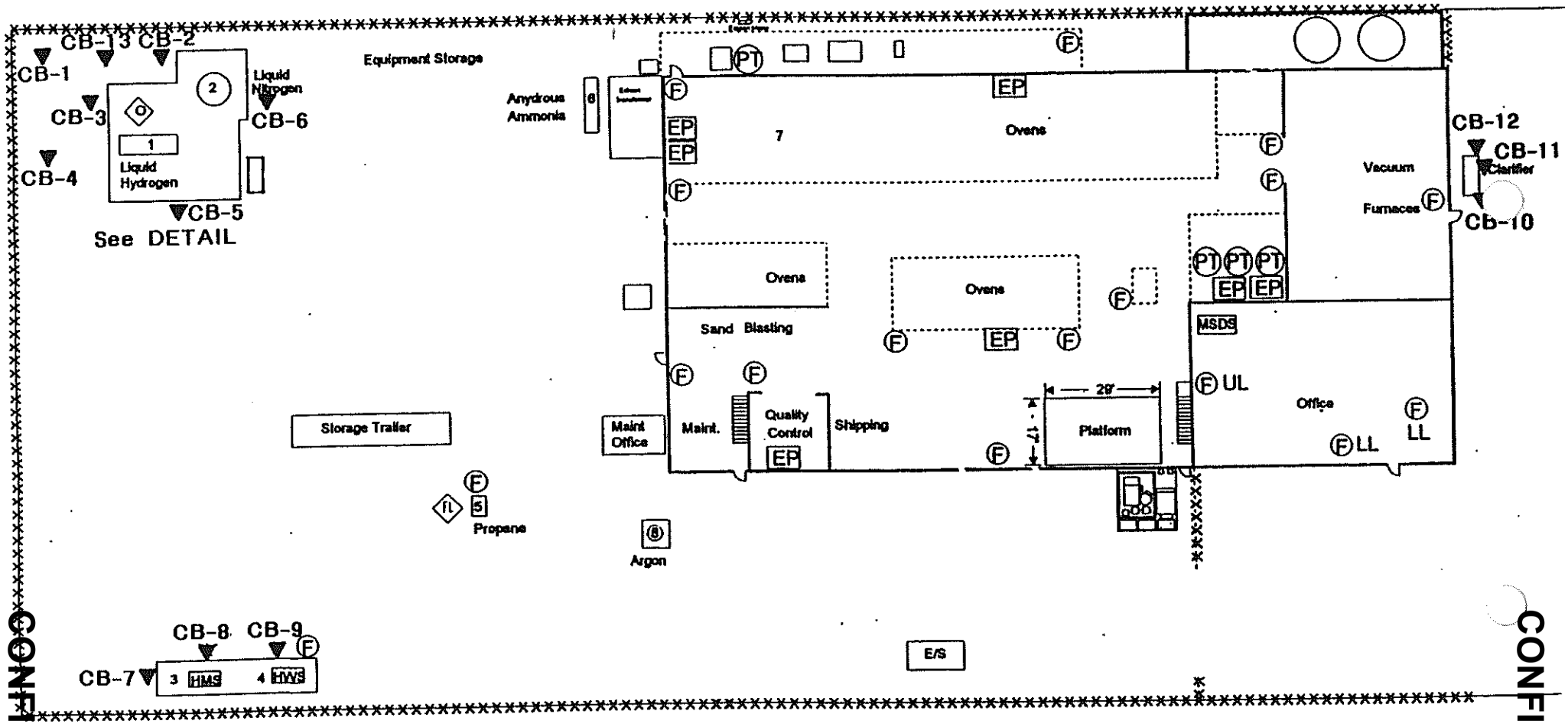


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Ⓕ = Fire Extinguisher

EP = Electrical Panel

PT = Pressure Tank

▼ = Centec Soil Boring

**Continental Heat Treating, Inc.**

10643 S. Norwalk Blvd.

Santa Fe Springs, CA 90670

## MAP B

## SITE PLAN

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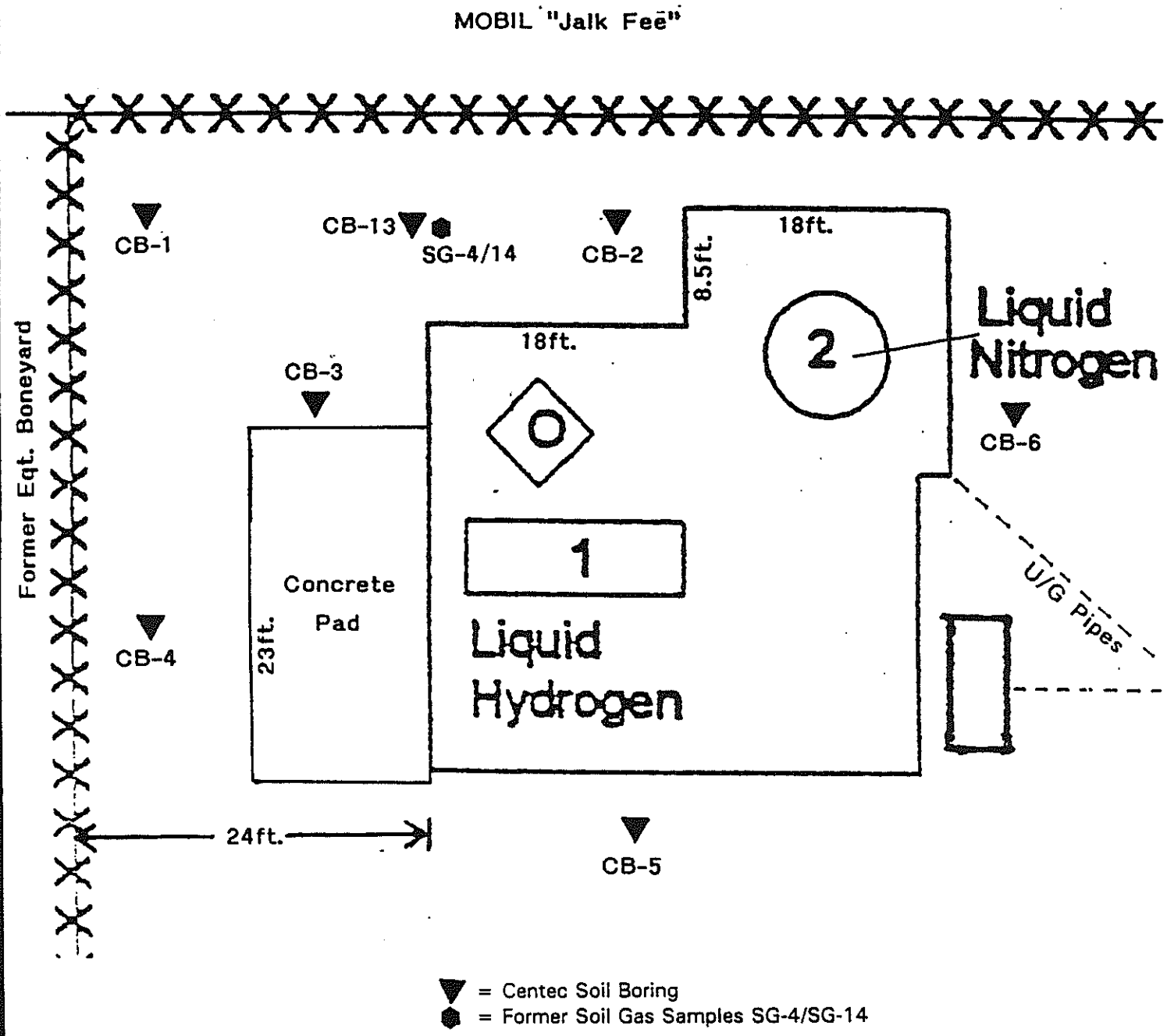


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# MAP C
# SITE PLAN

SCALE (in feet)

0 10 20

N

## Detail of Northwest Corner

Continental Heat Treating, Inc.
10643 S. Norwalk Blvd.
Santa Fe Springs, CA 90670

Centec Project #041082

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# TABLE 1

## SUMMARY OF SOIL SAMPLE RESULTS

## CONTINENTAL HEAT TREATING
## 10643 S. Norwalk Boulevard, Santa Fe Springs, CA

All analytical results shown in mg/kg (parts per million)

| Boring # | Depth ft. bgs | PCE | TCE | Other VOCs |
|---|---|---|---|---|
| CB-1 | 5 | 0.20 | ND | ND |
| | 10 | 0.32 | ND | ND |
| | 15 | 0.88 | 0.007 | ND |
| | 20 | 0.12 | ND | ND |
| | 25 | 1.30 | 0.011 | DCE=0.083 |
| | 30 | 0.087 | ND | ND |
| | 35 | 0.042 | ND | ND |
| CB-2 | 5 | 0.069 | ND | ND |
| | 10 | 0.18 | ND | ** |
| | 15 | ND | ND | ND |
| | 20 | 0.47 | ND | ND |
| | 25 | 0.010 | ND | ND |
| | 30 | 0.092 | ND | ND |
| | 35 | 0.36 | ND | ND |
| | 40 | 0.0062 | ND | ND |
| CB-3 | 5 | 0.23 | ND | ND |
| | 10 | 0.048 | ND | ND |
| | 15 | 0.0093 | ND | ND |
| | 20 | 0.13 | ND | ND |
| | 25 | 1.7 | 0.0071 | DCE=0.027 |
| | 30 | 0.39 | ND | DCE=0.010 |
| | 35 | 0.040 | ND | ND |
| CB-4 | 5 | 0.19 | ND | ND |
| | 10 | 0.22 | ND | ND |
| | 15 | 0.010 | ND | ND |
| | 20 | 0.24 | ND | ND |
| | 25 | 1.9 | 0.014 | DCE=0.034 |
| | 30 | 0.026 | ND | ND |
| | 35 | 0.032 | ND | ND |
| | 40 | 0.69 | 0.009 | ND |
| CB-5 | 5 | 0.14 | ND | ND |
| | 10 | -- | -- | -- |
| | 15 | 0.31 | ND | ND |
| | 20 | ND | ND | ND |
| | 25 | ND | ND | ND |
| | 30 | 0.44 | ND | ND |
| | 35 | 0.022 | ND | ND |

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| Boring # | Depth ft. bgs | PCE | TCE | Other VOCs |
|---|---|---|---|---|
| CB-6 | 5 | 0.18 | ND | ND |
| | 10 | 0.20 | ND | ND |
| | 15 | 0.028 | ND | ND |
| | 20 | 0.13 | ND | ND |
| | 25 | 2.5 | 0.016 | ND |
| | 30 | 0.56 | ND | ND |
| | 35 | 1.6 | 0.016 | DCE = 0.0057 |
| | 40 | 0.010 | ND | ND |
| CB-7 | 2 | ND | ND | ND |
| | 5 | ND | ND | ND |
| | 10 | 0.016 | ND | ND |
| CB-8 | 2 | 0.40 | ND | ND |
| | 5 | 0.010 | ND | ND |
| | 10 | 0.0068 | ND | ND |
| CB-9 | 2 | 0.032 | ND | ND |
| | 5 | ND | ND | ND |
| | 10 | ND | ND | ND |
| CB-10 | 5 | 0.010 | ND | ND |
| | 10 | 0.0075 | ND | ND |
| | 15 | ND | ND | ND |
| CB-11 | 10 | ND | ND | ND |
| | 15 | ND | ND | m,p-Xylene = 0.014<br>Trimethylbenzenes = 0.044 |
| CB-12 | 5 | 0.012 | ND | ND |
| | 10 | ND | ND | ND |
| | 15 | ND | ND | ND |
| CB-13 | 15 | 0.30 | ND | ND |
| | 20 | 0.0073 | ND | ND |

**NOTES:** Samples collected 12/6/01 and analyzed 12/7-12/10/01.
EPA Method 8260B utilized for all sample analyses.
PCE = Tetrachloroethene
TCE = Trichloroethene
Other VOCs = Other Volatile Organic Compounds - only analytes identified above Method Detection Limits are noted.
DCE = Cis,1,2-Dichloroethene
** = Low concentrations of ethylbenzene (0.015), xylenes (0.115), n-Propylbenzene (0.016), 1,3,5-Trimethylbenzene (0.036), 1,24-Trimethylbenzene (0.11), n-Butylbenzene (0.017), and napthalene (0.021) also detected
ft. bgs = Feet below ground surface
ND = Not Detected at or Above Method Detection Limits
— = Not analyzed

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# EXHIBIT 1

## BORING LOGS

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 10:55 a.m.
**END DRILLING:** 11:55 a.m.

**BORING NUMBER:** CB-1
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 11:00 | 5 | | Soil | 2.7 | Silty clay, brown, low-med plasticity, trace very fine sand, no odor | CL | CB-1-5' |
| 11:05 | 10 | | Soil | 7.6 | Silty clay, brown, low plasticity, trace very fine silt, no odor | CL | CB-1-10' |
| 11:15 | 15 | | Soil | 91 | Silt, light brown, low plasticity, some clay, dry, no odor | ML | CB-1-15' |
| 11:25 | 20 | | Soil | 10.6 | Silt, light brown, low plasticity, some clay, trace pebbles, dry, no odor | ML | CB-1-20' |
| 11:35 | 25 | | Soil | 30 | Clayey silt, brown, low plasticity, dry, slight odor | ML | CB-1-25' |
| 11:40 | 30 | | Soil | 170 | Silt, light brown, low plasticity, some clay, slight odor | ML | CB-1-30' |
| 11:50 | 35 | | Soil | 26 | Silt, light brown, low plasticity, hard, slight odor | ML | CB-1-35' |
| | 40 | | | | Refusal at 35' | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 09:15 a.m.
**END DRILLING:** 16:10 p.m.

**BORING NUMBER:** CB-2
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 09:20 | 5 | | Soil | 8.1 | Silty clay, brown, low plasticity, no odor | CL | CB-2-5' |
| 09:30 | 10 | | Soil | 9.6 | Silty clay, brown, low plasticity, no odor | CL | CB-2-10' |
| 09:45 | 15 | | Soil | 17.2 | Silt, light brown, low plasticity, dry, no odor, hard | ML | CB-2-15' |
| 09:50 | 20 | | Soil | 117 | Silt, light brown, low plasticity, dry, no odor, hard | ML | CB-2-20' |
| 10:15 | 25 | | Soil | 10.2 | Silt, light brown, low plasticity, dry, no odor, hard, trace pebbles, very fine sand | ML | CB-2-25' |
| 15:40 | 30 | | Soil | 29.8 | Silt, light brown, hard, low plasticity, very slight solvent odor | ML | CB-2-30' |
| 15:55 | 35 | | Soil | 132 | Clayey silt, brown, low plasticity, dense, no odor | ML | CB-2-35' |
| 16:10 | 40 | | Soil | 24.9 | Silt, light brown, hard, low plasticity, some very fine sand | ML | CB-2-40' |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 10:45 a.m.
**END DRILLING:** 15:15 p.m.

**BORING NUMBER:** CB-3
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 10:50 | 5 | | Soil | 8.2 | Silty clay, brown, low plasticity, no odor | CL | CB-3-5' |
| 11:00 | 10 | | Soil | 16.5 | Sandy clay, brown, low plasticity, very fine sand, no odor | CL | CB-3-10' |
| 11:05 | 15 | | Soil | 16 | Sandy silt, light brown, very fine sand, dry, no odor | ML | CB-3-15' |
| 11:15 | 20 | | Soil | 46 | Clayey silt, light brown, hard, low plasticity, dry, no odor | ML | CB-3-20' |
| 14:40 | 25 | | Soil | 11.7 | Silty clay, brown, low plasticity, dry, no odor | CL | CB-3-25 |
| 14:55 | 30 | | Soil | 11.9 | Silt, brown, low plasticity, dry, no odor | ML | CB-3-30' |
| 15:15 | 35 | | Soil | 7.9 | Clayey silt, light brown, low plasticity, dry, no odor | ML | CB-3-35' |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 12:55 p.m.
**END DRILLING:** 14:20 p.m.

**BORING NUMBER:** CB-4
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 13:00 | 5 | | Soil | 2.7 | Silty clay, brown, low plasticity, some very fine sand, no odor | CL | CB-4-5' |
| 13:10 | 10 | | Soil | 2.5 | Silty clay, brown, low plasticity, some very fine sand, no odor | CL | CB-4-10' |
| 13:20 | 15 | | Soil | 3.4 | Sand, light brown, very fine silt, sugar texture, changes to clayey silt, light brown, low plasticity, dry, no odor | ML | CB-4-15' |
| 13:30 | 20 | | Soil | 11.1 | Silt, light brown, hard, low plasticity, dry, no odor | ML | CB-4-20' |
| 13:40 | 25 | | Soil | 5.0 | Silty clay, brown, low plasticity, dry, no odor | CL | CB-4-25' |
| 13:50 | 30 | | Soil | 2.6 | Silt, light brown, low plasticity, dry, no odor | ML | CB-4-30' |
| 14:00 | 35 | | Soil | 24.4 | Silt, light brown, low plasticity, dry, no odor | ML | CB-4-35' |
| 14:20 | 40 | | Soil | 5.3 | Clayey silt, brown, low plasticity, dry, no odor | ML | CB-4-40' |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 09:40 a.m.
**END DRILLING:** 10:35 a.m.

**BORING NUMBER:** CB-5
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 09:40 | 5 | | Soil | 11.9 | Silty clay, brown, low-medium plasticity, dry, no odor | CL | CB-5-5' |
| 09:45 | 10 | | Soil | 4.3 | Silty clay, brown, low-medium plasticity, dry, no odor | CL | CB-5-10' |
| 09:50 | 15 | | Soil | 36 | Clay, light grey, low plasticity, hard, changes to silty sandy, light brown, very fine sand, no odor | CL/SM | CB-5-15' |
| 09:55 | 20 | | Soil | 4.6 | Silty sand, light brown, hard, very fine to fine, with lense silty clay | SM | CB-5-20' |
| 10:05 | 25 | | Soil | -- | Silt, light grey, low plasticity, hard, dry, no odor | ML | CB-5-25' |
| 10:20 | 30 | | Soil | 16.3 | Silty, light brown, low plasticity, dry, no odor | ML | CB-5-30' |
| 10:35 | 35 | | Soil | 43.5 | Silty, light brown, low plasticity, dry, no odor | ML | CB-5-35' |
| | 40 | | | | Refusal at 35' | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 07:40 a.m.
**END DRILLING:** 09:20 a.m.

**BORING NUMBER:** CB-6
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 07:50 | 5 | | Soil | 1.7 | Silty clay, brown, low plasticity, some very fine sand, no odor | CL | CB-6-5' |
| 08:00 | 10 | | Soil | 5.3 | Silty clay, brown, low plasticity, some very fine sand, no odor | CL | CB-6-10' |
| 08:05 | 15 | | Soil | 3.5 | Sand and silt, light brown, very fine sand, sugar texture and silt, dry, no odor | ML | CB-6-15' |
| 08:10 | 20 | | Soil | 14 | Silt, grey/brown, hard, low plasticity, dry, no odor | ML | CB-6-20' |
| 08:20 | 25 | | Soil | 53 | Sandy clay, brown, low plasticity, changes to silty grey/brown, hard, low plasticity, dry, no odor | CL/ML | CB-6-25' |
| 08:30 | 30 | | Soil | 21.6 | Clayey silt, brown, low plasticity, dry, no odor | ML | CB-6-30' |
| 08:50 | 35 | | Soil | 6 | Silty clay, brown, low-medium plasticity, dry, no odor | CL | CB-6-35' |
| 09:20 | 40 | | Soil | -- | Sand and silt, light grey, very fine-fine sand, hard, dry, no odor, sugar texture | ML | CB-6-40' |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 08:05 a.m.
**END DRILLING:** 08:20 a.m.

**BORING NUMBER:** CB-7
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0 | | | | | | |
| 08:10 | 2.0 | | Soil | 1.7 | Clayey silt, dark brown, low plasticity, dry, no odor | ML | CB-7-2' |
| 08:15 | 5 | | Soil | 1.7 | Silt, brown, low plasticity, dry, no odor | ML | CB-7-5' |
| 08:20 | 10 | | Soil | 1.5 | Silty clay, brown, low plasticity, fine-very fine sand, no odor | CL | CB-7-10' |
| | 15 | | | | | | |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 07:20 a.m.
**END DRILLING:** 07:35 a.m.

**BORING NUMBER:** CB-8
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0 | | | | Angled at 20° under haz. waste storage pad. | | |
| 07:25 | 2.0 | | Soil | 2.7 | Clayey silt, dark brown, low plasticity, dry, no odor | ML | CB-8-2' |
| 07:30 | 5 | | Soil | 1.6 | Clayey silt, dark brown, low plasticity, dry, no odor, some very fine sand, brown | ML | CB-8-5' |
| 07:35 | 10 | | Soil | 2.0 | Silty clay, brown, low plasticity, some very fine sand, dry, no odor | CL | CB-8-10' |
| | 15 | | | | | | |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 08:40 a.m.
**END DRILLING:** 09:00 a.m.

**BORING NUMBER:** CB-9
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0 | | | | Angled at 20° under haz. waste storage pad. | | |
| 08:45 | 2.0 | | Soil | 1.9 | Clayey silt, dark brown, low plasticity, dry, some very fine sand, no odor | ML | CB-9-2' |
| 08:50 | 5 | | Soil | 1.9 | Silt, brown, low plasticity, dry, some very fine sand, no odor | ML | CB-9-5' |
| 09:00 | 10 | | Soil | 1.7 | Clayey silt, brown, low plasticity, hard, dry, no odor | ML | CB-9-10' |
| | 15 | | | | | | |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 11:00 a.m.
**END DRILLING:** 11:35 a.m.

**BORING NUMBER:** CB-10
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 11:10 | 5 | | Soil | 0.7 | Silty clay, brown, low-medium plasticity, slightly moist, no odor | CL | CB-10-5' |
| 11:20 | 10 | | Soil | 1.9 | Same as above, no odor | CL | CB-10-10' |
| 11:35 | 15 | | Soil | 11.5 | Sand, greenish brown, moderately well sorted, very fine grained, no odor | SP | CB-10-15' |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 11:50 a.m.
**END DRILLING:** 12:25 p.m.

**BORING NUMBER:** CB-11
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| | 5 | | | | | | |
| 12:00 | 10 | | Soil | 1.9 | Silty clay, brown, low plasticity, dry, no odor | CL | CB-11-10' |
| 12:25 | 15 | | Soil | 2.2 | Sand, greenish grey, moderately well sorted, very fine grained, dry, no odor | SP | CB-11-15' |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 12:40 p.m.
**END DRILLING:** 13:15 p.m.

**BORING NUMBER:** CB-12
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| 12:45 | 5 | | Soil | 2.0 | Silty clay, brown, medium plasticity, moist, no odor | CL | CB-12-5' |
| 12:55 | 10 | | Soil | 2.0 | Silty clay, brown, low plasticity, dry, no odor | CL | CB-12-10' |
| 13:15 | 15 | | Soil | 3.3 | Sand, greenish grey, moderately well sorted, very fine-fine grained, dry, no odor | SP | CB-12-15' |
| | 20 | | | | | | |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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# BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

**CLIENT NAME:** Freeman, Freeman, Smiley
**PROJECT NAME:** Continental Heat Treating
**DATE:** 12/06/01
**BEGIN DRILLING:** 16:10 p.m.
**END DRILLING:** 16:30 p.m.

**BORING NUMBER:** CB-13
**BORING LOGGED BY:** Dan Louks, R.G. #4883
**DRILLING CONTRACTOR:** Vironex
**DRILLING METHOD:** Geo Probe
**SITE LOCATION:** 10643 S. Norwalk Blvd.
Santa Fe Springs, CA

| TIME | DEPTH | BLOW COUNTS | SAMPLE TYPE | TOV (PPM) | SAMPLE DESCRIPTION | USCS SOIL TYPE | LAB SAMPLE |
|---|---|---|---|---|---|---|---|
| | 0<br>2.5 | | | | | | |
| | 5 | | | | | | |
| | 10 | | | | | | |
| 16:20 | 15 | | Soil | 9.6 | Silty clay, brown, low plasticity, dry, no odor | CL | CB-13-15' |
| 16:30 | 20 | | Soil | 99.2 | Silt, light brown, low plasticity, dry, no odor | ML | CB-13-20' |
| | 25 | | | | | | |
| | 30 | | | | | | |
| | 35 | | | | | | |
| | 40 | | | | | | |

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CENTEC engineering

## EXHIBIT 2

LABORATORY ANALYTICAL RESULTS

- Chain-of-Custody Forms
- Laboratory Data Sheets

# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS 12-019



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Treating Santa Fe Springs

Sampler: D. Lewis, S. Collins

Report to: Centec

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preservatives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CB-1-5' | Soil | Encore Sampler | 2 | 12/6/01 11:00 | Ice | | | | X | | | | | | |
| 2 | CB-1-10' | | | 2 | 11:05 | | | | | X | | | | | | |
| 3 | CB-1-15' | | | 2 | 11:15 | | | | | X | | | | | | |
| 4 | CB-1-20' | | | 2 | 11:25 | | | | | X | | | | | | |
| 5 | CB-1-25' | | | 2 | 11:35 | | | | | X | | | | | | |
| 6 | CB-1-30' | | | 2 | 11:40 | | | | | X | | | | | | |
| 7 | CB-1-35 | | | 1 | 11:50 | | | | | X | | | | | | |
| 8 | CB 2-5' | | | 2 | 9:20 | | | | | X | | | | | | |
| 9 | CB-2-10' | | | 2 | 9:30 | | | | | X | | | | | | |
| 10 | CB 2-15' | | | 2 | 9:45 | | | | | X | | | | | | |
| 11 | CB-2-20' | | | 2 | 9:50 | | | | | X | | | | | | |
| 12 | CB-2-25' | | | 2 | 10:15 | | | | | X | | | | | | |

Relinquished By: S. Collins Date/Time: 12/6/01 4:30

Received By: [illegible] T Date/Time: 12/6/01 4:30 pm

Relinquished By: Date/Time:

Received By: Date/Time:

Relinquished By: Date/Time:

Received in Lab By: Date/Time:

Turnaround Time: (check) 24 hours ___ 5 days X 48 hours ___ normal ___

Sample Integrity: (check) Intact X on ice X

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# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS 12-019



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Treating Santa Fe Springs

Report to: Centec

Sampler: D. Lewis S. Collins

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preservatives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | CB-2-30' | Soil | Encore Sampler | 2 | 12/6/01 11:40 | Ice | | | | X | | | | | | |
| 14 | CB-2-35' | | | 2 | 15:55 | | | | | X | | | | | | |
| 15 | CB-2-40' | | | 1 | 16:10 | | | | | X | | | | | | |
| 16 | CB 3 5' | | | 2 | 10:50 | | | | | X | | | | | | |
| 17 | CB 3 10' | | | 2 | 11:05 | | | | | X | | | | | | |
| 18 | CB-3 15' | | | 2 | 11:05 | | | | | X | | | | | | |
| 19 | CB 3-20' | | | 2 | 14:15 | | | | | X | | | | | | |
| 20 | CB-3-25' | | | 2 | 14:40 | | | | | X | | | | | | |
| 21 | CB-3-30' | | | 2 | 14:55 | | | | | X | | | | | | |
| 22 | CB 3-35' | | | 1 | 15:15 | | | | | X | | | | | | |
| 23 | CB-4-5' | | | 2 | 13:00 | | | | | X | | | | | | |
| 24 | CB-4-10' | | | 2 | 13:10 | | | | | X | | | | | | |

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| S. Collins | 12/6/01 4:30 | Grace T | 12/6/01 4:30 pm |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time: (check)
24 hours ___ 5 days X
48 hours ___ normal ___

Sample Integrity: (check)
intact X on ice X

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# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS 12-011



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Trending Santa Fe Springs

Sampler: D. Cooks, S. Collins

Report to: Centec

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preservatives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | CB-4-15' | Soil | Encore Sampler | 2 | 12/6/01 13:20 | Ice | | | | X | | | | | | |
| 26 | CB-4-20' | | | 2 | 13:30 | | | | | X | | | | | | |
| 27 | CB-4-25' | | | 2 | 13.40 | | | | | X | | | | | | |
| 28 | CB-4-30' | | | 2 | 13:50 | | | | | X | | | | | | |
| 29 | CB-4-35' | | | 2 | 14:00 | | | | | X | | | | | | |
| 30 | CB-4-40' | | | 2 | 14:10 | | | | | X | | | | | | |
| 31 | CB-5-5' | | | 2 | 9:40 | | | | | X | | | | | | |
| | CB-5-10' | | | 2 | 9:45 | | | | | | | | | | | HOLD |
| 33 | CB-5-15' | | | 2 | 9:50 | | | | | X | | | | | | |
| 34 | CB 5-20' | | | 2 | 9:55 | | | | | X | | | | | | |
| 35 | CB-5-25' | | | 1 | 10:05 | | | | | X | | | | | | |
| 36 | CB-5-30' | | | 2 | 10:20 | | | | | X | | | | | | |

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| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| S Collins | 12/6/01 4:30 | CREG T | 12/6/01 4:30 pm |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time: (check)
24 hours ___ 5 days X
48 hours ___ normal ___

Sample Integrity: (check)
intact X on ice X

# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

12-019



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Treating Santa Fe Springs

Report to: Centec

Sampler: D. Cooks, S. Collins

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preservatives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | CB-5-35' | Soil | Encore Sampler | 2 | 12/6/01 10:55 | Ice | | | | X | | | | | | |
| 38 | CB-6-5' | | | 2 | 7:50 | | | | | X | | | | | | |
| 39 | CB-6-10' | | | 2 | 8:00 | | | | | X | | | | | | |
| 40 | CB-6-15' | | | 2 | 8:05 | | | | | X | | | | | | |
| 41 | CB-6-20' | | | 2 | 8:10 | | | | | X | | | | | | |
| 42 | CB-6-25' | | | 2 | 8:20 | | | | | X | | | | | | |
| 43 | CB-6-30' | | | 2 | 8:30 | | | | | X | | | | | | |
| 44 | CB-6-35' | | | 2 | 8:50 | | | | | X | | | | | | |
| 45 | CB-6-40' | | | 2 | 9:20 | | | | | X | | | | | | |
| 46 | CB-7-2' | | | 2 | 8:10 | | | | | X | | | | | | |
| 47 | CB-7-5' | | | 2 | 8:15 | | | | | X | | | | | | |
| 48 | CB 7-10' | | | 2 | 8:20 | | | | | X | | | | | | |

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| S Collins | 12/6/01 4:2 | [illegible] | 12/6/01 4:30pm |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time: (check)
24 hours ____ 5 days X
48 hours ____ normal ____

Sample Integrity: (check)
intact X on ice X

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# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS 12-017



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Treating Santa Fe Springs

Report to: Centec

Sampler: D. Cooks, S. Collins

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preservatives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 49 | CB-8-2' | Soil | Encore Sampler | 2 | 12/6/01 7:25 | Ice | | | | X | | | | | | |
| 50 | CB-8-5' | | | 2 | 7:30 | | | | | X | | | | | | |
| 51 | CB-8-10' | | | 2 | 7:35 | | | | | X | | | | | | |
| 52 | CB-9-2' | | | 2 | 8:45 | | | | | X | | | | | | |
| 53 | CB-9-5' | | | 2 | 8:50 | | | | | X | | | | | | |
| 54 | CB-9-10' | | | 2 | 9:00 | | | | | X | | | | | | |
| 55 | CB-10-5' | | | 2 | 11:10 | | | | | X | | | | | | |
| 56 | CB-10-10' | | | 2 | 11:20 | | | | | X | | | | | | |
| 57 | CB-10-15' | | | 2 | 11:35 | | | | | X | | | | | | |
| 58 | CB-11-10' | | | 2 | 12:00 | | | | | X | | | | | | |
| 59 | CB-11-15' | | | 2 | 12:25 | | | | | X | | | | | | |
| 60 | CB-12-5' | | | 2 | 12:45 | | | | | X | | | | | | |

Relinquished By: S. Collins Date/Time: 12/6/01 4:30

Received By: GREG T Date/Time: 12/6/01 4:30pm

Relinquished By: Date/Time:

Received By: Date/Time:

Relinquished By: Date/Time:

Received in Lab By: Date/Time:

Turnaround Time: (check)
24 hours ___ 5 days X
48 hours ___ normal ___

Sample Integrity: (check)
Intact X on ice X

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# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

1QL019



**CENTEC engineering**
1601 Dove Street, Suite 100
Newport Beach, California 92660
(949) 476-8922 • Fax (949) 474-3222

Project: Continental Heat Treating Santa Fe Springs

Report to: Centec

Sampler: D. Lewis, S. Collins

| Laboratory Sample # | Centec Sample Description | Sample Matrix | Container Type | # of Cont | Sampling Date/Time | Preservatives | EPA 418.1 | EPA 8010 | EPA 8015g/8020 include MTBE | EPA 8260 B | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | CB-12-10' | Soil | Encore Sampler | 2 | 12/6/01 12:55 | Ice | | | | X | | | | | | |
| 62 | CB-12-15' | | | 2 | 13:15 | | | | | X | | | | | | |
| 63 | CB-13-15' | | | 2 | 16:20 | | | | | X | | | | | | |
| 64 | CB-13-20' | | | 2 | 16:30 | | | | | X | | | | | | |

ANALYSIS REQUESTED

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| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| S Collins | 12/6/01 4:30 | [illegible] | 12/6/01 4:30pm |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time: (check)
24 hours ____ 5 days X
48 hours ____ normal ____

Sample Integrity: (check)
intact X on ice X

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# CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

## ANALYTICAL RESULTS*

**CTEL Project No:** CT204-0112019
**Client Name:** Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
**Attention:** Mr. Steve Collins

**Phone:(949) 476-8922**
**Fax: (949) 474-3222**

**Project ID:**
**Project Name:** Continental Heat Treating
Santa Fe Springs
**Date Sampled:** 12/06/01 @ 11:00 am
**Date Received:** 12/06/01 @ 16:30 p.m.
**Date Analyzed:** 12/07/01 & 12/10/01

**Matrix: Soil**

| Laboratory ID: / Client Sample ID: | 0112-019-1 CB-1-5' | 0112-019-2 CB-1-10' | 0112-019-3 CB-1-15' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1-20 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | 0.007 | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)


CONFIDENTIAL

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-1 CB-1-5' | 0112-019-2 CB-1-10' | 0112-019-3 CB-1-15' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.20 | 0.32 | 0.88 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 105 | 106 | 106 | 70-130 |
| 1,2 Dichloromethaned4 | 105 | 100 | 106 | 70-130 |
| Toluene-d8 | 96 | 96 | 96 | 70-130 |
| Bromofluorobenzene | 84 | 86 | 84 | 70-130 |

**CTEL Project No:** CT204-0112019
**Client Name:** Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
**Attention:** Mr. Steve Collins

**Phone:** (949) 476-8922
**Fax:** (949) 474-3222

**Project ID:**
**Project Name:** Continental Heat Treating
Santa Fe Springs

**Date Sampled:** 12/06/01 @ 11:25 am
**Date Received:** 12/06/01 @ 16:30 p.m.
**Date Analyzed:** 12/07/01 & 12/10/01

**Matrix: Soil**

| Laboratory ID: | 0112-019-4 | 0112-019-5 | 0112-019-6 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-1-20' | CB-1-25' | CB-1-30' | | | |
| Dilution | 1 | 1-25 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | 0.083 | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | 0.011 | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

**CTEL Project No:** CT204-0112019

**Project ID:**
**Project Name:** Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-4 CB-1-20' | 0112-019-5 CB-1-25' | 0112-019-6 CB-1-30' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.12 | 1.3 | 0.087 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 104 | 106 | 108 | 70-130 |
| 1,2 Dichloromethaned4 | 107 | 101 | 108 | 70-130 |
| Toluene-d8 | 96 | 95 | 96 | 70-130 |
| Bromofluorobenzene | 85 | 85 | 85 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Attention: Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 11:50 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-7 CB-1-35' | 0112-019-8 CB-2-5' | 0112-019-9 CB-2-10' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.003 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-7 CB-1-35' | 0112-019-8 CB-2-5' | 0112-019-9 CB-2-10' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.042 | 0.069 | 0.18 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | 0.015 | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | 0.090 | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | 0.025 | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | 0.016 | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | 0.036 | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | 0.11 | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | 0.017 | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | 0.021 | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 106 | 106 | 109 | 70-130 |
| 1,2 Dichloromethaned4 | 109 | 107 | 110 | 70-130 |
| Toluene-d8 | 96 | 95 | 97 | 70-130 |
| Bromofluorobenzene | 84 | 86 | 86 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Attention: Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 09:45 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: | 0112-019-10 | 0112-019-11 | 0112-019-12 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-2-15' | CB-2-20' | CB-2-25' | | | |
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID: Continental Heat Treating

| Laboratory ID: Client Sample ID: | 0112-019-10 CB-2-15' | 0112-019-11 CB-2-20' | 0112-019-12 CB-2-25' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | 0.47 | 0.010 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 106 | 100 | 107 | 70-130 |
| 1,2 Dichloromethaned4 | 109 | 104 | 114 | 70-130 |
| Toluene-d8 | 94 | 95 | 94 | 70-130 |
| Bromofluorobenzene | 83 | 96 | 87 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Attention: Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 15:40 p.m.
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-13 CB-2-30' | 0112-019-14 CB-2-35' | 0112-019-15 CB-2-40' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1-5 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-13 CB-2-30' | 0112-019-14 CB-2-35' | 0112-019-15 CB-2-40' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.092 | 0.36 | 0.0062 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 107 | 102 | 96 | 70-130 |
| 1,2 Dichloromethaned4 | 106 | 105 | 107 | 70-130 |
| Toluene-d8 | 95 | 98 | 97 | 70-130 |
| Bromofluorobenzene | 82 | 84 | 87 | 70-130 |

| | |
|---|---|
| CTEL Project No: | CT204-0112019 |
| Client Name: | Centec Engineering<br>1601 Dove Street, Suite 100<br>Newport Beach, CA 92660 |
| Attention: | Mr. Steve Collins |
| Project ID: | |
| Project Name: | Continental Heat Treating<br>Santa Fe Springs |
| Date Sampled: | 12/06/01 @ 10:50 am |
| Date Received: | 12/06/01 @ 16:30 p.m. |
| Date Analyzed: | 12/07/01 & 12/10/01 |

Phone:(949) 476-8922
Fax: (949) 474-3222

Matrix: Soil

| Laboratory ID: | 0112-019-16 | 0112-019-17 | 0112-019-18 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-3-5' | CB-3-10' | CB-3-15' | | | |
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-16 CB-3-5' | 0112-019-17 CB-3-10' | 0112-019-18 CB-3-15' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.23 | 0.048 | 0.0093 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 112 | 110 | 108 | 70-130 |
| 1,2 Dichloromethaned4 | 112 | 85 | 86 | 70-130 |
| Toluene-d8 | 95 | 117 | 115 | 70-130 |
| Bromofluorobenzene | 84 | 95 | 99 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 11:15 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-19 CB-3-20' | 0112-019-20 CB-3-25' | 0112-019-21 CB-3-30' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1-50 | 1-5 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | 0.027 | 0.010 | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | 0.0071 | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID: Project Name: Continental Heat Treating

| Laboratory ID: Client Sample ID: | 0112-019-19 CB-3-20' | 0112-019-20 CB-3-25' | 0112-019-21 CB-3-30' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.13 | 1.7 | 0.39 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 106 | 111 | 110 | 70-130 |
| 1,2 Dichloromethaned4 | 88 | 88 | 89 | 70-130 |
| Toluene-d8 | 116 | 113 | 114 | 70-130 |
| Bromofluorobenzene | 99 | 97 | 93 | 70-130 |

| | |
|---|---|
| CTEL Project No: | CT204-0112019 |
| Client Name: | Centec Engineering<br>1601 Dove Street, Suite 100<br>Newport Beach, CA 92660 |
| Attention: | Mr. Steve Collins |
| Project ID: | |
| Project Name: | Continental Heat Treating<br>Santa Fe Springs |
| Date Sampled: | 12/06/01 @ 15:15 p.m. |
| Date Received: | 12/06/01 @ 16:30 p.m. |
| Date Analyzed: | 12/07/01 & 12/10/01 |

Phone:(949) 476-8922
Fax: (949) 474-3222

Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-22 CB-3-35' | 0112-019-23 CB-4-5' | 0112-019-24 CB-4-10' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis.1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

**CTEL Project No:** CT204-0112019

**Project ID:**
**Project Name:** Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-22 CB-3-35' | 0112-019-23 CB-4-5' | 0112-019-24 CB-4-10' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.040 | 0.19 | 0.22 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 110 | 84 | 108 | 70-130 |
| 1,2 Dichloromethaned4 | 90 | 75 | 91 | 70-130 |
| Toluene-d8 | 109 | 118 | 105 | 70-130 |
| Bromofluorobenzene | 98 | 99 | 102 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660

Phone:(949) 476-8922
Fax: (949) 474-3222

Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs

Date Sampled: 12/06/01 @ 13:20 p.m.
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID / Client Sample ID | 0112-019-25 CB-4-15' | 0112-019-26 CB-4-20' | 0112-019-27 CB-4-25' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1-50 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | 0.034 | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | 0.014 | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-25 CB-4-15' | 0112-019-26 CB-4-20' | 0112-019-27 CB-4-25' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.010 | 0.24 | 1.9 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 116 | 89 | 101 | 70-130 |
| 1,2 Dichloromethaned4 | 119 | 90 | 90 | 70-130 |
| Toluene-d8 | 95 | 112 | 109 | 70-130 |
| Bromofluorobenzene | 100 | 100 | 102 | 70-130 |

CTBL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 13:50 p.m.
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-28 CB-4-30' | 0112-019-29 CB-4-35' | 0112-019-30 CB-4-40' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1-5 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | 0.009 | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: Client Sample ID: | 0112-019-28 CB-4-30' | 0112-019-29 CB-4-35' | 0112-019-30 CB-4-40' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.026 | 0.032 | 0.69 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 104 | 105 | 109 | 70-130 |
| 1,2 Dichloromethaned4 | 90 | 87 | 90 | 70-130 |
| Toluene-d8 | 108 | 116 | 116 | 70-130 |
| Bromofluorobenzene | 98 | 100 | 100 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Attention: Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs

Date Sampled: 12/06/01 @ 09:40 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-31 CB-5-5' | 0112-019-33 CB-5-15' | 0112-019-34 CB-5-20' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEE Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-31 CB-5-5' | 0112-019-33 CB-5-15' | 0112-019-34 CB-5-20' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.14 | 0.31 | ND | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 110 | 111 | 109 | 70-130 |
| 1,2 Dichloromethaned4 | 84 | 86 | 92 | 70-130 |
| Toluene-d8 | 113 | 119 | 113 | 70-130 |
| Bromofluorobenzene | 94 | 104 | 97 | 70-130 |

| | |
|---|---|
| CTEL Project No: | CT204-0112019 |
| Client Name: | Centec Engineering<br>1601 Dove Street, Suite 100<br>Newport Beach, CA 92660 |
| Attention: | Mr. Steve Collins |
| Project ID: | |
| Project Name: | Continental Heat Treating<br>Santa Fe Springs |
| Date Sampled: | 12/06/01 @ 10:05 am |
| Date Received: | 12/06/01 @ 16:30 p.m. |
| Date Analyzed: | 12/07/01 & 12/10/01 |

Phone:(949) 476-8922
Fax: (949) 474-3222

Matrix: Soil

| Laboratory ID:<br>Client Sample ID: | 0112-019-35<br>CB-5-25' | 0112-019-36<br>CB-5-30' | 0112-019-37<br>CB-5-35' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1-5 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID / Client Sample ID | 0112-019-35 CB-5-25' | 0112-019-36 CB-5-30' | 0112-019-37 CB-5-35' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | 0.44 | 0.022 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 109 | 120 | 94 | 70-130 |
| 1,2 Dichloromethaned4 | 98 | 100 | 98 | 70-130 |
| Toluene-d8 | 115 | 109 | 114 | 70-130 |
| Bromofluorobenzene | 102 | 103 | 107 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660

Phone:(949) 476-8922
Fax: (949) 474-3222

Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs

Date Sampled: 12/06/01 @ 07:50 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-38 CB-6-5' | 0112-019-39 CB-6-10' | 0112-019-40 CB-6-15' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID: Continental Heat Treating

| Laboratory ID: Client Sample ID: | 0112-019-38 CB-6-5' | 0112-019-39 CB-6-10' | 0112-019-40 CB-6-15' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.18 | 0.20 | 0.028 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 108 | 103 | 113 | 70-130 |
| 1,2 Dichloromethaned4 | 95 | 90 | 98 | 70-130 |
| Toluene-d8 | 117 | 110 | 112 | 70-130 |
| Bromofluorobenzene | 103 | 104 | 105 | 70-130 |

CFEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 08:10 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: | 0112-019-41 | 0112-019-42 | 0112-019-43 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-6-20' | CB-6-25' | CB-6-30' | | | |
| Dilution | 1 | 1-50 | 1-5 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | 0.016 | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

**CTEL Project No:** CT204-0112019

**Project ID:**
**Project Name:** Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-41 CB-6-20' | 0112-019-42 CB-6-25' | 0112-019-43 CB-6-30' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.13 | 2.5 | 0.56 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 95 | 71 | 99 | 70-130 |
| 1,2 Dichloromethaned4 | 100 | 98 | 94 | 70-130 |
| Toluene-d8 | 99 | 93 | 96 | 70-130 |
| Bromofluorobenzene | 85 | 89 | 83 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 08:50 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID / Client Sample ID | 0112-019-44 CB-6-35' | 0112-019-45 CB-6-40' | 0112-019-46 CB-7-2' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1-50 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | 0.0057 | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | 0.016 | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-44 CB-6-35' | 0112-019-45 CB-6-40' | 0112-019-46 CB-7-2' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 1.6 | 0.010 | ND | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 106 | 106 | 87 | 70-130 |
| 1,2 Dichloromethaned4 | 99 | 101 | 89 | 70-130 |
| Toluene-d8 | 94 | 94 | 109 | 70-130 |
| Bromofluorobenzene | 88 | 84 | 102 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Attention: Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 08:15 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-47 CB-7-5' | 0112-019-48 CB-7-10' | 0112-019-49 CB-8-2' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-47 CB-7-5' | 0112-019-48 CB-7-10' | 0112-019-49 CB-8-2' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | 0.016 | 0.40 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 97 | 97 | 90 | 70-130 |
| 1,2 Dichloromethaned4 | 84 | 78 | 86 | 70-130 |
| Toluene-d8 | 116 | 118 | 111 | 70-130 |
| Bromofluorobenzene | 100 | 100 | 106 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Attention: Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 07:30 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: | 0112-019-50 | 0112-019-51 | 0112-019-52 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-8-5' | CB-8-10' | CB-9-2' | | | |
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-50 CB-8-5' | 0112-019-51 CB-8-10' | 0112-019-52 CB-9-2' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.010 | 0.0068 | 0.032 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 95 | 96 | 84 | 70-130 |
| 1,2 Dichloromethaned4 | 83 | 77 | 87 | 70-130 |
| Toluene-d8 | 110 | 118 | 114 | 70-130 |
| Bromofluorobenzene | 103 | 100 | 103 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222
Attention: Mr. Steve Collins

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 08:50 am
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01
Matrix: Soil

| Laboratory ID: / Client Sample ID: | 0112-019-53 CB-9-5' | 0112-019-54 CB-9-10' | 0112-019-55 CB-10-5' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

**CTEL Project No:** CT204-0112019

**Project ID:**
**Project Name:** Continental Heat Treating

| Laboratory ID: Client Sample ID: | 0112-019-53 CB-9-5' | 0112-019-54 CB-9-10' | 0112-019-55 CB-10-5' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | ND | 0.010 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 93 | 102 | 106 | 70-130 |
| 1,2 Dichloromethaned4 | 88 | 97 | 97 | 70-130 |
| Toluene-d8 | 111 | 96 | 95 | 70-130 |
| Bromofluorobenzene | 98 | 96 | 85 | 70-130 |

**CTEL Project No:** CT204-0112019
**Client Name:** Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
**Attention:** Mr. Steve Collins

**Phone:(949) 476-8922**
**Fax: (949) 474-3222**

**Project ID:**
**Project Name:** Continental Heat Treating
Santa Fe Springs
**Date Sampled:** 12/06/01 @ 11:20 am
**Date Received:** 12/06/01 @ 16:30 p.m.
**Date Analyzed:** 12/07/01 & 12/10/01

**Matrix: Soil**

| Laboratory ID: / Client Sample ID: | 0112-019-56 CB-10-10' | 0112-019-57 CB-10-15' | 0112-019-58 CB-11-10' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans.1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis.1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans.1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-56 CB-10-10' | 0112-019-57 CB-10-15' | 0112-019-58 CB-11-10' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | 0.0075 | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 108 | 106 | 106 | 70-130 |
| 1,2 Dichloromethaned4 | 100 | 94 | 94 | 70-130 |
| Toluene-d8 | 94 | 95 | 92 | 70-130 |
| Bromofluorobenzene | 81 | 82 | 82 | 70-130 |

CTEL Project No: CT204-0112019
Client Name: Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Attention: Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

Project ID:
Project Name: Continental Heat Treating
Santa Fe Springs
Date Sampled: 12/06/01 @ 12:25 p.m.
Date Received: 12/06/01 @ 16:30 p.m.
Date Analyzed: 12/07/01 & 12/10/01

Matrix: Soil

| Laboratory ID: | 0112-019-59 | 0112-019-60 | 0112-019-61 | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Client Sample ID: | CB-11-15' | CB-12-5' | CB-12-10' | | | |
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEE Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-59 CB-11-15' | 0112-019-60 CB-12-5' | 0112-019-61 CB-12-10' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | 0.012 | ND | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m.p-Xylene | ND | 0.014 | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | 0.011 | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | 0.033 | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 104 | 109 | 102 | 70-130 |
| 1,2 Dichloromethaned4 | 93 | 100 | 98 | 70-130 |
| Toluene-d8 | 95 | 88 | 90 | 70-130 |
| Bromofluorobenzene | 83 | 88 | 83 | 70-130 |

| | |
|---|---|
| CTEL Project No: | CT204-0112019 |
| Client Name: | Centec Engineering<br>1601 Dove Street, Suite 100<br>Newport Beach, CA 92660 |
| Attention: | Mr. Steve Collins |
| Project ID: | |
| Project Name: | Continental Heat Treating<br>Santa Fe Springs |
| Date Sampled: | 12/06/01 @ 13:15 p.m. |
| Date Received: | 12/06/01 @ 16:30 p.m. |
| Date Analyzed: | 12/07/01 & 12/10/01 |

Phone:(949) 476-8922
Fax: (949) 474-3222

Matrix: Soil

| Laboratory ID<br>Client Sample ID | 0112-019-62<br>CB-12-15' | 0112-019-63<br>CB-13-15' | 0112-019-64<br>CB-13-20' | Method | Units: | Detection Limit |
|---|---|---|---|---|---|---|
| Dilution | 1 | 1 | 1 | | | |
| Dichlorodifluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichlorofluoromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Iodomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Acetone | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Butyl Alcohol (TBA) | ND | ND | ND | EPA 8260B | mg/Kg | 0.25 |
| Methylene Chloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.02 |
| Freon 113 | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Carbon disulfide | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trans,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Methyl-tert-butyl-ether(MtBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Vinyl acetate | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Diisopropyl Ether (DIPE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Methyl Ethyl Ketone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Cis,1,2-Dichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Chloroform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethyl-t-butyl ether (ETBE) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,1,1-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Carbon Tetrachloride | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Benzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| t-Amyl Methyl Ether (TAM) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| 1,2-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Trichloroethene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromomethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromodichloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chloroethylvinylether | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Cis, 1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Methyl-2-pentanone(MI) | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Trans,1,3-Dichloropropene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Toluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2-Trichloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

(Continued)

CTEL Project No: CT204-0112019

Project ID:
Project Name: Continental Heat Treating

| Laboratory ID: / Client Sample ID: | 0112-019-62 CB-12-15' | 0112-019-63 CB-13-15' | 0112-019-64 CB-13-20' | Method | Units | Detection Limit |
|---|---|---|---|---|---|---|
| 1,2-Dibromoethane(EDB) | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Dibromochloromethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Hexanone | ND | ND | ND | EPA 8260B | mg/Kg | 0.01 |
| Tetrachloroethene | ND | 0.30 | 0.0073 | EPA 8260B | mg/Kg | 0.005 |
| Chlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Ethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| m,p-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromoform | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Styrene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| o-Xylene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Isopropylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Bromobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 2-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Propylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 4-Chlorotoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| tert-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| sec-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,3-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,4-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| p-Isopropyltoluene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2-Dichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| n-Butylbenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2 Dibromo-3-Chloropropane | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Naphthalene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| 1,2,3-Trichlorobenzene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |
| Hexachlorobutadiene | ND | ND | ND | EPA 8260B | mg/Kg | 0.005 |

ND = Not Detected at the indicated Detection Limit

| *SURROGATE SPIKE* | % SURROGATE RECOVERY | | | Control Limit |
|---|---|---|---|---|
| Dibromofluoromethane | 105 | 109 | 90 | 70-130 |
| 1,2 Dichloromethaned4 | 94 | 97 | 97 | 70-130 |
| Toluene-d8 | 94 | 94 | 96 | 70-130 |
| Bromofluorobenzene | 82 | 82 | 83 | 70-130 |

R. Tejirian for

Greg Tejirian
Laboratory Director

*The results are base upon the samples received. Samples are not homogeneous.

*Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424*