SDMS DOCID#1140572

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
SOUTHERN CALIFORNIA SITE MITIGATION BRANCH

SEP 0 4 2001

RECEIVED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

August 28, 2001

Mr. James G. Stull, President
Continental Heat Treating
10643 South Norwalk Blvd.
Santa Fe Springs, CA 90670

RE: Continental Heat Treating
EPA ID#CAD053858296

Dear Mr. Stull:

Enclosed is a Preliminary Assessment of the Continental Heat Treating site. This report contains the results of an evaluation conducted by the State of California Department of Toxic Substances Control for the U.S. Environmental Protection Agency (EPA) under Section 104 of the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended [42 U.S.C. 9404], commonly known as Superfund. The purpose of the Preliminary Assessment is to determine whether this site may qualify for placement on the National Priorities List (NPL) or Superfund list. The enclosed fact sheet provides further explanation of the Superfund site assessment process

Based on currently available information contained in the enclosed report, EPA has determined that further assessment is warranted. The enclosed Preliminary Assessment indicates that contamination at this site may warrant federal response, and that further assessment is needed. The next phase of the assessment process is a Site Inspection. The Site Inspection is a more extensive study and typically involves the collection of soil, water, air and/or waste sampling. EPA will contact you prior to any on-site inspection and sampling.

Please forward any written comments on the enclosed report to:

Jerelean Johnson
U.S. Environmental Proection Agency
75 Hawthorne Street - SFD-5
San Francisco, CA 94105

If you have any questions, please call Jerelean Johnson at 415/744-2345.

Sincerely,

Betsy Curnow

Betsy Curnow, Chief
States, Tribes & Assessment Office
Superfund Division

Enclosure

cc: Sara Amir, Department of Toxic Substances Control

Preliminary Assessment

Site Name:	Continental Heat Treating 10643 South Norwalk Blvd. Santa Fe Springs, California 90670
EPA ID#:	CAD 053858296
Report Date:	June 31, 2001
Submitted to:	Rachel Loftin, USEPA Project Officer State Project Officer US EPA, Region IX, Superfund Program
Prepared by:	Lori Parnass, Project Manager California Environmental Protection Agency, Department of Toxic Substances Control

Review & Concurrence: Rita Kamat, DTSC Unit Chief

1.0 INTRODUCTION

The U.S. Environmental Protection Agency (USEPA), Region IX, under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), has tasked California Department of Toxic Substances Control (DTSC) to conduct a preliminary assessment (PA) of the Continental Heat Treating (CHT) in the City of Santa Fe Springs, County of Los Angeles, State of California.

The purpose of the PA is to review existing information on the Site and its environs to assess the threat(s), if any, posed to public health, welfare, or the environment and to determine if further investigation under CERCLA/SARA is warranted. The scope of the PA includes the review of information available from federal, state, and local agencies and performance of an on-site reconnaissance visit.

Using these sources of existing information, the Site is then evaluated using the EPA's Hazard Ranking System (HRS) criteria to assess the relative threat associated with actual or potential releases of hazardous substances at the Site. The HRS has been adopted by the EPA to help set priorities for further evaluation and eventual remedial action at hazardous waste sites. The HRS is the primary method of determining a site's eligibility for placement on the National Priorities List (NPL). The NPL identifies sites at which the EPA may conduct remedial response actions. This report summarises the findings of these preliminary investigative activities. This report summarises the findings of these preliminary investigative activities.

CHT was identified as a potential hazardous waste site and entered into the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) on May 1, 1998 (CAD 053858296). (1)

1.1 Apparent Problem

The apparent problems at the site are as follows:

- CHT used solvents in a degreasing unit from 1986 to 1995. The unit was located in the center of CHT operations. Sampling results, adjacent to the degreaser, detected volatile organic compounds (VOCs) in soil and soil vapor from surface to sixty feet below ground surface (bgs) and approximately forty-eight feet in diameter. No vapor has been removed. (3, 9, 10, 11)

- VOC contamination has been detected along the northwest facility boundary, greater than 150 feet outside the CHT operations area. (9)

- The Mobil-Jalk/Fee property is located immediately adjacent to the north and northwest of CHT. VOC contamination in the soil has been detected in percentage concentrations. Groundwater samples detected tetrachloroethylene (PCE) as high as 2,200 μg/kg and trichloroethylene (TCE) as high as 180 μg/kg (the maximum contamination limit (MCL) for each of these substances is 5 μg/kg.). (29)

- Groundwater is approximately 65' below ground surface (bgs) and regionally flows in a southerly direction. (6)

2.0 SITE DESCRIPTION

2.1 Location

CHT is located at 10743 Norwalk Boulevard, Santa Fe Springs, California. The geographic coordinates for the site are 33° 56' 09.0" North latitude and 118° 04' 28.0" West longitude (Township 3 South, Range 11 West, Section 6, San Bernardino Baseline and Meridian (SBM), USGS, Whittier Quadrangle, 7.5-minute Series, 1974). (7) The location of the site is shown in Figure 1.

2.2 Site Description

CHT occupies approximately 1.5 acres in an industrial area. It is located in the southwest portion of the Santa Fe Springs oil field, which is an active oil field, is bordered on the north by Mobil-Jalk/Fee, on the west and south by the Hathaway Properties and on the east by Norwalk Boulevard. (3)

CHT currently consists of a single building which houses the heat treating operations, plating line, and office. A hazardous materials storage area lies in the southwest corner of the property. (3) The layout for this site is shown in Figure 2 and sample locations are noted on Figure 3.

2.3 Operational History

Prior to 1969, site owners/operations are unknown. In 1969, Mr. Stall, Sr. and Tower Industries began operating as a heat treating facility. In 1986, Mr. Stall, Jr. bought the business changed the name and ownership but maintained operating as a heat treating facility. CHT currently leases the property from the Northern Trust Bank and Mr. Benjamin Hathaway. Ana Hathaway Trust is the landowner. (3)

CHT processes metal parts with heat to perform carbon nitriding and nitriding on the surface of the metal. Current identified waste streams are waste quench oil, oil contaminated waste, sludge containing copper and spent alkaline cleaning solution. (27)

From 1986 to 1995, CHT housed a degreaser in the center of its operations. A soil boring to 10 feet bgs was drilled adjacent to the degreaser and was sampled at three depths (surface, five and ten feet). The surface soil sample detected tetrachloroethylene (PCE) and trichloroethylene (TCE) contamination at 7,514 and 4,759 micrograms per kilograms (μg/kg), respectively. The five-foot sample detected PCE at 290 and TCE at 21 μg/kg, respectively. The ten-foot sample detected PCE at 1855 and TCE at 66 μg/kg, respectively. (9)

A site-wide multi-depth soil gas survey was conducted in 1996. Sample results detected VOCs as high as 1,940 micrograms per liter (μg/l) to 35 feet below ground surface (bgs) proximal to the former degreasing operations. The highest concentration of VOCs (41 milligrams per liter

(mg/l)) was detected in the most northern portion of the property 15' bgs, along the northwest boundary. (10)

In 1997, a soil vapor extraction well was installed to 60' bgs in the former degreasing area. Soil samples were taken at five feet intervals. The samples detected PCE from 4.8 μg/kg to a maximum of 130 μg/kg and TCE from 3 μg/kg to a maximum of 20 μg/kg. To date, no vapors have been extracted. (9)

The Mobil/Jalk-Fee, a facility immediately north and adjacent to CHT has detected PCE contamination on-site in concentrations as high as 27,000 parts per million (ppm) approximately 10' and 55,000 ppm approximately 55' north of CHT property line. In June 1988, approximately 2,600 tons of PCE and TCE contaminated soil was removed from the site. No confirmation samples were performed. Groundwater samples detected tetrachloroethylene (PCE) as high as 2,200 μg/kg and trichloroethylene (TCE) as high as 180 μg/kg (the maximum contamination limit (MCL)) for each of these substances is 5 μg/kg. (28)

2.4 Regulatory Involvement

2.4.1 U.S. Environmental Protection Agency (EPA).

CHT ~~is~~ was identified as a potential hazardous waste site and entered into the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) on May 1, 1998 (CAD 053858296). (1) CHT is listed in the Resource Conservation and Recovery Information System (RCRIS) January 12, 1997 database. The facility is a small quantity generator. (2)

2.4.2 California Environmental Protection Agency.

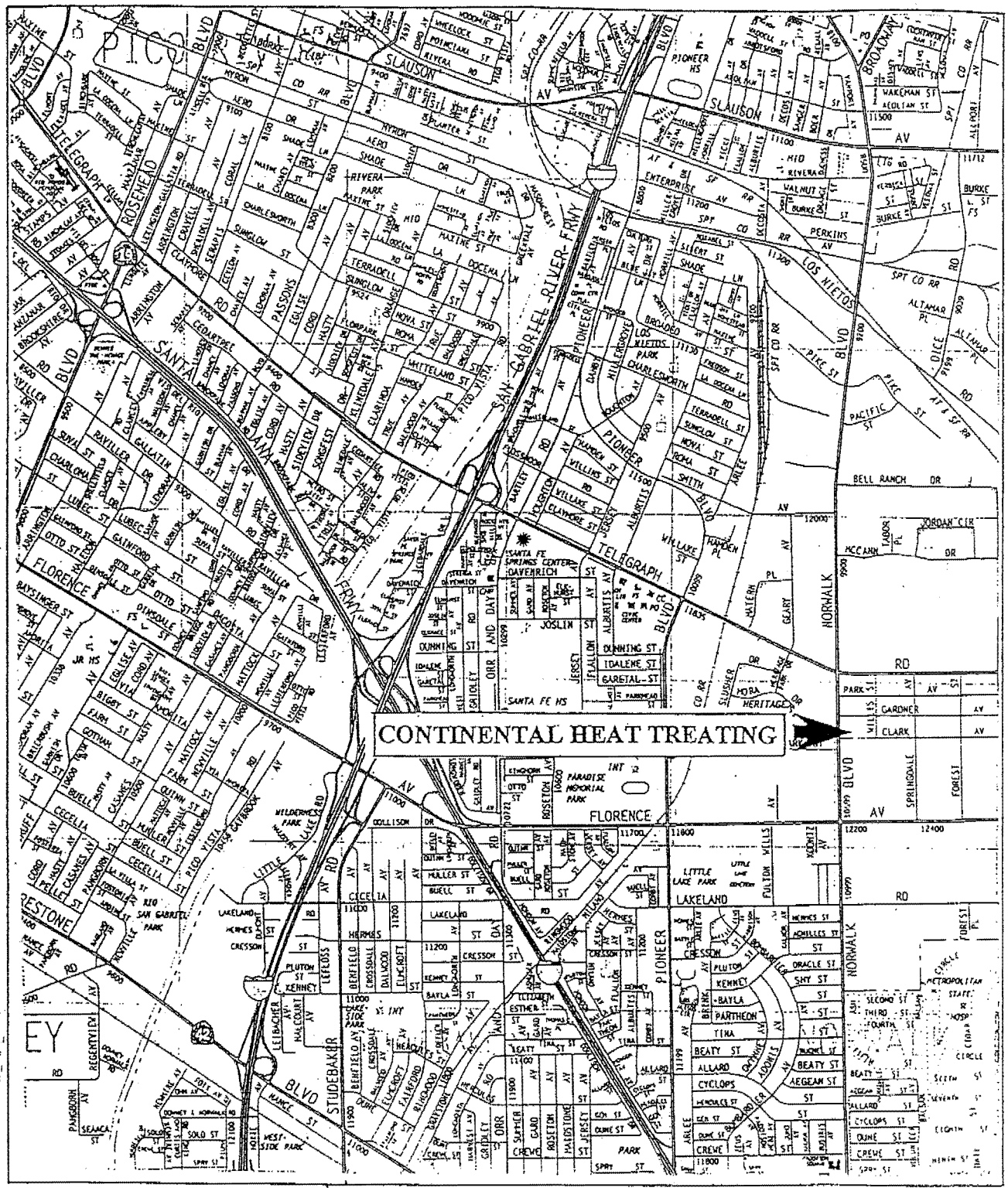
Department of Toxic Substances Control (DTSC).

DTSC was notified through a July 16, 1997, Non-Emergency Hazardous Substances release Report submitted of the on-site degreasing contamination. (23) DTSC conducted a site screening on March 20, 1998. It was approved April 9, 1999. An overall hazard factor of medium was assigned to the site. (30)

Regional Water Quality Control Board-Los Angeles (RWQCB-LA).

The RWQCB-LA has designated the groundwater in this area for potential use. The CHT neighbor Mobil-Jalk/Fee's remediation efforts are being handled under the oversight of the RWQCB. On March 1, 1999, RWQCB sent a letter to Alton Geoscience, stating that the soil at Mobil-Jalk-Fee had been remediated although they needed to continue with the groundwater monitoring and reporting program (29).

CHT owners have requested that they too be overseen by the RWQCB-LA. (8) Jimmy Woo is the contact. Continental Heat Treating is not yet working with the agency under a Consent Agreement or Order.



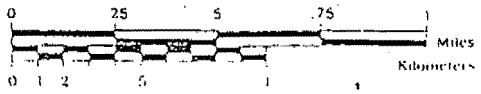
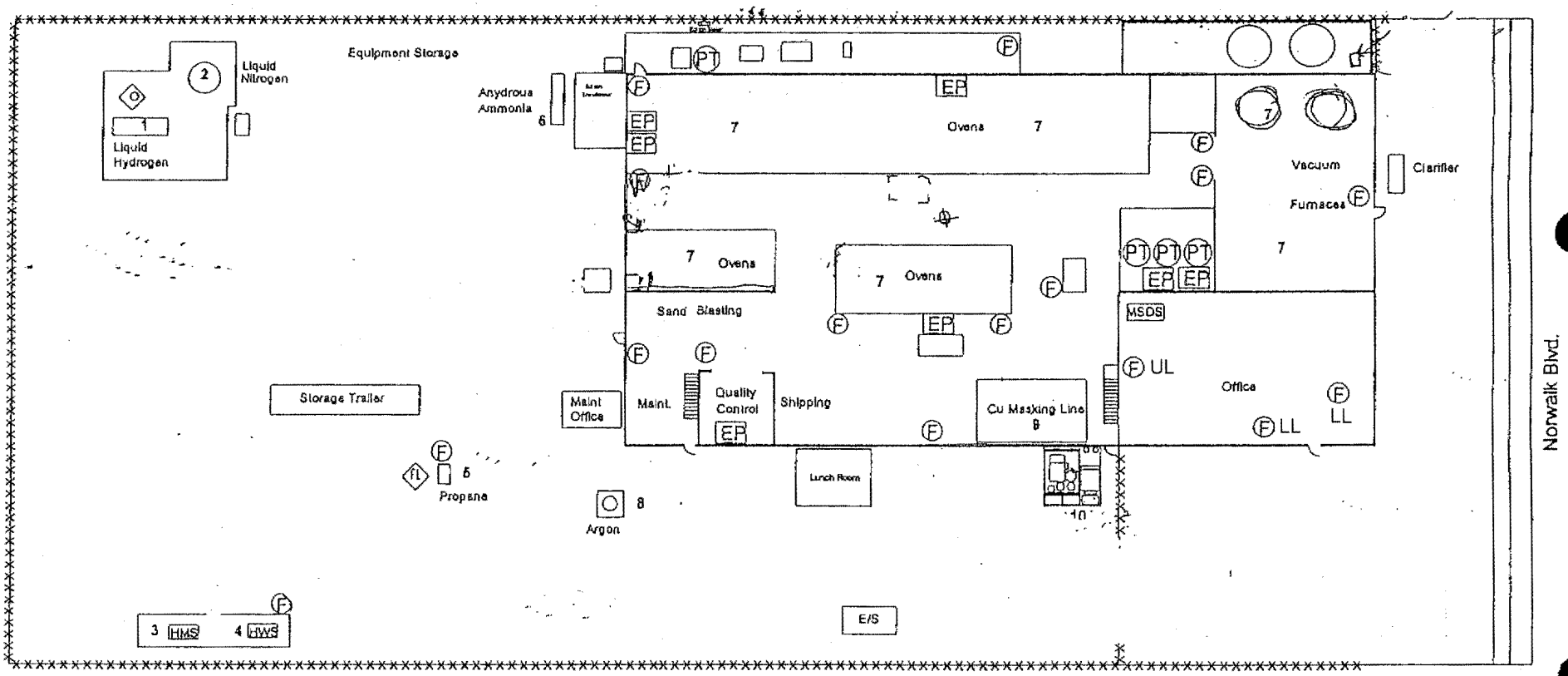


FIGURE 1
SITE LOCATION MAP
CONTINENTAL HEAT TREATING

Source of Map: Thomas Bros., L.A. County, 1992

Figure 2 Site Layout



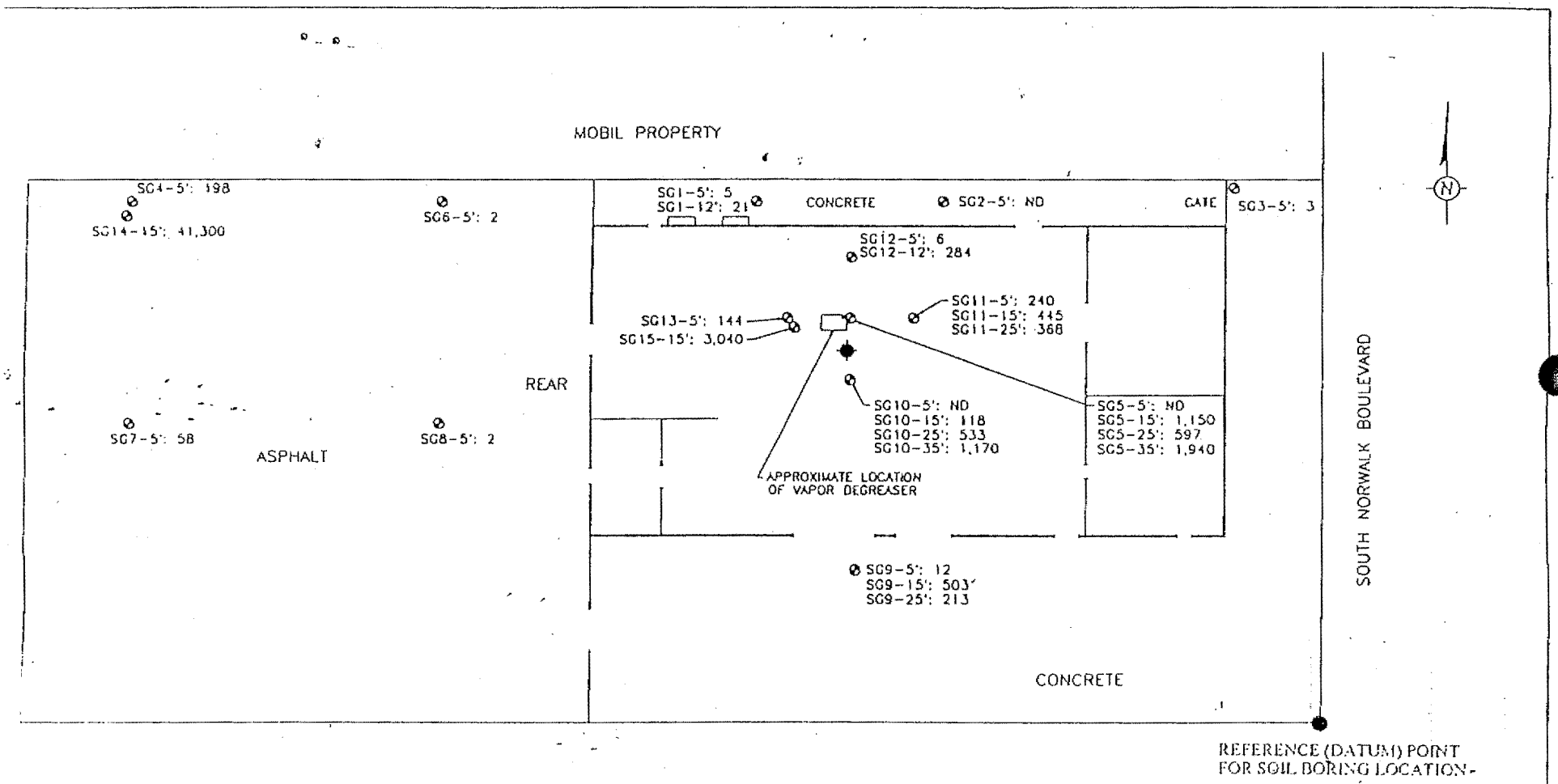
N

F = Fire Extinguisher
EP = Electrical Panel
PT = Pressure Tank

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

50' Scale

1 = Hydrogen Tank
2 = Nitrogen Tank
3 = Hazardous Materials Storage
4 = Hazardous Waste Storage
5 = Propane Tank
6 = Anhydrous Ammonia Tank
7 = Heat Treating Area
8 = Argon Tank
9 = Plating Line
10 = Chemical Storage



EXPLANATION

0 25 50

APPROXIMATE SCALE IN FEET

APPROXIMATE LOCATION OF SOIL BORING, CHT-B1

SG3-5': 3 — APPROXIMATE LOCATION OF A SOIL GAS SAMPLING PROBE WITH ASSOCIATED PROBE NUMBER, PROBE DEPTH AND DETECTED CONCENTRATIONS OF TETRACHLORCETHENE (μ g/L)

FIGURE 3
DETECTED CONCENTRATIONS OF PCE (ug/L) IN PHASE 1 & PHASE 2 SOIL GAS PROBES AND LOCATION OF SOIL BORING CHT-B1

CONTINENTAL HEAT TREATING, INC.
10643 SOUTH NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA

Figure 3 Site Boring Locations

2.4.2 Local Agencies

Air Quality Management Districts, South Coast

CHT under permit number F19534 A/N 319375 operates an annealing furnace with 10 natural gas fired burners, each rated at 300,000 BTU per hour in accordance with Rule 206, Division 26 of the Health and Safety Code. (30)

County Sanitation Districts of Los Angeles County

CHT discharges an estimated 0.07 million gallons per year of industrial wastewater under permit number 4827. Discharge is from a parts washer and cooling tower blowdown. (32)

Santa Fe Springs Fire Department (SFSFD).

On July 1, 1997 SFSFD began providing regulatory oversight for this facility under the Certified Unified Program Agency. After a preliminary review of data regarding volatile organic compound contamination at CHT and the neighboring facility Mobil-Jalk/Fee, David R. Klunk, Director of Environmental Services for the City of Santa Fe Springs, referred both sites, to DTSC in a letter dated February 11, 1998. (24, 25, 26)

Los Angeles Fire Department, Health Hazardous Material Division (LACFD)

In a letter dated June 3, 1997 the LACFD referred the site to the RWQCB-LA. (5)

In 1997, a Phase 2 site assessment obtained additional deeper soil gas samples from CHT. The investigation was conducted with the LACFD oversight. The results characterized the lateral and vertical extent of VOC contamination the CHT site. A vapor extraction well was installed with probes at 50' and 60' bgs. Soil samples were taken at five feet intervals. The samples detected PCE from 4.8 μg/kg to a maximum of 130 μg/kg and TCE from 3 μg/kg to a maximum of 20 μg/kg. To date, no vapors have been extracted. (9)

In 1996, LACFD required that a soil gas survey be performed. Thirteen 5-foot and two 15-foot probes were installed. VOC contamination was detected. Sample results detected VOCs as high as 1,940 micrograms per liter (μg/l) to 35 feet below ground surface (bgs) proximal to the former degreasing operations. The highest concentration of VOCs (41 milligrams per liter (mg/l)) was detected in the most northern portion of the property 15' bgs, along the northwest boundary. (10)

In 1995, LACFD requested a limited subsurface investigation be conducted beneath CHT due to the potential for PCE to exist in the subsurface soil. One hand auger boring was advanced to three depths where three discreet soil samples obtained. VOC contamination was detected. The surface soil sample detected tetrachloroethylene (PCE) and trichloroethylene (TCE) contamination at 7,514 and 4,759 micrograms per kilograms (μg/kg), respectively. The five-foot sample detected PCE at 290 and TCE at 21 μg/kg, respectively. The ten-foot sample detected PCE at 1855 and TCE at 66 μg/kg, respectively. (11)

3.0 HAZARD RANKING SYSTEM FACTORS

3.1 Sources Of Contamination

Potential hazardous substance sources associated with the site include:

- From 1986 to 1995, a degreasing unit operated in the center of CHTs operations. TCE and PCE have been detected in soil and soil vapor under and adjacent to the unit.

3.2 Groundwater Pathway

The first regional groundwater-bearing zone is the Exposition Aquifer, which is first encountered at approximately 60' bgs. The second regional aquifer is the Gage Aquifer, first encountered at approximately 110' bgs. The upper 100 feet of sediments consist predominantly of permeable sands, although the upper 15 feet of sediments have a higher silt and clay content and lower permeability. There are 50 drinking-water wells within a 4-mile radius of this site, which serve approximately 287,000 people.

3.2.1 Hydrogeological Setting.

The Santa Fe Springs Oil Field is located on the Santa Fe Springs plain, which is part of the Montebello Forebay non-pressure area of the Central Basin. Groundwater is found throughout the region under unconfined conditions in the Recent Alluvium and in the underlying Exposition Aquifer.

At the Mobil-Jalk/Fee property groundwater wells were sampled in which hazardous substance contamination was found. These wells are in the Exposition Aquifer. Although it is not known for sure at this time whether or not there is contamination in the Gage-Gardena Aquifer, which is a major source of drinking water, there is interconnection between the Exposition and both the Gage-Gardena and the Hollydale aquifers within 2 miles of the site. The Hollydale Aquifer is also a major source of drinking water for the Santa Fe Springs area.

Significant hydrologic features in the area include the San Gabriel River, which flows north to south, along the western edge of the city. There are also two extensive water spreading grounds/percolation basins approximately 1 to 2.5 miles northwest of the city limits. These features will act as groundwater recharge, or "mounding" areas, thus inducing groundwater flow away from them. (29)

3.2.2 Groundwater Targets.

The nearest drinking water well is Well Number 07. This well is operated by the City of Pico Rivera, and is located approximately one mile northeast of the site. (33)

The City of Santa Fe Springs operates a blended drinking water system that consists of 2 wells that serve approximately 38,950 people. Currently, the City of Santa Fe Springs obtains 50% of its drinking water from groundwater and 50% from surface water. No well contributes greater than 40 percent to the system. Both of the wells operated by the City of Santa Fe Springs are

within 4 miles of the site. (14)

The City of La Habra Heights operates a drinking water system that consists of 4 wells that serve approximately 6,300 people. Currently, the City of La Habra Heights obtains 100% of its drinking water from groundwater. No well contributes greater than 40 percent to the system. All 4 of the wells operated by the City of La Habra Heights are within 4 miles of the site. (19)

The Southern California Water Company operates a blended drinking water system that consists of 6 wells that serve approximately 45,000 people. Currently, the Southern California Water Company obtains 36% of its drinking water from groundwater and 64% from surface water. No well contributes greater than 40 percent to the system. All 6 of the wells operated by the Southern California Water Company are within 4 miles of the site. (12)

The City of Pico Rivera operates a drinking water system that consists of 8 wells that serve approximately 45,000 people. Currently, the City of Pico Rivera obtains 100% of its drinking water from groundwater. No well contributes greater than 40 percent to the system. All 8 of the wells operated by the City of Pico Rivera are within 4 miles of the site. (13)

Laurence McGee School operates a well that serves 538 people. Currently, Laurence McGee School obtains all of its drinking water from groundwater. This well operated by the Laurence McGee School is within 4 miles of the site. (18)

The City of Downey operates a drinking water system that consists of 21 wells that serve approximately 100,000 people. Currently, the City of Downey obtains all of its drinking water from groundwater. No well contributes greater than 40 percent to the system. Eighteen of the 21 wells operated by the City of Downey are within 4 miles of the site. (15)

The City of Norwalk operates a drinking water system that consists of 2 wells that serve 15,345 people. Currently, the City of Norwalk obtains 100% of its drinking water from groundwater. No well contributes greater than 40 percent to the system. Both of the wells operated by the City of Norwalk are within 4 miles of the site. (17)

The Park Water Company operates a blended drinking water system that consists of 4 wells that serve approximately 60,000 people. Currently, the Park Water Company obtains 20% of its drinking water from groundwater and 80% from surface water. No well contributes greater than 40 percent to the system. All 4 of the wells operated by the Park Water Company are within 4 miles of the site. (16)

The Pico Water District operates a drinking water system that consists of 7 wells that serve approximately 27,000 people. Currently, the Pico Water District obtains all of its drinking water from groundwater. No well contributes greater than 40 percent to the system. Two of the 7 wells operated by the Pico Water District are within 4 miles of the site. (22)

The San Gabriel Valley Water Company operates a blended drinking water system that consists of 4 wells that serve approximately 153,000 people. Currently, the San Gabriel Valley Water Company obtains all of its drinking water from groundwater. No well contributes greater than 40 percent to the system. Two of the wells operated by the San Gabriel Valley Water Company are within 4 miles of the site. (20)

The Bellflower/Somerset Mutual Water Company operates a blended drinking water system that consists of 16 wells that serve approximately 25,000 people. Currently, Bellflower/Somerset obtains 12% of its drinking water from groundwater and 78% from surface water. No well contributes greater than 40 percent to the system. One of the 16 wells is within 4 miles of the site (21).

3.2.3 Groundwater Pathway Conclusion.

A total of 3 wells have been sampled adjacent to CHT at the Mobil-Jalk/Fee facility. Sampling of these wells has shown that the Exposition Aquifer is contaminated with tetrachloroethylene (PCE) as high as 2,200 μg/kg and trichloroethylene (TCE) as high as 180 μg/kg (the maximum contamination limit (MCL) for each of these substances is 5 μg/kg.). (29)

The soil in this area between ground surface and the Gage Aquifer consists predominantly of permeable sands without any known clay layer. Therefore, the potential for contamination of the deeper aquifer can be projected. Further, as has been previously stated, the Exposition Aquifer is interconnected with both the Gage and the Hollydale aquifers within 2 miles of the site.

Groundwater in the vicinity of CHT occurs in two aquifers. The first regional groundwater-bearing zone is the Exposition Aquifer, which is first encountered at approximately 60' below ground surface. The second regional aquifer is the Gage Aquifer, first encountered at approximately 110'bgs. Groundwater is found throughout this area under unconfined conditions in the Recent Alluvium and in the underlying Exposition Aquifer. Within the Santa Fe Springs Oil Field, the upper 100 feet of sediments consist predominantly of permeable sands, although the upper 15 feet of sediments have a higher silt and clay content and lower permeability. Therefore, there is the potential for contaminants to leach from the shallow Exposition Aquifer to the deeper Gage Aquifer.

The nearest drinking water well is approximately one-mile northeast of CHT. Eleven water purveyors operate 50 drinking-water wells within a 4-mile radius of this site. These wells are part of systems that serve approximately 287,000 people. This drinking water is partly from the Gage Aquifer, but mostly from the Hollydale Aquifer.

3.3 Surface Water Pathway

The surface runoff flows to the asphalted streets and into storm drains. These drains discharge into the local storm drain system which empty into the San Gabriel River (distance-2 miles) and then to the Pacific Ocean (distance-25 miles). There are no drinking water intakes, fisheries, or sensitive environments within 2 miles of the site.

3.4 Soil Exposure and Air Pathway

CHT is entirely fenced, secured, paved and/or covered with buildings. No residences, schools, or daycare centers are on the same property and within 200 feet of contamination associated with the site.

The weather is generally sunny and dry. The average temperature is 65 degrees Farenheit. The average annual rainfall is 23 inches. The prevailing wind speed is 5 miles per hour.

4.0 EMERGENCY RESPONSE CONSIDERATIONS

The National Contingency Plan [40 CFR 300.415 (b) (2)] authorizes the EPA to consider emergency response actions at those sites that pose an imminent threat to human health or the environment. For the following reasons, a referral to Region IX's Emergency Response Section does not appear to be necessary:

- No drinking water wells have been closed due to contamination directly linked to the site.

5.0 SUMMARY

Continental Heat Treating is located at 10643 South Norwalk Boulevard in the city of Santa Fe Springs, California, and consists of approximately 1.5 acres in an industrial area. The site currently consists of a single building which houses the heat treating operations, plating line, and office. A hazardous materials storage area lies in the southwest corner of the property.

The site has processed metal parts with heating units since 1969. From 1986 to 1995, CHT housed a degreaser in the center of its operations. In 1995, a soil boring to 10 feet bgs was drilled adjacent to the degreaser and was sampled at three depths (surface, five and ten feet). Volatile organic compound contamination was detected in the soils and soil vapor underneath and adjacent to the degreasing unit. No vapor has been removed.

Current identified waste streams are waste quench oil, oil contaminated waste, sludge containing copper and spent alkaline cleaning solution. Continental Heat Treating handles their hazardous waste under the Hazardous Waste Control Law, CA H&SC Division 20, Chapter 6.5 and is inspected by a local enforcement agency. The City of Santa Fe Springs referred this site to DTSC and RWQCB. The site has requested the Regional Water Quality Control Board oversee VOC contamination remediation activities. The Regional Water Quality Control Board has confirmed that Mobil-Jalk/Fee has remediated the contaminated soil sources at the neighboring facility but continues to be actively overseeing the groundwater monitoring.

CHT is entirely fenced, secured, paved and/or covered with buildings. No residences, schools, or daycare centers are on the same property and within 200 feet of contamination associated with the site.

The pertinent HRS factors associated with the Site are:

- TCE and PCE has been detected in soil and soil vapor under the site. A soil vapor extraction well was installed but, to date, no vapors have been extracted. The same contaminants have been detected in soil and groundwater in the adjacent property, Mobil-Jalk/Fee.

- Approximately 250,000 people are using drinking water from wells located within 4 miles of this Site.

- There are no drinking water intakes, fisheries, or sensitive environments within 2 miles of the site.

- The site is fenced and its surface is completely covered with either pavement or buildings.

- No residences, schools, or daycare centers are on the same property and within 200 feet of contamination associated with the site.

Memorandum

To: Rachel Loftin
Subject: Completed Work
Date: May 31, 2001
cc:

Attached is the following completed document:

PA __X____ SI _____ Other _____

Site Name: Continental Heat Treating

EPA ID: CAD 053858296

City, County, State: Santa Fe Springs, Los Angeles, California

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For EPA Use Only

Latitude: _____ Longitude: _____

CERCLIS Data Changes: _____

EPA Decision: _____

Archive Site: _____yes _____ no
If yes, is another program involved? _____yes _____ no
Other program(s): _____

Lead Agency: _____

Approval by Site Assessment Manager: _____

Sign-Off Date: _____

Document Screening Coordinator: _____

Chief, States, Planning, and Assessment Office: _____

TRANSMITTAL LIST
Continental Heat Treating

Mr. James G. Stull, President
Continental Heat Treating
10643 South Norwalk Boulevard
Santa Fe Springs, California

Dennis Dickerson
California Regional Water Quality Control Board, Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION IX

Site Name: Continental Heat Treating **EPA ID #:** CAD053858296

Alias Site Names: N/A

City: Santa Fe Springs **County or Parish:** Los Angeles **State:** California

Refer to Report Dated: 5/30/01 **Report Type:** Preliminary Assessment

Report developed by: Lori Parnass

DECISION:

☐ 1. **Further Remedial Site Assessment under CERCLA (Superfund) is not required because:**

☐ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Action - NFA) and:

☐ EPA is retaining this site in CERCLIS because the Federal Superfund program still has an interest in the site.

☐ EPA is archiving this site in CERCLIS because it does not warrant Federal Superfund action, or an appropriate Federal Superfund response action has been completed. This means that EPA believes no further Federal Superfund response is appropriate. Archived sites may be returned to the CERCLIS site inventory if new information necessitating further Federal Superfund consideration is discovered.

☐ 1b. Site may qualify for further action, but is deferred to: ☐ RCRA ☐ NRC

☐ 2. **Further Assessment Needed Under CERCLA** 2a.(Optional) Priority: ☐ Higher ☐ Lower

2b. Activity Type: ☐ PA ☐ SI ☐ ESI ☐ HRS Evaluation ☐ Other _____

DISCUSSION/RATIONALE:

_____

_____

_____

_____

_____

_____

_____

Report Reviewed, Approved and Site Decision Made by: _____ **Signature:** _____ **Date:** _____

APPENDIX A

APPENDIX A

REFERENCE LIST

Site: Continental Heat Treating

1. U. S. Environmental Protection Agency, Comprehensive Environmental Response Compensation, and Liability Information System (CERCLIS), May 1, 1998.

2. January 12, 1997, Resource Conservation and Recovery Information System.

3. Parnass, Lori, California Environmental Protection Agency, Department Of Toxic Substances Control, Site Reconnaissance Interview and Observations Report, December 15, 2000.

4. Klunk, Dave, City of Santa Fe Springs Fire Department, Letter to James G. Stull, Continental Heat Treating, September 12, 1997.

5. Klinger, Thomas W., County of Los Angeles Fire Department, Letter to J.E. Ross, Los Angeles Regional Water Quality Control Board, June 3, 1997.

6. California Department of Water Resources, Southern District, Bulletin Number 104: Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County, Appendix A: Ground Water Geology, June 1961.

7. U.S. Geology Survey, Whittier Quadrangle, California, 7.5-Minute Series (topographic), 1965, Photo revised 1981.

8. Graham, Chip, Northern Trust Bank, Letter to Ms. Mangulika Chakrabarti, Los Angeles Regional Water Quality Control Board, October 18, 2000.

9. Site Assessment Report, Continental Heat Treating, 10643 South Norwalk Boulevard, Santa Fe Springs, California, prepared by Environmental Support Technologies, May 6, 1997.

10. Multi-Depth Soil Gas Survey Report, Continental Heat Treating, 10643 South Norwalk Boulevard, Santa Fe Springs, California, prepared by Environmental Support Technologies, May 8, 1996.

11. Site Investigation Report, Continental Heat Treating, 10643 South Norwalk Boulevard, Santa Fe Springs, California, prepared by Green Environmental, Inc., March 20, 1995.

12. Wen, Jason, Southern California Water Company/Norwalk, Department of Toxic Substances Control (DTSC) Information Request Letter, December 29, 2000 and follow up call by Lori Parnass, DTSC, January 3, 2001.

13. Diaz, Adrian, City of Pico Rivera Water Department, DTSC Information Request Letter and

follow up call by Lori Parnass, DTSC, February 7, 2001.

14. Hughes, Ron, City of Santa Fe Springs Water Department, DTSC Information Request Letter, January 2, 2001 by Lori Parnass, DTSC.

15. McDonnell, Frank, City of Downey Water Department, DTSC Information Request Letter, December 21, 2000 and follow up call by Lori Parnass,DTSC, February 7, 2001.

16. Lynch, Gary, Park Water Company, DTSC Information Request Letter, January 5, 2001.

17. Ford, Noel, City of Norwalk Water Department, DTSC Information Request Letter, January 5, 2001.

18. Laurence McGee School, DTSC Information Request Letter, January 5, 2001 and follow up call by Lori Parnass, DTSC, with Water Reserve District representative Wanjiru Njuguna, February 7, 2001.

19. Zampiello, Anthony, La Habra Heights CWD, DTSC Information Request Letter, January 5, 2001.

20. Arrighi, Dan, San Gabriel Valley Water Company, DTSC Information Request Letter, January 2, 2001.

21. Wendell, Carl, Bellflower-Somerset Mutual Water Company, DTSC Information Request Letter, January 5, 2001.

22. Dermody, Joseph, City of Pico Water Department, DTSC Information Request Letter, January 5, 2001.

23. Grams, Dee, Non-Emergency Hazardous Substance Release Report, July 14, 1997 to DTSC.

24. Klunk, David R., City of Santa Fe Springs Fire Department, Letter to Greg Holmes, Department of Toxic Substances Control, February 11, 1998.

25. Cully, Joe, DTSC correspondence to Greg Holmes, DTSC, January 21, 1998.

26. Klinger, Thomas, County of Los Angeles Fire Department, Letter to James G. Stull, Continental Heat Treating, May 27, 1997.

27. City of Santa Fe Springs, Certified Unified Program Agency, Activity Declaration, August 1, 2000.

28. Limited Subsurface Investigation, Tetrachloroethylene Impacted Soil at Mobil-Jalk/Fee Property, Santa Fe Springs, prepared by McLaren/Hart, Nov. 15, 1994.

29. U.S.EPA Preliminary Assessment, June 15, 1999, Mobil-Jalk/Fee, prepared by DTSC.

30. U.S.EPA Site Screening, May 1, 1998, Continental Heat Treating, prepared by DTSC.

31. So. Coast Air Quality Management District, February 10, 1999, Permit to Operate.

32. Kilgore, John D., County Sanitation Districts of Los Angeles County Discharge Permit, Letter to Mr. Tom Hall, City of Santa Fe Springs, January 6, 1993.

33. U.S. EPA, Region 9, Geographical Information Systems Report, November 14, 2000.

APPENDIX B

22

CONTACT REPORT

AGENCY/AFFILIATION: Pico- City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: P.O. Box 758	CITY:Pico Rivera	
COUNTY:	STATE: CA	ZIP:90660
CONTACT(S) Joseph Dermody	TITLE	PHONE 562) 692-3756
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE: 12/29/00
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The Pico Water District operates a blended drinking water system that consists of 7 wells that serve approximately 27,000 people. Currently, the Pico Water District obtains all of its drinking water from groundwater. No well contributes greater than 40 percent to the system. Two of the seven wells operated by the Pico Water District are within 4 miles of the site.

Well Id

1910125006 (well 05A)

1910125009 (well 08)

12

CONTACT REPORT

AGENCY/AFFILIATION: Southern California Water Company/Norwalk		CODE:
DEPARTMENT: Water Quality		
ADDRESS:12035 Burke St. Suite 1	CITY:Santa Fe Springs	
COUNTY:	STATE: CA	ZIP:90670
CONTACT(S) Scott Zastrow/Jason Wei	TITLE water quality engineer	PHONE 562)907-9200 ext.407/402
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:12/00
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The Southern California Water Company operates a blended drinking water system that consists of 8 wells that serve approximately 40,000 people. Currently, the Southern California Water Company obtains 40% of its drinking water from groundwater and 60% from surface water. No well contributes greater than 40 percent to the system and the system is a blended system. All 8 of the wells operated by the Southern California Water Company are within 4 miles of the site. All wells are impacted with VOC contamination, 1,1 DCE over MCL, PCE and TCE near MCL. The water is treated by a GAC system.

14

CONTACT REPORT

AGENCY/AFFILIATION: Santa Fe Springs - City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: 11710 Telegraph Road	CITY: Santa Fe Springs	
COUNTY:	STATE: CA	ZIP:90670
CONTACT(S) Ron Hughes	TITLE Engineer	PHONE 562) 868-0511 ext. 244
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE: 12/22/00
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The City of Santa Fe Springs (SFS) operates a blended drinking water system. Currently, the SFS obtains 50% of its drinking of its drinking water from groundwater and 50% from surface water. No well contributes greater than 40 percent to the system. The two (2) wells operated by the City of Santa Fe Springs are within 4 miles of the site.

Population served by SFS = 38,950

15

CONTACT REPORT

AGENCY/AFFILIATION: Downey - City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: 9252 Stewart and Gary Rd.	CITY: Downey	
COUNTY:	STATE: CA	ZIP: 90241
CONTACT(S) Frank McDonnell/fmcdonel@downeyca.org	TITLE Supervisor	PHONE 562)904-7246/7202 fax)562)869-9832
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:12/20/00
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:
1) 1910034014(well 12(old PWC well 42B)
2) 1910034007 (well 05(stoakes 13)
3) 1910034012 (well 10(old PWC well 42C)
4) 1910034018 (well 16(old well 10)
5) 1910034017 (well 15(old well 06)
6) 1910034025 (well 24 (old PWC well 08 B)
7) 1910034005 (well 02 (old well 08)
8) 1910034004 (well 01(old well 13)
9) 1910034032 (well 04)
10) 1910034011 (well 09 (old well 04)
11) 1910034019 (well 17 (old PWC well 05 E)
12) 1910034016 (well 14(old well 02)
13)1910034009 (well 07 (old well 302)
14) 1910034021 (well 19 (old well 01)
15) 1910034024 (well 23 (old well 07)
16) 1910034026 (well 25(old well 09)
17) 1910034030 (well 30 (old wPWC well 01D)
18) 1910034029 (well 29(old PWC well 01C)

100% of water is groundwater.
Twenty-one wells in operating system serve approximately 100,000 people. No well contributes greater than 40 percent to the system. Eighteen (18) of the 21 wells operated by the City of Downey are within 4 miles of the site.

CONTACT REPORT

AGENCY/AFFILIATION: Park Water Co. - Bellflower, Norwalk		CODE:
DEPARTMENT:		
ADDRESS: P.O. Box 7002	CITY: Downey	
COUNTY:	STATE: CA	ZIP:90241
CONTACT(S) Gary Lynch	TITLE General Manager	PHONE
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:1/5/01
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The Park Water Company operates a blended drinking water system that consists of 4 wells that serve approximately 60,000 people. Currently, the Park Water Company obtains 20% of its drinking water from groundwater and 80% from surface water. No well contributes greater than 40 percent to the system. All 4 of the wells operated by the Park Water Company are within 4 miles of the site.

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CONTACT REPORT

AGENCY/AFFILIATION: Norwalk - City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: 12631 Imperial Highway	CITY: Santa Fe Springs	
COUNTY:	STATE: CA	ZIP:90670
CONTACT(S) Noel Ford	TITLE Utilities Supervisor	PHONE 562)929-5511
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE: 1/30/01
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The City of Norwalk operates a drinking water system that consists of 2 wells that serve 15,345 people. Currently, Norwalk obtains 100% of its drinking water from groundwater. No well contributes greater than 40 percent to the system. All wells operated by the Norwalk are within 4 miles of the site.

CONTACT REPORT

AGENCY/AFFILIATION: Laurence McGee School			CODE:
DEPARTMENT:			
ADDRESS: 8200 Serapis	CITY: Pico Rivera		
COUNTY:	STATE: CA		ZIP:90660
CONTACT(S) Wanjiru Njuguna, Water Reserve District	TITLE representative	PHONE	
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:2/7/01	
SUBJECT: well and aquifer info			
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719		

DISCUSSION:

Laurence McGee School operates a well that serves approximately 500 people. Currently, Laurence McGee School obtains all of its drinking water from groundwater. This well operated by the Laurence McGee School is within 4 miles of the site.

CONTACT REPORT

AGENCY/AFFILIATION: La Habra Heights - City, water dept.			CODE:
DEPARTMENT:			
ADDRESS: P.O. Box 628	CITY: La Habra Heights		
COUNTY:	STATE: CA		ZIP:90633
CONTACT(S) Anthony Zampiello	TITLE	PHONE 562)697-6769	
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:01/05/01	
SUBJECT: well and aquifer info			
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719		

DISCUSSION:

The City of La Habra Heights (LHH) obtains 100% of its drinking water from groundwater. No well contributes greater than 40% to the system. All 4 of the wells operated by the LHH are within 4 miles of the site.

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CONTACT REPORT

AGENCY/AFFILIATION: San Gabriel Valley Water Co. - El Monte		CODE:
DEPARTMENT:		
ADDRESS:P.O. Box 6010	CITY: El Monte	
COUNTY:	STATE: CA	ZIP:91734
CONTACT(S) Dan Arrighi	TITLE	PHONE 626) 448-6183
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE: 12/29/00
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The San Gabriel Valley Water Company operates a drinking water system that consists of 4 wells that serve approximately 153,000 people. Currently, the San Gabriel Valle Water Company obtains all of its drinking water from groundwater. No well contributes greater than 40 to the system. Two of the wells operated by the San Gabriel Valley Water Company are within 4 miles of the Site.

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CONTACT REPORT

AGENCY/AFFILIATION: Bellflower - Somerset Mutual Water Company			CODE:
DEPARTMENT:			
ADDRESS: 10016 E. Flower	CITY:Bellflower		
COUNTY:	STATE: CA		ZIP:
CONTACT(S) Carl Wendall	TITLE	PHONE 562) 866-9980	
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE: 01/05/01	
SUBJECT: well and aquifer info			
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719		

DISCUSSION:

The Bellflower/Somerset Mutual Water Company operates a blended drinking water system that consists of 16 wells that serve approximately 25,000 people. They currently obtain 12% of the drinking water from groundwater and 78% from surface water. No well contributes greater than 40 percent to the system. One of the sixteen wells are within 4 miles of the site.

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CONTACT REPORT

AGENCY/AFFILIATION: Pico Rivera - City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: P.O. Box 1016	CITY: Pico Rivera	
COUNTY:	STATE: CA	ZIP:
CONTACT(S) Adrian Diaz /diazadrian@earthlink.net	TITLE Utility Systems Supervisor	PHONE 562) 801-4316/562) 942-2000
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The City of Pico Rivera operates a blended drinking water system that consists of at least 8 wells (listed below) that serve approximately 36,500 people. Currently, the City of Pico Rivera obtains 50% of its drinking water from groundwater and 50% from surface water. No well contributes greater than 40 percent to the system. All of the listed wells operated by the City of Pico Rivera are within 4 miles of the site.

Well Ids
1910042011 (well W7)

1910042012 (well W8)

1910042013 (well W9)

1910042013 (well W9)

1910042004 (well W11)

1910042005 (well W12)

1910042007 (well W3)

1910042008 (well W4)

1910042009 (well W5)

1910042010 (well W6)

CONTACT LOG

Site: Continental Heat Treating
EPA ID: CAD 053858296

Name	Affiliation	Phone	Date	Information
James Stull	Continental Heat Treating owner,operator	562)944-8808	12/07/00	Facility info; See Site Recon
Robert Schneider	Facility consultant	ph 909)597-7024 fax 909)597-0566	12/07/00	Facility info; See Site Recon
Joe Cully	DTSC	714) 551-2800	12/22/00	Information on neighboring facility, Mobil-Jalk/Fee
Jason Wei	Southern California Water Company	562)907-9200 ext.407/402	12/22/00	See HRS Rational
Frank Mc Donnell	City of Downey Water Dept.	562)904-7246	12/22/00	See HRS Rational
Adrian Diaz	City of Pico Rivera Water	562) 942-2243	12/22/00	See HRS Rational
Ron Hughes	City of Santa Fe Springs Water	562) 868-0511	12/22/00	See HRS Rational
Gary Lynch	Park Water Company			See HRS Rational
Joseph Dermody	Pico Water District	562)692-3756/ 213)380-7889	12/29/00	See HRS Rational
Dan Arrighi	San Gabriel Valley Water Company, El Monte	626)448-6183	12/29/00	See HRS Rational
Utility Supervisor	Laurence McGee School		01/05/01	See HRS Rational
Anthony Zampiello	La Habra Heights CWD	562)697-6769/ 562)694-6302	01/05/01	See HRS Rational
Carl Wendall	Bellflower-Mutual Water Company	562)866-9980	01/05/01	See HRS Rational
Noel Ford	City of Norwalk Public Services Water	562)929-5700	01/05/01	See HRS Rational
Cheryl Ross	Central Basin Municipal Water		01/11/01	Groundwater Well Information Request for wells without information: Alice Birney (1909999001), Downey Valley Mutual (1900672001), John Niemes (1909998001), Cerritos College (1900025001)
John Geroch/Jimmy Woo	Los Angeles Regional Water Board	213)576-6723	01/01	Groundwater designation-potential use.Because neighboring facility is being overseen by the LARWQCB the CHT owners have requested that they too be overseen by the LARWQCB.

APPENDIX D

CONTACT REPORT

AGENCY/AFFILIATION: Southern California Water Company/Norwalk			CODE:
DEPARTMENT: Water Quality			
ADDRESS:12035 Burke St. Suite 1	CITY:Santa Fe Springs		
COUNTY:	STATE: CA	ZIP:90670	
CONTACT(S) Scott Zastrow/Jason Wei	TITLE water quality engineer	PHONE 562)907-9200 ext.407/402	
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:12/00	
SUBJECT: well and aquifer info			
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719		

DISCUSSION:

The Southern California Water Company operates a blended drinking water system that consists of 8 wells that serve approximately 40,000 people. Currently, the Southern California Water Company obtains 40% of its drinking water from groundwater and 60% from surface water. No well contributes greater than 40 percent to the system and the system is a blended system. All 8 of the wells operated by the Southern California Water Company are within 4 miles of the site. All wells are impacted with VOC contamination, 1,1 DCE over MCL, PCE and TCE near MCL. The water is treated by a GAC system.

CONTACT REPORT

AGENCY/AFFILIATION: Pico Rivera - City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: P.O. Box 1016	CITY: Pico Rivera	
COUNTY:	STATE: CA	ZIP:
CONTACT(S) Adrian Diaz /diazadrian@earthlink.net	TITLE Utility Systems Supervisor	PHONE 562) 801-4316/562) 942-2000
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The City of Pico Rivera operates a blended drinking water system that consists of at least 8 wells (listed below) that serve approximately 36,500 people. Currently, the City of Pico Rivera obtains 50% of its drinking water from groundwater and 50% from surface water. No well contributes greater than 40 percent to the system. All of the listed wells operated by the City of Pico Rivera are within 4 miles of the site.

Well Ids
1910042011 (well W7)

1910042012 (well W8)

1910042013 (well W9)

1910042013 (well W9)

1910042004 (well W11)

1910042005 (well W12)

1910042007 (well W3)

1910042008 (well W4)

1910042009 (well W5)

1910042010 (well W6)

CONTACT REPORT

AGENCY/AFFILIATION: Santa Fe Springs - City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: 11710 Telegraph Road	CITY: Santa Fe Springs	
COUNTY:	STATE: CA	ZIP:90670
CONTACT(S) Ron Hughes	TITLE Engineer	PHONE 562) 868-0511 ext. 244
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE: 12/22/00
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The City of Santa Fe Springs (SFS) operates a blended drinking water system. Currently, the SFS obtains 50% of its drinking of its drinking water from groundwater and 50% from surface water. No well contributes greater than 40 percent to the system. The two (2) wells operated by the City of Santa Fe Springs are within 4 miles of the site.

Population served by SFS = 38,950

CONTACT REPORT

AGENCY/AFFILIATION: Downey - City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: 9252 Stewart and Gary Rd.	CITY: Downey	
COUNTY:	STATE: CA	ZIP: 90241
CONTACT(S) Frank McDonnell/fmcdonel@downeyca.org	TITLE Supervisor	PHONE 562)904-7246/7202 fax)562)869-9832
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:12/20/00
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

1) 1910034014(well 12(old PWC well 42B)
2) 1910034007 (well 05(stoakes 13)
3) 1910034012 (well 10(old PWC well 42C)
4) 1910034018 (well 16(old well 10)
5) 1910034017 (well 15(old well 06)
6) 1910034025 (well 24 (old PWC well 08 B)
7) 1910034005 (well 02 (old well 08)
8) 1910034004 (well 01(old well 13)
9) 1910034032 (well 04)
10) 1910034011 (well 09 (old well 04)
11) 1910034019 (well 17 (old PWC well 05 E)
12) 1910034016 (well 14(old well 02)
13)1910034009 (well 07 (old well 302)
14) 1910034021 (well 19 (old well 01)
15) 1910034024 (well 23 (old well 07)
16) 1910034026 (well 25(old well 09)
17) 1910034030 (well 30 (old wPWC well 01D)
18) 1910034029 (well 29(old PWC well 01C)

100% of water is groundwater.
Twenty-one wells in operating system serve approximately 100,000 people. No well contributes greater than 40 percent to the system. Eighteen (18) of the 21 wells operated by the City of Downey are within 4 miles of the site.

CONTACT REPORT

AGENCY/AFFILIATION: Park Water Co. - Bellflower, Norwalk		CODE:
DEPARTMENT:		
ADDRESS: P.O. Box 7002	CITY: Downey	
COUNTY:	STATE: CA	ZIP:90241
CONTACT(S) Gary Lynch	TITLE General Manager	PHONE
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:1/5/01
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The Park Water Company operates a blended drinking water system that consists of 4 wells that serve approximately 60,000 people. Currently, the Park Water Company obtains 20% of its drinking water from groundwater and 80% from surface water. No well contributes greater than 40 percent to the system. All 4 of the wells operated by the Park Water Company are within 4 miles of the site.

CONTACT REPORT

AGENCY/AFFILIATION: Norwalk - City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: 12631 Imperial Highway	CITY: Santa Fe Springs	
COUNTY:	STATE: CA	ZIP:90670
CONTACT(S) Noel Ford	TITLE Utilities Supervisor	PHONE 562)929-5511
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE: 1/30/01
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The City of Norwalk operates a drinking water system that consists of 2 wells that serve 15,345 people. Currently, Norwalk obtains 100% of its drinking water from groundwater. No well contributes greater than 40 percent to the system. All wells operated by the Norwalk are within 4 miles of the site.

CONTACT REPORT

AGENCY/AFFILIATION: Laurence McGee School			CODE:
DEPARTMENT:			
ADDRESS: 8200 Serapis		CITY: Pico Rivera	
COUNTY:		STATE: CA	ZIP:90660
CONTACT(S) Wanjiru Njuguna, Water Reserve District	TITLE representative	PHONE	
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:2/7/01	
SUBJECT: well and aquifer info			
SITE NAME: Continental Heat Treating		EPA ID: CAD 095631719	

DISCUSSION:

Laurence McGee School operates a well that serves approximately 500 people. Currently, Laurence McGee School obtains all of its drinking water from groundwater. This well operated by the Laurence McGee School is within 4 miles of the site.

CONTACT REPORT

AGENCY/AFFILIATION: La Habra Heights - City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: P.O. Box 628	CITY: La Habra Heights	
COUNTY:	STATE: CA	ZIP:90633
CONTACT(S) Anthony Zampiello	TITLE	PHONE 562)697-6769
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE:01/05/01
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The City of La Habra Heights (LHH) obtains 100% of its drinking water from groundwater. No well contributes greater than 40% to the system. All 4 of the wells operated by the LHH are within 4 miles of the site.

CONTACT REPORT

AGENCY/AFFILIATION: San Gabriel Valley Water Co. - El Monte			CODE:
DEPARTMENT:			
ADDRESS:P.O. Box 6010	CITY: El Monte		
COUNTY:	STATE: CA	ZIP:91734	
CONTACT(S) Dan Arrighi	TITLE	PHONE 626) 448-6183	
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE: 12/29/00	
SUBJECT: well and aquifer info			
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719		

DISCUSSION:

The San Gabriel Valley Water Company operates a drinking water system that consists of 4 wells that serve approximately 153,000 people. Currently, the San Gabriel Valle Water Company obtains all of its drinking water from groundwater. No well contributes greater than 40 to the system. Two of the wells operated by the San Gabriel Valley Water Company are within 4 miles of the Site.

CONTACT REPORT

AGENCY/AFFILIATION: Bellflower - Somerset Mutual Water Company			CODE:
DEPARTMENT:			
ADDRESS: 10016 E. Flower	CITY:Bellflower		
COUNTY:	STATE: CA	ZIP:	
CONTACT(S) Carl Wendall	TITLE	PHONE 562) 866-9980	
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE: 01/05/01	
SUBJECT: well and aquifer info			
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719		

DISCUSSION:

The Bellflower/Somerset Mutual Water Company operates a blended drinking water system that consists of 16 wells that serve approximately 25,000 people. They currently obtain 12% of the drinking water from groundwater and 78% from surface water. No well contributes greater than 40 percent to the system. One of the sixteen wells are within 4 miles of the site.

CONTACT REPORT

AGENCY/AFFILIATION: Pico- City, water dept.		CODE:
DEPARTMENT:		
ADDRESS: P.O. Box 758	CITY:Pico Rivera	
COUNTY:	STATE: CA	ZIP:90660
CONTACT(S) Joseph Dermody	TITLE	PHONE 562) 692-3756
DTSC PERSON MAKING CONTACT: Lori Parnass		DATE: 12/29/00
SUBJECT: well and aquifer info		
SITE NAME: Continental Heat Treating	EPA ID: CAD 095631719	

DISCUSSION:

The Pico Water District operates a blended drinking water system that consists of 7 wells that serve approximately 27,000 people. Currently, the Pico Water District obtains all of its drinking water from groundwater. No well contributes greater than 40 percent to the system. Two of the seven wells operated by the Pico Water District are within 4 miles of the site.

Well Id

1910125006 (well 05A)

1910125009 (well 08)

APPENDIX E

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION IX

EPA ID: CAD095631719 **Site Name:** CONTINENTAL HEAT TREATING **State ID:**

Alias Site Names:

City: SANTA FE SPRINGS **County or Parish:** LOS ANGELES **State:** CA

Refer to Report Dated: **Report Type:** PRELIMINARY ASSESSMENT 001

Report Developed by: STATE

DECISION:

☐ **1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:**

☐ **1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)**

☐ **1b. Site may qualify for action, but is deferred to:**

☒ **2. Further Assessment Needed Under CERCLA:**

2a. Priority: ☒ **Higher** ☐ **Lower**

2b. Other: (recommended action) High

DISCUSSION/RATIONALE:

No State regulatory involvement. VOCs found in soil gas on site. Regional groundwater contamination in the area. Sampling is required.

Site Decision Made by: RACHEL LOFTIN

Signature: _____ **Date:** 06/27/2001

EPA Form # 9100-3

SITE RECONNAISSANCE INTERVIEW AND OBSERVATIONS REPORT

Department of Toxic Substances Control
1011 N. Grandview Avenue
Glendale, California 91201

OBSERVATIONS MADE BY: Lori Parnass DATE: December 15, 2000

FACILITY REPRESENTATIVE(S) and TITLE(S): Mr. Robert W. Schneider, facility representative.

SITE: Continental Heat Treating, Inc.

EPA ID: CAD 053858296

A site reconnaissance was conducted at the Continental Heat Treating (CHT) on December 15, 2000. The weather was warm and the temperature was approximately 75°F. Ms. Lori Parnass of the Department of Toxic Substances Control (DTSC) conducted the Site reconnaissance beginning at 9:00 a.m. to gather information on the site location and size, site history, processes used, and any hazardous waste generated, treated, stored, or disposed of on site. The reconnaissance included a site tour and interview with facility representative, Mr. Robert W. Schneider. Photos were obtained.

The following information was obtained during the site reconnaissance:

Site Description. CHT is located at 10643 South Norwalk Blvd., in the city of Santa Fe Springs, the county of Los Angeles, the state of California. CHT is located in the southwest portion of the Santa Fe Springs oil field, which is an active oil field and in an industrial/commercial area. CHT is bordered on the north and northwest by an oil production property, formerly Jalk-Fee/Mobil; on the east by Norwalk Boulevard; on the south by Hathaway Property; and on the west by Hathaway Property. Residential areas are further than 2000 feet away. School areas are further than 2000 feet northwest of the site.

CHT is approximately 450 ft by 200 ft with a building located in the central and eastern portion of the property. The building is approximately 225 ft by 150 ft with a layer of intact concrete flooring. The driveway is asphalt. Previous sampling event and monitoring well areas were located.

CHT processes metal parts with heat to perform carbonnitriding and nitriding on the surface of the metal. A central building houses the metal processing operations and a copper metal plating line. The business operations whose normal working hours are 8 AM to 5 PM, Monday through Friday, employ 46 people.

Hazardous Substances Onsite. Continental Heat Treating, Inc. certified in an August 1, 2000 activity declaration to the certified unified local enforcement agency, City of Santa Fe Springs, that the facility stores hazardous materials, including regulated substances in above ground tanks or drums. They are as follows:

1) Anhydrous Ammonia - is stored in a 1000 gallon above ground tank. The ammonia is drawn through a piping system and a manifold flow meter directly into heat treat furnaces where it is consumed. The tank is located outside the building on the west end the building.

2) Argon - is stored in an above ground tank located outside building on the southwest side.

3) Cerfa-Kleen 5380 - is stored in a drum located outside building on the southwest corner of the property. Triethanolamine is the hazardous component of this material.

4) Hydrogen - is stored in an above ground tank located outside building on the northwest corner of the property.

5) Kendall Super DS 15 W 40 - is stored in a drum located outside building on the southwest corner of the property. Heavy Para Pertoleum Oil, amide borate, and ethylene propylene copolymers are the hazardous components of this material.

6) Liquid Nitrogen - is stored in above ground tanks located outside building, northwest corner of property.

7) Propane - is stored in above ground tanks located outside building on the southwest site.

8) Waste oil - approximately 2,100 gallons per year is drummed for recycling. Waste drums are stored in a designated hazardous waste storage area located in the southwestern portion of the property.

9) Waste quench oil - is stored in above ground tanks and drums. Approximately 2,400 gallons is produced. Petroleum and residual oil is the hazardous component.

10) Spent alkaline cleaning solution - -approximately 300 gallons per year. Plating wastes are drummed and stored in a designated area outside the building, on the southside.

11) Sludge containing copper - is stored in a drum outside on southside of building.

12) Sodium hydroxide - is stored in a drum outside on southside of building.

13) Acid cleaning solution - is stored in an above ground tank near the copper masking line. The hazardous component is sodium bisulfate and sodium biflouride.

14) Cupral plating solution - is stored in an above ground tank near the copper masking line. The hazardous component is copper diacetate, potassium hydroxide, 1-hydroxyethylidene-1,1-diphosphonic acid.

15) Alkaline cleaner solution - is stored in an above ground tank near the copper masking line. The hazardous component is sodium hydroxide.

16) Cufix E stripper - is stored in an above ground tank near the copper masking line. The hazardous component is potassium carbonate.

Trilogy
Regulatory Services

15011 Turtle Pond Ct., Chino Hills, CA 91709
Phone: (909) 597-7024 / FAX: (909) 597-0566

Dec. 22, 2000

California Environmental Protection Agency
Department of Toxic Substances Control
Site Mitigation Cleanup Operation Branch
Southern California Region
1011 North Grandview Ave.
Glendale, CA 91201

Attn: Lori Parnass

Re: Continental Heat Treating, Inc.
EPA ID# CAD053858296
10643 S. Norwalk Blvd.
Santa Fe Springs, CA 90670

Dear Ms. Parnass;

I have enclosed the follow-up information that you requested during your site visit to Continental Heat Treating, Inc. on Dec. 15, 2000. The enclosed information includes;

1. The history of the sump located at the northwest corner of the facility.

2. A copy of the permit held by the facility with South Coast Air Quality Management District.

3. Correspondence in the company files concerning its Industrial Wastewater Permit.

4. A copy of the application form to revised the Industrial Wastewater Permit submitted in September of 2000 that describes the facility's current discharge to the POTW.

5. A copy of the Notice of Intent received in 1992 from the State Water Resources Board for the initial filing for a Storm Water Permit by the facility and a copy of the facility's re-filing in June 1997.

I you require any additional information please contact me at (909) 597-7024.

Sincerely,

Robert W. Schneider

cc. J. Stull – Continental Heat Treating, Inc.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
SOUTHERN CALIFORNIA REGION
DEC 29 2000
RECEIVED

12/22/00 RS

Sump At Northeast Corner of Facility

The sump was installed in 1986 or 1987 for the purpose of collecting any overflow resulting from the operation of the two cooling towers that were installed at that location at approximately the same time.

The sump has a sump pump at the bottom that discharges the water in the sump to the industrial wastewater outlet periodically. The estimated daily discharge from the cooling towers is approximately 200 gpd.

The area where the cooling towers are located is bermed to prevent run-on from the surrounding area during storm events and prevent the cooling water discharge from entering the storm water system.

Over time sump collects dirt that has been deposited on the cement pad in this area that is eventually washed into the sump by the overflow from the cooling towers. The dirt is cleaned out of the sump every two to three years when it begins to foul the operation of the sump pump at the bottom of the sump.

December 15, 2000
at 8:30 a.m.

Upon arrival at the site, Ms. Lori Parnass will introduce herself and request a walkthrough of the facility. Ms. Parnass will take photographs and collect information about the site, which will be incorporated into the PA. After the walkthrough Ms. Parnass will discuss the information requested by this letter.

Pursuant to applicable provisions of Section 104 of CERCLA; Section 3007 of the Resource Conservation and Recovery Act (RCRA); Section 9 of the Federal Insecticide, Fungicide, and Rodenticide Act; Section 3 of the Toxic Substances Control Act; and Section 308 of the Clean Water Act, EPA hereby requests that you make the following information available to DTSC prior to or at the time of the facility visit:

Ownership and operational history of the site.

Site plans, facility maps, and historical aerial photographs, if available, showing the locations of any hazardous substances, pollutant or contaminant, management activities, wells, buildings, drainage, and any other relevant features.

List of all hazardous substances, pollutants or contaminants generated, stored, treated, transported from or disposed of at the facility, including dates and amounts, if known.

Description of past and present waste management practices, including onsite generation, storage, treatment, disposal or removal of hazardous substances, pollutants or contaminants.

Description of all onsite hazardous substances or pollutants and contaminant storage, treatment or disposal areas, including size, containment features, dates used, and amounts of materials stored, treated or disposed of.

Description of any releases of hazardous substances to the environment, including dates and regulatory agency response to the releases, if any.

Description of any environmental or public health regulatory or enforcement agency involvement at the facility.

Attachment A

Access to the information requested by EPA in the accompanying letter must be provided notwithstanding its possible characterization as confidential information or trade secrets. You may, if you desire, assert a confidentiality claim covering part of all of the information requested, pursuant to CERCLA Section 104(e) and 40 C.F.R. Section 2.203(b), by attaching to such information at the time EPA's duly designated representative is provided access to such information, a cover sheet, stamped or typed legend, or some other suitable form of notice employing language such as "trade secret", "proprietary", or "confidential business information". Information covered by such a claim will be released by EPA or its representatives only to the extent authorized by CERCLA Section 104(e). If no such claim accompanies the information when it is released to EPA's duly designated representative, it may be made available to the public by EPA and its representatives without further notice to you. You should read the above-cited regulations carefully before asserting a business confidentiality claim, since certain categories of information are not properly the subject of such claim.

The regulations of 40 C.F.R. Section 2.211 preclude EPA employees from wrongfully using or disclosing any business information that was obtained during the performance of the employee's official duties. In addition, EPA employees must take all appropriate action to safeguard business information from improper disclosure. EPA employees who violate these requirements are subject to dismissal, suspension or fines. Criminal action may be taken against EPA employees who willfully disclose confidential business information. A contractor with EPA who obtains business information during execution of an EPA contract can disclose information only as allowed in the contract. EPA regulations on confidentiality in 40 CFR Part 2 Subpart B require that the contractor agree to the clause entitled, "Treatment of Confidential Business Information" before any confidential business information may be furnished to the Contractor.

This letter serves as notice to you, pursuant to 40 CFR Section 2.310(h), of the contemplated disclosure by EPA of the information at your facility relating to (1) any materials which have been or are generated, treated, stored, disposed of, or transported from the facility, and (2) your ability to pay for or to perform a cleanup. EPA plans to disclose this information to the Department of Toxic Substances Control (DTSC); this disclosure is necessary in order for DTSC to carry out the inspection of your facility, including document review and copying. Pursuant to 40 CFR Section 2.310(h), you may submit comments to EPA on EPA's disclosure of confidential business information of its authorized representatives. Any comments on this contemplated disclosure must be submitted to EPA within 5 days of your receipt of this letter. Submit any such comments to:

Ms. Betsy Curnow, Chief
Site Evaluation Section (H-8-1)
Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105

Failure to submit your comments in a timely manner shall not because for refusal to allow DTSC access to the requested records.

Description of all federal, state, and local permits held by the facility, include permit number, issuance and expiration dates. Also describe any occurrence of noncompliance with these permits.

Please see the accompanying Attachment A regarding confidential business information. If you wish to comment on the confidentiality of the information requested or the EPA's release of such confidential information to the public, you must do so in writing within five (5) days from your receipt of this letter.

Submit any such comments to:

Ms. Betsy Curnow, Chief
Site Evaluation Section (H-8-1)
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105

Please call me if you wish to discuss this letter or our upcoming visit. I may be reached at (818) 551-2877. Please feel free to invite anyone to the meeting and site visit who can provide the information requested above. You may also discuss this matter with Ms. Rachel Loftin, EPA Region IX Superfund Project Officer for California, at (415) 744-2348.

Sincerely,

Harlan R. Jeche

Harlan R. Jeche
Unit Chief
Southern California Cleanup Operations - Glendale Office

Certified Mail 7099 3220 0008 0830 0780
Return Receipt Requested

Attachment

cc: Ms. Rachel Loftin
Superfund Project Officer
Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105

Lori

Department of Toxic Substances Control

Edwin F. Lowry, Director
1011 North Grandview Avenue
Glendale, California 91201

Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

Gray Davis
Governor

December 14, 2000

CERTIFIED MAIL

Mr. James G. Skull, President
Continental Heat Treating
10643 South Norwalk Boulevard
Santa Fe Springs, California 90670-3821

SCHEDULED SITE VISIT

Dear Mr. Skull:

The Department of Toxic Substances Control (DTSC) is currently a contractor to the U.S. Environmental Protection Agency (EPA). Pursuant to Section 104 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA or Superfund), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), and to Section 3007 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA), the EPA is conducting a nationwide inventory and screening of sites and facilities where hazardous substances may be located. Under the contractual relationship with the EPA, DTSC is responsible for assisting the EPA in identifying and investigating such potential sites. The EPA has requested DTSC to conduct a Preliminary Assessment (PA) of the Continental Heat Treating property at 10643 South Norwalk Boulevard, Santa Fe Springs.

A PA is a limited-scope investigation of sites on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database. PA investigators collect readily available information, conduct a "walk around" of the site and its immediate environs, and interview the site representative. The PA is designed to distinguish between sites that pose little or no threat to human health and the environment and sites that require further investigation to make such a determination. The PA also identifies sites requiring assessment for possible emergency response actions.

Ms. Lori Parnass discussed with you in a phone conversation on December 7, 2000, that a site visit at 10643 South Norwalk Boulevard is planned for the following date and time:

12/15/00

Documents Delivered to
Lori Parnass

1. Site Investigation Report 3/20/95
Green Environmental Inc

2. Multi Depth Soil Gas Survey Report 5/8/96
EST

3. Site Assessment Report 5/6/97
EST

4. Haz Materials Aug 1, 2000
update pages 1-25

5. Co of LA FD 6/3/97
Letter to RWQCB

6. Santa Fe Springs FD 9/12/97
Letter to Continental Heat Trust.

7. Northern Trust 10/18/00
Letter to RWQCB

Lori Parnass

SITE RECONNAISSANCE INTERVIEW AND OBSERVATIONS REPORT

Department of Toxic Substances Control
1011 N. Grandview Avenue
Glendale, California 91201

OBSERVATIONS MADE BY: Lori Parnass DATE: December 15, 2000

FACILITY REPRESENTATIVE(S) and TITLE(S): Mr. Robert W. Schneider, facility representative.

SITE: Continental Heat Treating, Inc.

EPA ID: CAD 053858296

A site reconnaissance was conducted at the Continental Heat Treating (CHT) on December 15, 2000. The weather was warm and the temperature was approximately 75°F. Ms. Lori Parnass of the Department of Toxic Substances Control (DTSC) conducted the Site reconnaissance beginning at 9:00 a.m. to gather information on the site location and size, site history, processes used, and any hazardous waste generated, treated, stored, or disposed of on site. The reconnaissance included a site tour and interview with facility representative, Mr. Robert W. Schneider. Photos were obtained.

The following information was obtained during the site reconnaissance:

Site Description. CHT is located at 10643 South Norwalk Blvd., in the city of Santa Fe Springs, the county of Los Angeles, the state of California. CHT is located in the southwest portion of the Santa Fe Springs oil field, which is an active oil field and in an industrial/commercial area. CHT is bordered on the north and northwest by an oil production property, formerly Jalk-Fee/Mobil; on the east by Norwalk Boulevard; on the south by Hathaway Property; and on the west by Hathaway Property. Residential areas are further than 2000 feet away. School areas are further than 2000 feet northwest of the site.

CHT is approximately 450 ft by 200 ft with a building located in the central and eastern portion of the property. The building is approximately 225 ft by 150 ft with a layer of intact concrete flooring. The driveway is asphalt. Previous sampling event and monitoring well areas were located. Extraction well is still in place, however, no vapors have been extracted.

SITE RECONNAISSANCE INTERVIEW AND OBSERVATIONS REPORT (Cont'd)

Site: Continental Heat Treating, Inc.

CHT processes metal parts with heat to perform carbonnitriding and nitriding on the surface of the metal. A central building houses the metal processing operations and a copper metal plating line. The business operations whose normal working hours are 8 AM to 5 PM, Monday through Friday, employ 46 people.

Hazardous Substances Onsite. Continental Heat Treating, Inc. certified in an August 1, 2000 activity declaration to the certified unified local enforcement agency, City of Santa Fe Springs, that the facility stores hazardous materials, including regulated substances in above ground tanks or drums. They are as follows:

1) Anhydrous Ammonia - is stored in a 1000 gallon above ground tank. The ammonia is drawn through a piping system and a manifold flow meter directly into heat treat furnaces where it is consumed. The tank is located outside the building on the west end the building.

2) Argon - is stored in an above ground tank located outside building on the southwest side.

3) Cerfa-Kleen 5380 - is stored in a drum located outside building on the southwest corner of the property. Triethanolamine is the hazardous component of this material.

4) Hydrogen - is stored in an above ground tank located outside building on the northwest corner of the property.

5) Kendall Super DS 15 W 40 - is stored in a drum located outside building on the southwest corner of the property. Heavy Para Pertoleum Oil, amide borate, and ethylene propylene copolymers are the hazardous components of this material.

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16) Cufix E stripper - is stored in an above ground tank near the copper masking line. The hazardous component is potassium carbonate.

8

Northern Trust Bank
620 Newport Center Drive, Suite 200
Newport Beach, California 92660
(949) 717-5500

Northern Trust

October 18, 2000

Ms. Mangulika Chakrabarti
RWQCB
320 W. 4th Street
Los Angeles, CA 90023

Re: Continental Heating Treating
10643 S. Norwalk Blvd., Santa Fe Springs

Dear Ms. Chakrabarti:

As you know Northern Trust Bank of California N.A. and J. Benjamin Hathaway act as Trustees of the Anna A. Hathaway Revocable Trust. The Trust is the landowner of the above referenced property and landlord to Continental Heat Treating. In accordance with our meeting of September 13, 2000 the intent of this letter is to provide the Trustees consent to having the Regional Water Quality Control Board act as lead governmental agency in the oversight of environmental issues involving this site.

Should you need any further information please feel free to contact me.

Sincerely,

Chip Graham

Chip Graham
Vice President
Trust Real Estate

cc: Joseph C. Obegi
James C. Stull, Continental Heat Treating
Chris Welsh
J. Benjamin Hathaway, Co-Trustee
Brenda Nelson, City of Santa Fe Springs, Fire Department
Pat Park

Northern Trust Bank of California N.A. is a wholly owned subsidiary of Northern Trust Corporation, Chicago. Member FDIC. Equal Housing Lender

RUN DATE: 04/12/1999
WASTELAN DATABASE DATE: 04/12/99
WASTELAN DATABASE TIME: 08:43:51
VERSION: 6.00

** PRODUCTION VERSION **
U.S. EPA SUPERFUND PROGRAM
WASTELAN
LIST-08 (Internal): SITE/RESPONSE ACTION LISTING
Region: 09

***** FOR INTERNAL USE ONLY *****

Sort: EPA ID
Program Area: Integrated

SITE ID	EPA ID NO.	SITE NAME / STREET / CITY / COUNTY CODE AND NAME / (ASSOCIATED NPL SITE) / (ASSOCIATED NPL ID)	STATE ZIP / CONG DIST.	OP UNIT	ACTION CODE, NAME	SEQ	ACTION QUALIFIER	ACTUAL START DATE	ACTUAL COMPLETE DATE	ACTION LEAD
Region: 09										
0905482	CAD095631719	CONTINENTAL HEAT TREATING 10643 SOUTH NORWALK BOULEVARD SANTA FE SPRINGS LOS ANGELES	CA							
				00	DS DISCVRY	001			05/01/1998	State (Fund)

RECEIVED
APR 2 2 1999
SFUND RECORDS CTR

EPA

Potential Hazardous Waste Site Preliminary Assessment Form

Identification

State: CA.

CERCLIS Number: CAD053858296

CERCLIS Discover Date: May 1, 1988

1. General Site Information

Name: Continental Heat Treating

Street: 10643 S. Norwalk Blvd.

City: Santa Fe Springs

State: CA

Zip Code: 90670

County: L.A.

Latitude: 33°56'0.9"

Longitude: 118°04'28.0"

Approximate Area of Site: 1.5 Acres; ____ Square Ft.

Status of Site: ☑ Active ☐ NA ☐ Inactive ☐ Not Specified

County Code:

Cong. Dist.:

2. Owner/Operator Information

Owner:	Operator:
Mr. Stall	
Street: 10643 Norwalk Blvd.	Street:
City: Santa Fe Springs	City:
State: CA; Zip Code: ; Telephone:	State: ; Zip Code: ; Telephone:

Type of ownership

☑ Private
☐ Federal Agency
☐ State
☐ Indian
☐ County
☐ Municipal
☐ Not Specified
☐ Other

How Initially Identified

☐ Citizen Complaint
☐ PA Petition
☐ State/Local Program
☐ RCRA/CERCLA Notification
☐ Federal Program
☐ Incidental
☐ Not Specified
☐ Other

3. Site Evaluator Information

Evaluator: Lori PARNASS

Agency/Organization: CAL/EPA Department of Toxic Substances

Date Prepared: 05/30/01

Street: 1011 N. Grandview Ave.

City: Glendale

State: CA.

Name of EPA or State Agency Contact:

Street:

City:

State:

Telephone:

4. Site Disposition (for EPA use Only)

Emergency Response/Removal Assessment Recommendations

☐ Yes
☑ No
☐ Date:

CERCLIS Recommendations:

☐ Higher Priority SI
☐ Lower Priority SI
☐ NFRAP
☐ RCRA
☐ Other
☐ Date:

Signature:

Names (typed)

Position:

CERCLIS Number:

5. General Site Characteristics

Predominant Land Uses Within 1 Mile of Site (Check all that apply):

- [x] Industrial
- [ ] Commercial
- [ ] Residential
- [ ] Forest/Fields
- [ ] Agriculture
- [ ] Mining
- [ ] DOD
- [ ] DOE
- [ ] DOI
- [ ] Other Federal Facility
- [ ] Other

Site Setting:

- [x] Urban
- [ ] Suburban
- [ ] Rural

Years of Operation:

Beginning Year 1969

Ending Year _____

[ ] Unknown

Type of Site Operations (Check all that apply):

- [x] Manufacturing
  - [ ] Lumber and Wood Products
  - [ ] Inorganic Chemicals
  - [ ] Plastic and/or Rubber Products
  - [ ] Paints, Varnishes
  - [ ] Industrial Organic Chemicals
  - [ ] Agricultural Chemicals (e.g., pesticides, fertilizers)
  - [ ] Miscellaneous Chemical Products (e.g., adhesives, explosives, ink)
  - [ ] Primary Metals
  - [ ] Metal Coating, Plating, Engraving
  - [ ] Metal Forging, Stamping
  - [ ] Fabricated Structural Metal Products
  - [ ] Electronic Equipment
  - [ ] Other Manufacturing
- [ ] Mining
  - [ ] Metals
  - [ ] Coal
  - [ ] Oil and Gas
  - [ ] Non-metalic Minerals
- [ ] Retail
- [ ] Recycling
- [ ] Junk/Salvage Yard
- [ ] Municipal Landfill
- [ ] Other Landfill
- [ ] DOD
- [ ] DOE
- [ ] DOI
- [ ] Other Federal Facility
- [ ] RCRA
  - [ ] Treatment, Storage, or Disposal
  - [ ] Large Quantity Generator
  - [ ] Small Quantity Generator
  - [ ] Subtitle D
    - [ ] Municipal
    - [ ] Industrial
  - [ ] "Converter"
  - [ ] "Protective Filer"
  - [ ] "Non- or Late Filer"
- [ ] Not Specified
- [ ] Other _____

Waste Generated:

- [x] Onsite
- [ ] Offsite
- [ ] Onsite and Offsite

Waste Deposition Authorized By:

- [ ] Present Owner
- [ ] Former Owner
- [ ] Present and Former Owner
- [ ] Unauthorized
- [ ] Unknown

Waste Accessible to the Public:

- [ ] Yes
- [x] No

Distance to Nearest Dwelling, School, or Workplace:

_____ Feet

6. Waste Characteristics Information

Source Type: (Check all that apply)	Source Waste Quantity (include units)	Tier *:
[ ] Landfill		
[ ] Surface Impoundment		
[ ] Drums		
[x] Tanks and non-Drum Containers		
[ ] Chemical Waste Pile		
[ ] Scrap Metal or Junk Pile		
[ ] Tailings Pile		
[ ] Trash Pile (open dump)		
[ ] Land Treatment		
[ ] Contaminated Ground Water Plume (unidentified source)		
[ ] Contaminated Surface Water/Sediment (unidentified source)		
[x] Contaminated Soil		
[ ] Other: _____		
[ ] No Sources		

* C = Constituent, W = Wastestream, V = Volume, A = Area

General Types of Waste (check all that apply):

- [ ] Metals
- [ ] Organics
- [ ] Inorganics
- [ ] Solvents
- [ ] Paints/Pigments
- [ ] Laboratory/Hospital Waste
- [ ] Radioactive Waste
- [x] Oily Waste
- [ ] Pesticides/Herbicides
- [ ] Acids/Bases
- [ ] Construction/Demolition Waste
- [ ] Municipal Waste
- [ ] Mining Waste
- [ ] Explosives
- [ ] Other

Physical State of Waste as Deposited (check all that apply):

- [ ] Solid
- [ ] Gas
- [x] Liquid
- [ ] Powder
- [ ] Sludge

CERCLIS Number:

7. Ground Water Pathway

Is Ground Water Used for Drinking Water Within 4 Miles:

☐ Yes
☐ No

Type of Drinking Water Wells Within 4 Miles (Check all that apply)

☐ Municipal
☐ Private
☐ None

Depth to Shallowest Aquifer:

_____ Feet

Karst Terrain/Aquifer Present:

☐ Yes
☐ No

Is There a Suspected Release To Ground Water:

☐ Yes
☐ No

Have Primary Target Drinking Water Wells Been Identified:

☐ Yes
☐ No

If Yes, Enter Primary Target Population:

_____ People

Nearest Designated Wellhead Protection Area:

☐ 0 - 1/4 Mile
☐ >1/4 Mile - 4 Miles
☐ None Within 4 Miles

List Secondary Target Population Served by Ground Water Withdrawn From:

0 - 1/4 Mile _____

> 1/4 - 1/2 Mile _____

> 1/2 - 1 Mile _____

> 1 - 2 Miles _____

> 2 - 3 Miles _____

> 3 - 4 Miles _____

Total Within 4 Miles _____

8. Surface Water Pathway

Type of Surface Water Draining Site and 15 Miles Downstream (Check all that apply)

☐ Stream ☐ River ☐ Pond ☐ Lake
☐ Bay ☐ Ocean ☐ Other_____

Shortest Overland Distance From Any Source to Surface Water:

_____ Feet

_____ Miles

Is There a Suspected Release to Surface Water:

☐ Yes
☐ No

Site is Located in:

☐ Annual - 10 yr Floodplain
☐ > 10 yr - 100 yr Floodplain
☐ > 100 yr - 500 yr Floodplain
☐ > 500 yr Floodplain

Drinking Water Intakes Located Along the Surface Water Migration Path:

☐ Yes
☐ No

Have Primary Target Drinking Water Intakes Been Identified:

☐ Yes
☐ No

If Yes, Enter Population Served by Primary Target Intakes:

_____ People

List All Secondary Target Drinking Water Water Intakes:

Name	Water Body	Flow (cfs)	Population Served

Total within 15 Miles _____

Fisheries Located Along the Surface Water Migration Path:

☐ Yes
☐ No

Have Primary Target Fisheries Been Identified:

☐ Yes
☐ No

List All Secondary Target Fisheries:

Waterbody/Fishery Name	Flow (cfs)

CERCLIS Number:

8. Surface Water Pathway (continued)

Wetlands Located Along the Surface Water Migration Path:

☐ Yes
☐ No

Have Primary Target Wetlands Been Identified:

☐ Yes
☐ No

List Secondary Target Wetlands:

Water Body	Flow (cfs)	Frontage Miles

Other Sensitive Environments Located Along the Surface Water Migration Path:

☐ Yes
☐ No

Have Primary Sensitive Environments Been Identified:

☐ Yes
☐ No

List Secondary Target Sensitive Environments:

Water Body	Flow (cfs)	Sensitive Environment Type

9. Soil Exposure Pathway

Are People Occupying or Attending School or Day Care on or Within 200 Feet of Areas of Known or Suspected Contamination:

☐ Yes
☐ No

If Yes, Enter total Resident Population:

_____ People

Number of Workers Onsite:

☐ None
☐ 1 - 100
☐ 101 - 1,000
☐ > 1,000

Have Terrestrial Sensitive Environments Been Identified on or Within 200 Feet of the Site.

☐ Yes
☐ No

If Yes, List Each Terrestrial Sensitive Environment:

_____
_____
_____

10. Air Pathway

Is There a Suspected Release to Air:

☐ Yes
☐ No

Enter Total Population on or Within:

Onsite _____

0 - 1/4 Mile _____

> 1/4 - 1/2 Mile _____

> 1/2 - 1 Mile _____

> 1 - 2 Miles _____

> 2 - 3 Miles _____

> 3 - 4 Miles _____

Total Within 4 Miles _____

Wetlands Located Within 4 Miles of the Site:

☐ Yes
☐ No

Other Sensitive Environments Located Within 4 Miles Of The Site:

☐ Yes
☐ No

List All Sensitive Environments Within 1/2 Mile of the Site:

Distance	Sensitive Environmental Type/Wetlands Area (acres)
Onsite	
0 - 1/4 Mile	
> 1/4 Mile - 1/2 Mile	

(3)

Fire Department
CITY OF SANTA FE SPRINGS

NATION-WIDE ALL AMERICA CITY AWARD WINNER

HEADQUARTERS FIRE STATION · (562) 944-9713 · FAX (562) 941-1817
11300 GREENSTONE AVE. · SANTA FE SPRINGS 90670-4619

Mr. Greg Holmes, Unit Chief
Site Mitigation Operations
Southern California Branch A
State Department of Toxic Substances Control
245 W. Broadway, Suite 350
Long Beach, CA 90802-4444

February 11, 1998

Dear Mr. Holmes:

SUBJECT: CONTINENTAL HEAT TREAT, 10643 S. NORWALK BOULEVARD, SANTA FE SPRINGS, CA 90670

"JALK FEE"/MOBIL LEASE SITE, IMMEDIATELY NORTH OF THE CONTINENTAL HEAT TREAT SITE, SANTA FE SPRINGS, CA 90670

The Santa Fe Springs Fire Department (SFSFD) has completed a preliminary review of data regarding both of the subject sites. Based on this review, the SFSFD has determined that halogenated volatile organic compound (HVOC) and other contamination is present on both of these sites, either in or constituting a significant threat to groundwater, as well as at levels exceeding soil contamination action levels. Cross-parcel soil contamination from the Jalk Fee site appears likely.

There appears to be a need for further assessment to determine the lateral and vertical extent of the contamination. Also, HVOC contamination above the MCL's in microgram quantities is demonstrated in groundwater beneath the Continental Heat Treat facility likely due to historic releases from a former degreasing tank.

In a recent telephone conversation, Steve Chase of the SFSFD discussed these sites with Mr. Joe Cully of your staff, and advised him that referral of these sites to your agency appeared to be appropriate. The sites have also been discussed with a representative of the Los Angeles Regional Water Quality Control Board.

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The SFSFD has enclosed a summary of the known data for your convenience, and requests that you keep this agency informed of your actions at these sites.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
SOUTHERN CALIFORNIA REGION

DEC 1 5 2000

RECEIVED

Should you have any questions about this matter, please contact Steve Chase of this office. He can be reached at (562) 944-9713.

Sincerely,

NORBERT P. SCHNABEL, FIRE CHIEF

David R. Klunk,
Director of Environmental Services

DK/sc

c: Mr. Dennis Dickerson, Executive Officer, Los Angeles Regional Water Quality Control Board, 101 Centre Plaza Drive, Monterey Park, CA 91754

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

Mr. Chris Welsh, Property Manager, 2130 Santiago Drive, Newport Beach , CA 92660

Mr. Tom Walker
Mobil Exploration and Producing U.S. Inc.
10735 S. Shoemaker Ave., Santa Fe Springs, CA 90670

Discussion of the Continental Heat Treat Contamination
February 2, 1998

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On the CHT side, this contamination was primarily PCE and was is clearly demonstrated around the site of the former degreaser which was centrally located inside the plant. The levels are in ug/Kg, maximum 130 ug/Kg in from an HSA soil sample @ 60' bgs. Soil samples were analyzed by EPA Method 8021.

Soil gas studies by EST using EPA method 8010/8020 also indicate PCE levels to approx. 3000 ug/Kg @ 15' on the west end of an oval-shaped laterally-contaminated area centered around the area of the former degreaser. On the east end of this zone, PCE is approximately 2000 ug/Kg @ 35' bgs. This is based on PCE conc'n in ug/Kg being approx. 1.4 X soil gas (SG) conc'ns in ug/L. These levels are under soil contamination action levels, but constitute a threat to groundwater (GW). 1st GW is approx. 65' bgs. Lithology is reported as including sandy silts, tight silty clays from 20' to 35' bgs, sandy silts , and silty clays again around 50' bgs, then medium sands to GW.

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Soil gas data around the CHT site shows the oval-shaped laterally contaminated zone, and probable PCE PCE levels from approx. 1100 ug/Kg @ 35' bgs to around 3000 ug/Kg @ 15' bgs, tending to have increased significantly with depth. Products such as vinyl chloride at 55 ug/L Kg @ 15' bgs, and cis-1,2 DCE at 124 ug/L @ 15', and t-1,2 DCE at 27 ug/L @ 15' bgs , along with the PCE contamination indicate historic PCE (and TCE) contamination. TCE was found at 156 ug/L @ 35' bgs. These findings were all in the oval-shaped area around the former degreaser.

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In conversations with Chris Welsh (CT), representing the Anne Hathaway Trust, which owns the land leased by CHT, CT showed the SFSFD site assessment data regarding the Hathaway property to the north, referred to as the "Mobil lease" or the "Jalk Fee (JF)" site, as it is known to the RWQCB. This data included maps by McLaren-Hart in 1994 prepared from soil borings, trenching , and "Geoprobe" methods.

These data clearly show extremely high concentrations of PCE in three locations of the JF site. One of these locations is "GP-15" with PCE at 27,000 mg/Kg (27,000,000 ug/Kg) , or approximately 3 % approximately 10' north of the CHT property line, and north of the "SG-14" location of EST. This data for "GP-15" shows the maximum PCE of 27,000 mg/Kg @ 10' bgs, which then reduces to only 0.25 mg/Kg @ 15' bgs, and 0.39 mg/Kg (390 ug/Kg) @ 48' bgs. This indicates lateral contamination of the CHT site from a PCE release on the JF side.

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In another area of the JF site, roughly 75' north of the NW corner of the CHT plant wall, the north rear of the plant, "GP-6" showed 55,000 mg/Kg (approx. 5%) PCE @ 15', but decreasing to only 22 ug./Kg @ 20' bgs. This finding as well as the other data indicates a high degree of PCE attenuation by soils.

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The demonstrated presence of sand at deeper depths indicates a potential for relatively rapid movement of GW across the site. The GW gradient is not clear. Also, the indicated clay/sily soil may not be continuous and could "leak" permitting easy vertical as well as lateral migration of HVOC;s and other contamination at depth. Therefore adequate characterization of significant cross-parcel PCE contamination could only be assessed by careful sampling of soils at all levels to 1st GW.

Boring CHT-B1 was completed as a SV well with nested probes @ 50' and 60' bgs, and as a SVE well to 45' bgs, not as a GW monitoring well. The well is plainly visible on the floor of the CHT shop. According to CHT's owner, James Stull, it has not been sampled since its installation.

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While PCE attenuation by clay soils is clearly indicated, the levels indicated on the JF site are well above recognized soil contamination action levels, and are a likely threat to public health and the environment at some time. Daughter products of PCE, and TCE, such as vinyl chloride, are at least as potentially dangerous.

A risk assessment based on presently-known contamination would probably report a relatively low shorter-term risk to GW or public health from the enormously high PCE levels in shallow soils at JF because of the lithological features, proximity to GW wells, and so on, and in fact the relative short-term risk of the known GW PCE contamination would likely be presented as greater. However, I feel it is unwise of the City of Santa Fe Springs to permit these extremely high levels of PCE to remain at the JF site. PCE is classified as a known carcinogen, and only degrades very slowly, and in time these concentrations will likely present a risk to the citizens of the City and the entire area through GW and/or other pathways, from PCE itself, and/or its daughter products.

Conclusion :

Since the SFSFD has insufficient authority at the present time to direct further site assessment or mitigation at the JF site, the shallow JF site soil contamination and known CHT soil contamination should be referred to the State Department of Toxic Substances Control (DTSC). The obvious threats to GW as well as known GW contamination should be referred again to the RWQCB. It was referred previously by the LA Co HMMD Site Mitigation Unit in June, 1997. It should be made clear that the SFSFD considers this PCE contamination to be a multi-parcel issue requiring a coordinated approach from the PRP's on the CHT and the JF sides.

The SFSFD should request immediate action to eliminate current and future risks to the public health including through GW pathways , as well as GW itself, from the known extremely high levels of PCE on the JF site. Such action will likely require soil removal and use of appropriate SVE other mitigation technologies as needed to control GW contamination from either of these sites.

Fire Department
CITY OF SANTA FE SPRINGS

NATION-WIDE ALL AMERICA CITY AWARD WINNER

HEADQUARTERS FIRE STATION · (562) 944-9713 · FAX (562) 941-1817
11300 GREENSTONE AVE. · SANTA FE SPRINGS 90670-4619

February 11, 1998

Mr. Greg Holmes, Unit Chief
Site Mitigation Operations
Southern California Branch A
State Department of Toxic Substances Control
245 W. Broadway, Suite 350
Long Beach, CA 90802-4444

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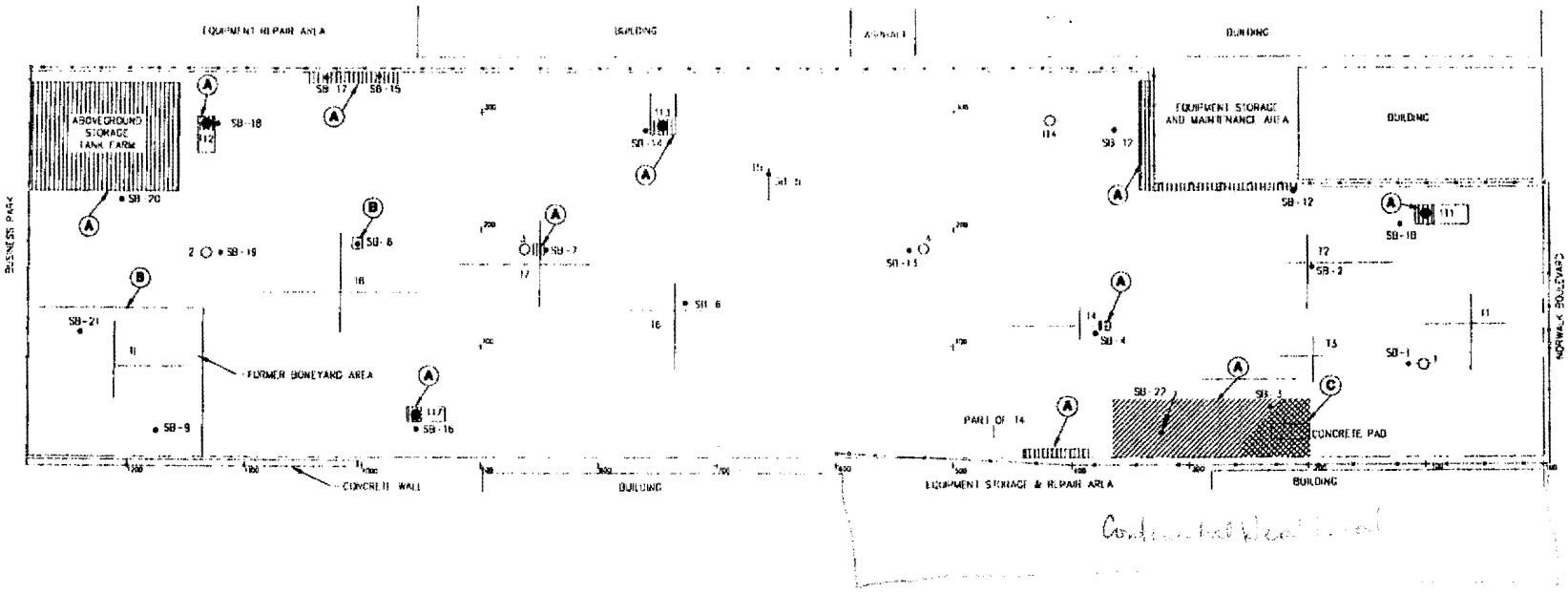

LEGEND

- T8 — APPROXIMATE LOCATION OF EXPLORATORY TEST PIT
- SB-16 ● SOIL BORING
- 117 ● OPERATIONAL OIL WELL
- 3 ○ ABANDONED OIL WELL
- APPROXIMATE LOCATION OF FORMER ABOVEGROUND STORAGE TANK FARM (BASED ON HISTORIC AERIAL PHOTOGRAPHS)
- 900 + SURVEYED MEASURED INTERVALS (100 FOOT)
- CHAIN LINK FENCE
- GATE
- APPROXIMATE AREAS WHERE TPH > 1,000 PPM
- LEAD > STLC (5 PPM)
- PCE AFFECTED SOIL (INCLUDING TPH > 1,000 PPM)

(A) APPROXIMATE AREAS OF TPH-AFFECTED SOILS ABOVE TYPICAL ACTION LEVELS (1,000 PPM TPH) REQUIRING REMEDIATION

(B) APPROXIMATE AREAS OF LEAD IN SOILS EXCEEDING STLC LIMITS

(C) APPROXIMATE AREA OF PCE-AFFECTED SOILS

NOTES: SOIL MAP MODIFIED FROM LEVINE FRICKE (1991b)
ALL AREA APPROXIMATIONS ARE BASED ON ANALYTICAL RESULTS.
AREA ESTIMATIONS CONCERNING ACTIVE OIL WELLS AND EXISTING TANK FARM ARE BASED ON VISUAL OBSERVATIONS FROM LEVINE FRICKE (1991b)

McLaren Hart

FIGURE 2
SITE LAYOUT
JACK LEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CA

DRAWING NUMBER
C9401005

Cal/EPA

Department of
Toxic Substances
Control

1011 N. Grandview Avenue
Glendale, CA 91201

December 23, 1996

Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Mr. Tom M. Walker
Mobil Exploration & Producing
U.S., Inc.
10735 South Shoemaker Avenue
Santa Fe Springs, CA 90670

Dear Mr. Walker:

MOBIL - JALK FEE PROPERTY, 10607 NORWALK BLVD., SANTA FE SPRINGS DOCKET NO. HSA 94/95-024

The Department of Toxic Substances Control (DTSC) has reviewed the submitted reports titled: Preliminary Endangerment Assessment (PEA) Equivalent by McLaren/Hart, dated September 9, 1996 and the Subsurface Soil Investigation by Levine-Fricke, dated December 6, 1991. These reports were submitted to document the hazardous substance characterization and cleanup actions taken at the subject Site. The Site known as the Jalk Fee Property is located at: 10607 Norwalk Boulevard, Santa Fe Springs, California. More specifically, the Site is defined as the 150 foot by 150 foot area of the property formerly known as the "boneyard". The "boneyard" is located in the southwestern corner of the 8.8 acre property. The Site is that small portion of the entire property identified by the Los Angeles County Tax Assessor as Parcel 008, Map No. 025, Book 8009. DTSC did not participate in the development of the workplans for these studies and did not provide field oversight of their implementation.

Pursuant to the information provided, the Site has been used as a gas production site. The reports indicate that soil sampling and analysis were conducted for the chemicals of concern: heavy metals (e.g. lead) and volatile organic compounds (e.g. perchloroethylene).

The contaminant concentrations present at the Site were evaluated pursuant to the PEA screening risk

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assessment and determined not to pose a threat to human health and the environment under a residential land use scenario.

Based upon DTSC's evaluation of the reports submitted, the Site does not appear to pose a threat to human health or the environment under a residential land use scenario. Please note that this determination only applies to the 150 foot X 150 foot section of the site known as the "boneyard". Therefore, DTSC determines that no further action is necessary with respect to investigation and remediation of hazardous substances at the "boneyard". As with any real property, if previously unidentified contamination is discovered at the Site, additional assessment, investigation and/or cleanup may be required.

If you have any questions regarding this determination, please contact Lori Parnass at (818) 551-2856 or me at (818) 551-2876.

Sincerely,

Hamid Saebfar, Chief
Site Mitigation Cleanup Operations
Southern California Branch A

JUN 27 1996

McLaren Hart®

ENVIRONMENTAL ENGINEERING CORPORATION

June 25, 1996

Lori Parnass
Project Manager
Department of Toxic Substances Control
Region 3
1011 N. Grandview Avenue
Glendale, CA 91201

RE: PROJECT STATUS FOR THE MOBIL - JALK FEE PROPERTY LEAD ISSUE (MCLAREN/HART PROJECT # 03.0601081.001.001)

Dear Ms. Parnass:

This letter is to inform the Department of Toxic Substances Control (DTSC) of the current project status of the Mobil - Jalk Fee property lead issue. Mobil has indicated they want a "No Further Action" (NFA) letter from the DTSC concerning the lead issue at the Mobil - Jalk Fee property. As indicated during our phone conversation on June 14, 1996, the DTSC requires a Preliminary Endangerment Assessment (PEA) be completed before the DTSC will provide any form of notification. At this time, Mobil requests to amend their existing PEA Agreement with the DTSC, dated February 17, 1995, to specifically cover only the 200 feet by 200 feet portion of the Jalk Fee property located in the southwest corner of the site. Mobil understands that by restricting the PEA to cover only the southwest corner of the site, the NFA letter concerning the lead issue would only apply for that specific portion of the site.

The chemicals of concern in the southwest portion of the site consist of only inorganic lead. According to the DTSC's PEA Guidance Document (p.2-19, section 8), the hazard to human health from lead has been determined through the Office of Scientific Affairs (OSA). The OSA has established that levels of inorganic lead concentrations less than 130 parts per million (ppm) in soil constitute acceptable human health risk. All soil >130 ppm has been excavated and transported off-site to La Paz County Landfill (a BFI, Inc. landfill) in Parker, Arizona. Since the potential hazard from lead no longer exists, portions of the PEA Guidance Document will not be applicable and will be noted as such.

G:\M\MOBIL\0601081\DTSC3.LTR

16755 Von Karman Avenue, Irvine, CA 92714 (714) 756-2667 FAX (714) 756-8460

recycled paper

Finally, due to the safety concerns, Mobil intends to initiate backfilling and compaction activities as soon as possible. McLaren/Hart has scheduled these activities to commence the week of July 8, 1996. Please notify us of a date and time, prior to July 8, which would be convenient for you to observe the excavation and review the data collected to date.

McLaren/Hart appreciates your attention to this project. If you have any questions regarding this issue, please contact Tabb Bubier at (714)-752-3204 or Everett Ferguson at (714) 752-3213.

Sincerely,

Tabb Bubier
Supervising Geoscientist

Everett Ferguson Jr.
Associate Geoscientist

cc: Manny Galaviz, Mobil

G:\M\MOBIL\0601081\DTSC3.LTR

Department of Toxic Substances Control
CALSITES PROFILE REPORT

19130098 MOBIL OIL/JALK FEE
10607 NORWALK BOULEVARD
SANTA FE SPRINGS CA 90670

Region 3
County LOS ANGELES
Branch SOUTHERN CA. - A

Status: 12/23/1996 - NO FURTHER ACTION FOR DTSC
Lead: DEPT OF TOXIC SUBSTANCES CONTROL
Type: VOLUNTARY CLEANUP PROGRAM
NPL: N/A
Tier: Oversight Reimbursement: N/A
Cortese: Hazard Ranking Score:
Senior: SAMIREBR Staff: LPARNASS
SIC: OIL & GAS EXTRACTION
Assembly District: 58 Senate District: 30

*** COMMITMENT INFORMATION ***

Act	Desc	Original Commitment	New/Revise Commitment	Date Completed
SS		/ /	/ /	10/28/1993
ORDER	VCP	/ /	/ /	03/06/1995
PEA	VCP	/ /	/ /	12/23/1996

*** IDENTIFICATION INFORMATION ***

RWQCB Region: LOS ANGELES
File Name: MOBIL OIL CORPORATION

Associated IDs:

Alternate Names:
JALK FEE PROPERTY
MOBIL FOUNDATION, INC.

Alternate Addrs:

Lat/Long:
Method:
Description:

*** SPECIAL CHARACTERISTICS ***

GW CONTAMINATION SUSPECTED 0 SOURCES

*** OPERATIONAL METHODS ***

19130098 MOBIL OIL/JALK FEE
10607 NORWALK BOULEVARD
SANTA FE SPRINGS CA 90670

Region 3
County LOS ANGELES
Branch SOUTHERN CA. - A

INJECTION WELL
STORAGE
TREATMENT
GENERATOR

*** POTENTIAL/CONFIRMED HAZARDOUS WASTES ***

HALOGENATED ORGANIC COMPOUNDS
MERCURY
LEAD
CONTAMINATED SOIL
OTHER ORGANIC SOLIDS
ORGANIC SOLIDS WITH HALOGENS
UNSPECIFIED ORGANIC LIQUID MIXTURE
ORGANIC LIQUIDS WITH METALS
ORGANIC LIQUIDS (NONSOLVENTS) WITH HALOGENS
UNSPECIFIED OIL CONTAINING WASTE
WASTE OIL & MIXED OIL
UNSPECIFIED SOLVENT MIXTURES
HYDROCARBON SOLVENTS
OXYGENATED SOLVENTS
HALOGENATED SOLVENTS

*** SITE SPECIFIC DESCRIPTION ***

L.A. County Tax Assessor parcel 008, map 025, book 8009, area 150 ft X 150 ft. Soil at the site is contaminated with crude oil, heavy metals (Pb, Zn, Hg), and chlorinated hydrocarbons (PCE, TCE, and 1,2-DCE) at levels exceeding regulatory limits.

*** CURRENT AND PLANNED SITE ACTIVITIES ***

The Preliminary Endangerment Assessment Report has been submitted. Revisions are pending.

*** PROJECT COMPLETION ESTIMATES ***

*** COMMENTS ***

10/28/1993
The Department received a notification from PRP alleged that the site's soil contamination originated from an off-site source, Continental Heat Treating, Inc.. Soil at the site

19130098 MOBIL OIL/JALK FEE
10607 NORWALK BOULEVARD
SANTA FE SPRINGS CA 90670

Region 3
County LOS ANGELES
Branch SOUTHERN CA. - A

---

is contaminated with crude oil; heavy metals such as lead, mercury, and zinc; and chlorinated hydrocarbons such as PCE, TCE, and 1,2-DCE. Sample results indicate that the concentration of these contaminants exceeding regulatory limits. Due to the evidence of contamination onsite, the Department recommends a PEA.

03/31/1994
Remedial Action Plan submitted to the Department.

07/01/1994
Negotiation for a Voluntary Cleanup Agreement is on progress.

02/15/1995
Tom Walker (310) 903-2725, 3 separate sites:
1) crude oil - RWQCB lead
2) heavy metal/lead - PEA with DTSC, in negotiations
3) PCE - LACFDHHMD lead, determining if Continental Heat Treating is PRP, in process

03/06/1995
The Department entered into a Preliminary Endangerment Assessment Agreement for the "Jalk Fee Property".

12/23/1996
The PEA Equivalent documented characterization and cleanup conducted between 1991 and 1996. DTSC determined that based on the data presented, "no further action" is required on the "Boneyard" Mobile/Jalk Fee Site, and the hazardous materials remaining do not constitute a threat to human health or the environment.

City of Santa Fe Springs • Certified Unified Program Agency

ACTIVITY DECLARATION

27

I. FACILITY IDENTIFICATION

FACILITY ID # 1	EPA ID # CAD053858296 2
DBA/FACILITY NAME Continental Heat Treating, Inc. 3	
SITE ADDRESS 10643 S. Norwalk Blvd., Santa Fe Springs, CA 90670 104	

II. ACTIVITIES DECLARATION

If your facility does any of the following activities: ▸ Submit Facility Information Form and any of the following applicable form(s)

Does Your Facility...		If Yes, Please Complete...
A. HAZARDOUS MATERIALS Have hazardous materials stored onsite (for any purpose) at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids stored in aboveground and underground storage tanks) ?	4 ☒YES ☐NO	▸ CHEMICAL DESCRIPTION FORM (OES Form 2731) ▸ CONSOLIDATED CONTINGENCY PLAN (format not included) ▸ TRAINING PLAN (format not included)
B. REGULATED SUBSTANCES (RS) Have Regulated Substances stored onsite (RS) at greater than the threshold planning quantities established by the California Accidental Release Prevention program (Cal/ARP) ?	5 ☒YES ☐NO	▸ CHEMICAL DESCRIPTION FORM (OES Form 2731) ▸ REGULATED SUBSTANCE REGISTRATION FORM (OES Form 2735.6) ▸ CONTINGENCY PLAN (format not included) ▸ TRAINING PLAN (format not included)
C. UNDERGROUND STORAGE TANKS 1. Own or operate underground storage tanks (UST) ? 2. Intend to upgrade existing or install new USTs ?	6 ☐YES ☒NO 7 ☐YES ☒NO	▸ UST FACILITY FORM ▸ UST TANK FORM (one per tank) ▸ UST INSTALLATION FORM (one per tank)
D. TANK CLOSURE / REMOVAL 1. Need to report closing a UST that held hazardous materials or waste? 2. Need to report the closing/removal of a tank that was itself classified as hazardous waste?	8 ☐YES ☒NO 9 ☐YES ☒NO	▸ UST TANK FORM (closure section-one per tank) ▸ UST CLOSURE FORM (format not included)
E. ABOVE GROUND PETROLEUM STORAGE TANKS (APSTs or ASTs) Own or operate ASTs above these thresholds; any tank capacity is greater than 650 gallons or the total capacity for the facility is greater than 1,320 gallons	10 ☐YES ☒NO	▸ No form is required at this time. However, if you answered yes, prepare and maintain an SPCC plan as part of your contingency plan to address oil spills and releases from the AST(s) at your facility."
F. HAZARDOUS WASTE: 1. Generate hazardous waste?	11 ☒YES ☐NO	▸ EPA ID number - provide on this page ▸ WASTE GENERATOR FORM (Santa Fe Springs)
2. Recycle more than 100 kg/mo of recyclable materials at the same location it was generated?	12 ☒YES ☐NO	▸ RECYCLABLE MATERIALS FORM
3. Recycle more than 100 kg/mo of recyclable materials at an offsite location different from the point of generation?	13 ☐YES ☒NO	
4. Treat Hazardous Waste on site?	☐YES ☒NO 14	▸ TIERED PERMITTING FACILITY FORM ▸ TIERED PERMITTING UNIT FORM (one per unit)
5. Subject to Financial Assurance Requirement?	☐YES ☒NO 15	▸ CERTIFICATION OF FINANCIAL ASSURANCE
6. Consolidate Hazardous Waste generated at a remote site?	16 ☐YES ☒NO	▸ REMOTE WASTE / CONSOLIDATION SITE NOTIFICATION FORM
G. INDUSTRIAL WASTE/RELEASE REPORT: 1. Store, treat, or discharge any liquid waste into the public sewer system or storm drains other than domestic waste water from restrooms ?	17 ☒YES ☐NO	▸ Contact Santa Fe Springs Industrial Waste Engineer at 562-944-9713 to determine permit requirements.
2. Are you aware of any hazardous material releases at your facility?	18 ☒YES ☐NO	▸ Submit a Preliminary Remediation Assessment if required by the Santa Fe Springs Fire Department.

OFFICIAL USE ONLY

DATE REC'D	HW	HM	ARP	AST	UST	TP	IW

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FACILITY INFORMATION (OES 2730)

☐ NEW BUSINESS ☐ OUT OF BUSINESS XX REVISE/UPDATE (EFFECTIVE Aug. 1, 2000) PAGE 2 OF 25 102

FACILITY ID # 1	CALENDAR YEAR BEGINNING 100 Jan. 1, 2000	ENDING 101 Dec. 31, 2000	
BUSINESS NAME 3 Continental Heat Treating, Inc.		BUSINESS PHONE 103 562-944-8808	
SITE ADDRESS 104 10643 S. Norwalk Blvd.	CITY 105 Santa Fe Springs	CA	ZIP CODE 106 90670
DUN & BRADSTREET 107 NA	LOS ANGELES 109	SIC CODE 108 3398	
OPERATOR NAME 110 Jim C. Stull		OPERATOR PHONE 111 562-944-8808	

OWNER INFORMATION

OWNER NAME (First Name, Last Name) 112		OWNER PHONE 113	
OWNER MAILING ADDRESS 114	CITY 115	STATE 116	ZIP CODE 117

ENVIRONMENTAL CONTACT

CONTACT NAME (First Name, Last Name) 118		CONTACT PHONE 119	
CONTACT MAILING ADDRESS 120	CITY 121	STATE 122	ZIP CODE 123

EMERGENCY CONTACT

PRIMARY		SECONDARY	
NAME (First Name, Last Name)	Dennis Hugie 124	NAME (First Name, Last Name)	Ray Cross 129
TITLE	Production Manager 125	TITLE	Maintenance 130
BUSINESS PHONE	562-944-8808 126	BUSINESS PHONE	562-944-8808 131
24-HOUR-PHONE	562-697-0903 127	24-HOUR-PHONE	909-674-1529 132
PAGER #	128	PAGER #	133

REGULATED SUBSTANCES (RS)

ON-SITE RS ☒ YES ☐ NO 5 | If yes, and at or above Threshold Quantities, fill out Regulated Substance Registration (OES Form 2735.6)

MAILING/BILLING INFORMATION

ADDRESS 150		
CITY 151	STATE 152	ZIP CODE 153

CERTIFICATION

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this inventory and believe the information is true, accurate, and complete.

Robert W. Schneider 135	Jim C. Stull 136	General Manager 138
NAME OF DOCUMENT PREPARER (Print First Name, Last Name)	NAME OF OWNER/OPERATOR (Print First Name, Last Name)	TITLE
33-0206111	137	139
TAX ID# OR SOC SEC #	SIGNATURE OF OWNER/OPERATOR	DATE

OFFICIAL USE ONLY

DATE REC'D	HW	HM	ARP	AST	UST	TP

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REGULATED SUBSTANCE REGISTRATION (OES 2735.6)

THIS FORM IS TO BE COMPLETED FOR A STATIONARY SOURCE THAT HANDLES A REGULATED SUBSTANCE (RS) IN A PROCESS AT OR ABOVE THE THRESHOLD QUANTITY. REGULATED SUBSTANCES (WHICH INCLUDE EXTREMELY HAZARDOUS SUBSTANCES IN CALIFORNIA) MUST BE REGISTERED FOR THE PURPOSE OF COMPLYING WITH THE CALIFORNIA ACCIDENTAL RELEASE PREVENTION PROGRAM (CalARP). THE OWNER OR OPERATOR SHALL COMPLETE A SINGLE REGISTRATION FOR EACH REGULATED SUBSTANCE PER PROCESS. A LIST OF REGULATED SUBSTANCES IS INCLUDED IN THIS PACKAGE.

BUSINESS NAME: Continental Heat Treating, Inc.	3	FACILITY ID#	1
U.S. EPA ID#: CAD053858296	2	NUMBER OF FT EMPLOYEES: 46	350
PROGRAM LEVEL: ☐ 1 ☒ 2 ☐ 3	351		
NAME OF CORPORATE PARENT COMPANY: NA	352	DUN & BRADSTREET: NA	353
PERSON RESPONSIBLE FOR RMP (First Name, Last Name): Jim Stull	354	TITLE: General Manager	355
LATITUDE: 33 - 53 - 20	356	LONGITUDE: 118 - 4 - 22	357
PROCESS SIC: 3398	358		
IS FACILITY SUBJECT TO 29CFR 1910.119/CCR 8 SEC 5189(PSM) ? ☐ YES ☒ NO	359	DOES THE PROCESS REQUIRE A CAA TITLE V OPERATING PERMIT ? ☐ YES ☒ NO	360
IS SUBSTANCE LISTED IN 40 CFR 355 APPENDIX A (EHS)? Yes	361	LAST SAFETY INSPT: AGENCY DATE	362

PROCESS DESCRIPTION: 303

Anhydrous ammonia is used during the heat treating processes at the facility to perform carbonnitriding and nitriding on the surface of metal parts being processed.

PRINCIPAL EQUIPMENT 363

The anhydrous ammonia is stored in a 1000 gal. above ground tank. The ammonia is draw through a piping system and a manifold flow meter directly into heat treat furnaces where it is consumed.

CERTIFICATION

I, the owner or operator of the aforementioned business, hereby certify that the registration information provided above is true, accurate, and complete to the best of my knowledge, based upon reasonable inquiry. I am fully aware that this certification, executed on the date indicated below, is made under penalty of perjury under the laws of the State of California.

OWNER/OPERATOR NAME James C. Stull	300	OWNER/OPERATOR TITLE General Manager	301
OWNER/OPERATOR SIGNATURE		DATE EXECUTED	302

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HAZARDOUS WASTE GENERATOR

BUSINESS NAME: Continental Heat Treating, Inc. 3		CAL EPA ID #: CAD053858296 2	
SITE ADDRESS 10643 S. Norwalk Blvd. 104	CITY Santa Fe Springs 105	CA	ZIP CODE 106 90670
FACILITY ID # 1	NO OF EMPLOYEES: 46 901	FED EPA ID #: CAD053858296 900	

I. TYPE OF GENERATOR

PLEASE CHECK THE FOLLOWING GENERATOR CATAGORY THAT APPLIES TO THIS FACILITY:

☒ **RCRA GENERATOR :** 902
- ☒ SMALL QUANTITY GENERATOR - SQG (>100 KG BUT <1000 KG RCRA HAZARDOUS WASTE PER MONTH)
- ☐ LARGE QUANTITY GENERATOR - LQG (>1000 KG RCRA HAZARDOUS WASTE PER MONTH)

☐ **NON RCRA GENERATOR:** 903
- ☐ CALIFORNIA WASTE ONLY
- ☐ < 100 KG RCRA HAZARDOUS WASTE PER MONTH

II. WASTE STREAM IDENTIFICATION

PLEASE COMPLETE THE TABLE BELOW. SEE INSTRUCTIONS FOR CODES AND EXPLANATION:

PROCESS 905	WASTE DESCRIPTION 906	WASTE ID 907	AMT/YR 908	STORAGE METHOD 909	DISPOSAL METHOD 910
Heat Treating	Waste Quench Oil	221	2400 gal	A	D
Shop Clean up	Oil contaminated waste	223	2100 lb	A	D
Copper Plating	Sludge containing copper	F006 171	330 gal.	A	D
Alkaline Cleaing	Spent Alkaline Cleaning Solution	D002 122	300 gal	A	D

I certify that the information provided herein is true and accurate to the best of my knowledge.

NAME (First Name, Last Name) James C. Stull 911 TITLE General Manager 912

SIGNATURE _____ DATE _____ 913

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DATE REC'D	REVIEWED BY	COMMENTS

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RECYCLABLE MATERIALS

(Complete only if facility is claiming a recycling exemption or exclusion)

REPORTING PERIOD 4/1/99 - 6/30/00

I. FACILITY IDENTIFICATION

DBA/FACILITY NAME	3	FACILITY ID #	1
Continental Heat Treating, Inc.			

II. GENERATOR OF RECYCLABLE MATERIAL

1. Do you operate a solvent / antifreeze recycling unit and return the recyclable material to the site of generation? (If YES, then you may be subject to local reporting exemptions) ☐ YES ☒ NO — 509

2. Is the recyclable material oily waste, used oil, or spent nonhalogenated solvent generated in the course of oil or gas exploration and received through a common pipeline? ☐ YES ☒ NO — 510

GENERATOR OF RECYCLABLE MATERIAL 511: Continental Heat Treating, Inc.

OFF-SITE GENERATOR EPA ID 512:

STREET ADDRESS 513:

CITY	514	STATE	515	ZIP CODE	516	PHONE	517

III. RECYCLING MATERIALS DESCRIPTION (complete one per material recycled)

COMMON NAME (RECYCLABLE MATERIAL) 206: Contaminated rinse water

EXEMPTION OR EXCLUSION SECTION(S) OF LAW (HSC 25143.2) 518: HSC 25143.2 (b)(3)

RECYCLABLE MATERIAL PROCESS DESCRIPTION 519: Copper plating line rinses.

PRODUCT 1 520: Process water

PRODUCT 2 521:

COMMON NAME (RECYCLABLE MATERIAL) 206:

EXEMPTION OR EXCLUSION SECTION(S) OF LAW (HSC 25143.2) 518:

RECYCLABLE MATERIAL PROCESS DESCRIPTION 519:

PRODUCT 1 520:

PRODUCT 2 521:

IV. DOCUMENTATION OF KNOWN MARKET

✓ For recyclable materials generated offsite, please attach documentation of known market for disposition of the recyclable materials and any products manufactured from the recyclable material.

V. RECYCLABLE MATERIALS USED TO MAKE OR SUBSTITUTE FOR A PRODUCT

(complete only if recyclable materials used to make or substitute for a product)

DESCRIPTION OF BENEFICIAL USE OF RECYCLABLE MATERIAL 522:

VI. CERTIFICATION SECTION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are substantial penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

James C Stull	523		General Manager	524		525
OWNER/OPERATOR NAME (print)		SIGNATURE		TITLE		DATE

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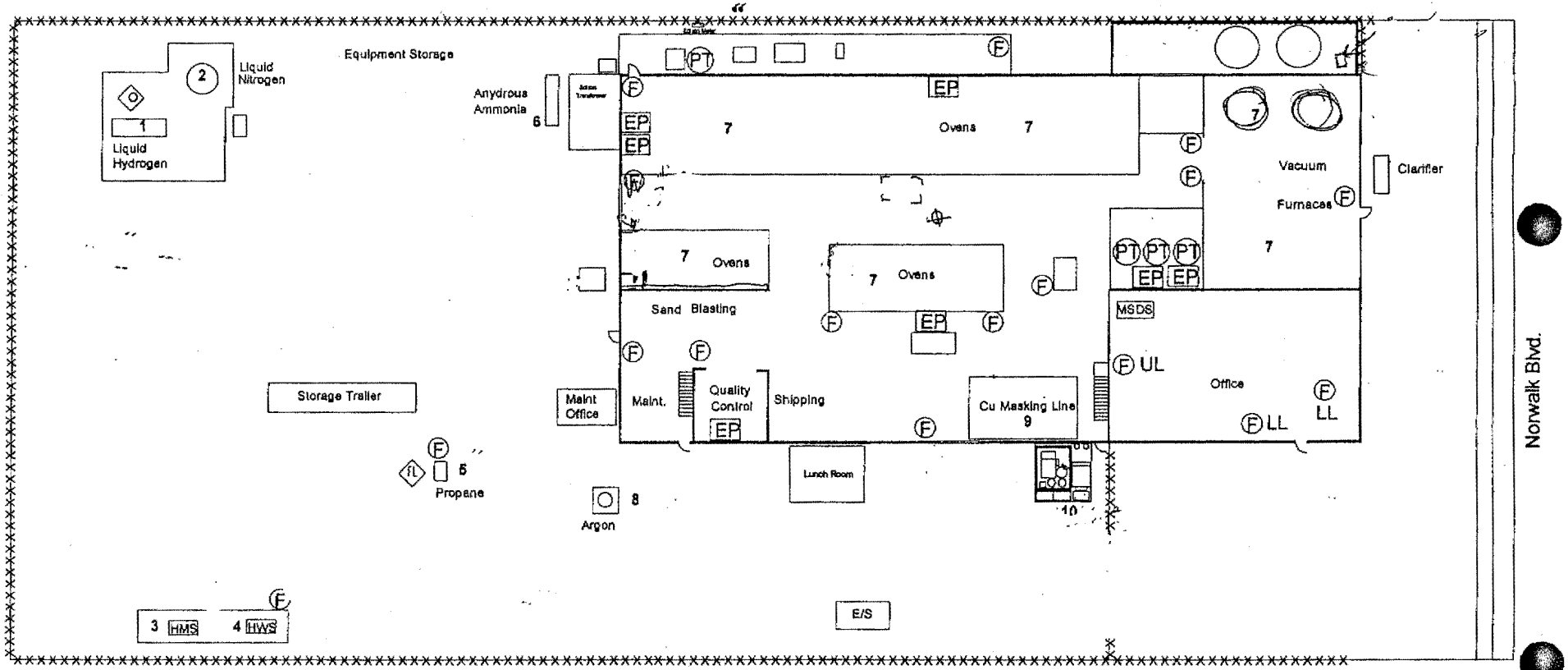
DATE REC'D	REVIEWED BY	COMMENTS

1 = Hydrogen Tank
2 = Nitrogen Tank
3 = Hazardous Materials Storage
4 = Hazardous Waste Storage
5 = Propane Tank
6 = Anhydrous Ammonia Tank
7 = Heat Treating Area
8 = Argon Tank
9 = Plating Line
10 = Chemical Storage



N

F = Fire Extinguisher
EP = Electrical Panel
PT = Pressure Tank

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

50'
Scale

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City of Santa Fe Springs • Certified Unified Program Agency

CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 7 OF 25 102

BUSINESS NAME Continental Heat Treating, Inc.			3
CHEMICAL LOCATION Outside building by cooling towers			201
MAP # 202	GRID # 203	FACILITY ID# / /	1
CHEMICAL NAME 204		TRADE SECRET ☐ YES ☐ NO	205
COMMON NAME Supertrex 206		* REGULATED SUBSTANCE (RS) ☐ YES ☒ NO	207
CAS # 208		* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES			209
TYPE ☐ PURE ☒ MIXTURE ☐ WASTE 210	RADIOACTIVE ☐ YES ☒ NO 211	CURIES	212
PHYSICAL STATE ☐ SOLID ☒ LIQUID ☐ GAS			213
FEDERAL HAZARD CATEGORIES ☐ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH			214
STATE WASTE CODE 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT 110	216
DAYS ON SITE 365 217	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT 55	219
LARGEST CONTAINER 55 220		ANNUAL WASTE AMOUNT	221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☐ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☒ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 8 OF 25 102

BUSINESS NAME: Continental Heat Treating, Inc.	3
CHEMICAL LOCATION: Outside the building on the west side,location 6.	201
MAP # 202	GRID # 203	FACILITY ID# 1 / /
CHEMICAL NAME: Anhydrous Ammonia 204	TRADE SECRET 205 ☐ YES ☒ NO
COMMON NAME 206	* REGULATED SUBSTANCE (RS) 207 ☒ YES ☐ NO
CAS #: 7664-41-7 208	* If YES, all amounts must be in pounds
FIRE CODE HAZARD CLASSES 209	
TYPE 210: ☒ PURE ☐ MIXTURE ☐ WASTE	RADIOACTIVE 211: ☐ YES ☒ NO	CURIES 212
PHYSICAL STATE 213: ☐ SOLID ☒ LIQUID ☐ GAS	
FEDERAL HAZARD CATEGORIES 214: ☐ FIRE ☐ REACTION ☒ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH	
STATE WASTE CODE 215	UNITS * 218: ☐ GAL ☐ CU FT ☒ LBS ☐ TONS	MAX DAILY AMOUNT: 4502 216
DAYS ON SITE: 365 217	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT: 2251 219
LARGEST CONTAINER: 4502 220		ANNUAL WASTE AMOUNT 221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☒ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE 223: ☐ AMBIENT ☒ ABOVE AMBIENT ☐ BELOW AMBIENT

STORAGE TEMPERATURE 224: ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 9 OF 25 102

BUSINESS NAME Continental Heat Treating, Inc.			3
CHEMICAL LOCATION Outside building, southwest side, location 8.			201
MAP # 202	GRID # 203	FACILITY ID# / /	1
CHEMICAL NAME Argon 204		TRADE SECRET ☐ YES ☒ NO	205
COMMON NAME 206		* REGULATED SUBSTANCE (RS) ☐ YES ☒ NO	207
CAS # 744-37-1 208		* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES			209
TYPE ☒ PURE ☐ MIXTURE ☐ WASTE 210	RADIOACTIVE ☐ YES ☒ NO 211	CURIES 212	
PHYSICAL STATE ☐ SOLID ☒ LIQUID ☐ GAS			213
FEDERAL HAZARD CATEGORIES ☐ FIRE ☐ REACTION ☒ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH			214
STATE WASTE CODE 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT 500	216
DAYS ON SITE 365 217	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT 250	219
LARGEST CONTAINER 500 220		ANNUAL WASTE AMOUNT	221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☒ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☐ AMBIENT ☒ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☐ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☒ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 10 OF 25 102

BUSINESS NAME Continental Heat Treating, Inc.			3
CHEMICAL LOCATION Outside building, southwest corner of property, location 3			201
MAP # 202	GRID # 203	FACILITY ID# / /	1
CHEMICAL NAME 204		TRADE SECRET ☐ YES ☒ NO	205
COMMON NAME Cerfa-Kleen 5380 206		* REGULATED SUBSTANCE (RS) ☐ YES ☒ NO	207
CAS # 208		* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES			209
TYPE ☐ PURE ☒ MIXTURE ☐ WASTE 210	RADIOACTIVE ☐ YES ☒ NO 211	CURIES	212
PHYSICAL STATE ☐ SOLID ☒ LIQUID ☐ GAS			213
FEDERAL HAZARD CATEGORIES ☐ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH			214
STATE WASTE CODE 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT 55	216
DAYS ON SITE 365 217	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT 30	219
LARGEST CONTAINER 55 220		ANNUAL WASTE AMOUNT	221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☐ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☒ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

	% WT	HAZARDOUS COMPONENT	RS *	CAS #
1	10 225	Triethanolamine 226	☐ YES ☒ NO 227	102-71-6 228
2	229	230	☐ YES ☐ NO 231	232
3	233	234	☐ YES ☐ NO 235	236
4	237	238	☐ YES ☐ NO 239	240
5	241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 11 OF 25 102

BUSINESS NAME: Continental Heat Treating, Inc.	3
CHEMICAL LOCATION: Outside building, northwest corner of property, location 1.	201
MAP # 202	GRID # 203	FACILITY ID# 1 ___ / ___ / ___
CHEMICAL NAME: Hydrogen 204	TRADE SECRET 205 ☐ YES ☒ NO
COMMON NAME 206	* REGULATED SUBSTANCE (RS) 207 ☐ YES ☒ NO
CAS #: 1333-74-0 208	* If YES, all amounts must be in pounds
FIRE CODE HAZARD CLASSES 209	
TYPE 210 ☒ PURE ☐ MIXTURE ☐ WASTE	RADIOACTIVE 211 ☐ YES ☒ NO	CURIES 212
PHYSICAL STATE 213 ☐ SOLID ☒ LIQUID ☐ GAS	
FEDERAL HAZARD CATEGORIES 214 ☒ FIRE ☐ REACTION ☒ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH	
STATE WASTE CODE 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT 216: 2500
DAYS ON SITE 217: 365		AVG DAILY AMOUNT 219: 1250
LARGEST CONTAINER 220: 2500	* If Regulated Substance, amount must be reported in pounds.	ANNUAL WASTE AMOUNT 221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☒ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☐ AMBIENT ☒ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☐ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☒ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 12 OF 25 102

BUSINESS NAME Continental Heat Treating, Inc.			3
CHEMICAL LOCATION Outside building, southwest corner of property, location 3			201
MAP # 202	GRID # 203	FACILITY ID# 1 ___/___/___	
CHEMICAL NAME 204		TRADE SECRET ☐ YES ☒ NO 205	
COMMON NAME Kendall Super DS 15W40 206		* REGULATED SUBSTANCE (RS) ☐ YES ☒ NO 207	
CAS # 208		* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES 209			
TYPE 210 ☐ PURE ☒ MIXTURE ☐ WASTE	RADIOACTIVE 211 ☐ YES ☒ NO	CURIES 212	
PHYSICAL STATE 213 ☐ SOLID ☒ LIQUID ☐ GAS			
FEDERAL HAZARD CATEGORIES 214 ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH			
STATE WASTE CODE 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT 55 216	
DAYS ON SITE 365 217	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT 30 219	
LARGEST CONTAINER 55 220		ANNUAL WASTE AMOUNT 221	

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☐ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☒ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

	% WT	HAZARDOUS COMPONENT	RS *	CAS #
1	80 225	Heavy Para Petroleum Oil 226	☐ YES ☒ NO 227	64741-88-4 228
2	10 229	Amide Borate 230	☐ YES ☒ NO 231	84605-20-9 232
3	10 233	Ethylene Propylene Copolymer 234	☐ YES ☒ NO 235	9010-79-1 236
4	237	238	☐ YES ☐ NO 239	240
5	241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 13 OF 25 102

BUSINESS NAME Continental Heat Treating, Inc.			3
CHEMICAL LOCATION Outside building, northwest corner of property, location 2.			201
MAP # 202	GRID # 203	FACILITY ID# / / 1	
CHEMICAL NAME Liquid Nitrogen 204		TRADE SECRET ☐ YES ☒ NO 205	
COMMON NAME 206		* REGULATED SUBSTANCE (RS) ☐ YES ☒ NO 207	
CAS # 7727-37-9 208		* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES 209			
TYPE 210 ☒ PURE ☐ MIXTURE ☐ WASTE	RADIOACTIVE 211 ☐ YES ☒ NO	CURIES 212	
PHYSICAL STATE 213 ☐ SOLID ☒ LIQUID ☐ GAS			
FEDERAL HAZARD CATEGORIES 214 ☐ FIRE ☐ REACTION ☒ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH			
STATE WASTE CODE 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT 9000 216	
DAYS ON SITE 365 217	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT 4500 219	
LARGEST CONTAINER 9000 220		ANNUAL WASTE AMOUNT 221	

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☒ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☐ AMBIENT ☒ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☐ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☒ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 14 OF 25 102

BUSINESS NAME Continental Heat Treating, Inc.			3
CHEMICAL LOCATION Outside building, southwest corner of property, location 3			201
MAP # 202	GRID # 203	FACILITY ID# 1 / /	
CHEMICAL NAME Lubricating Base Stocks 204		TRADE SECRET ☐ YES ☒ NO 205	
COMMON NAME MVP Supervac Lub. Oil 206		* REGULATED SUBSTANCE (RS) ☐ YES ☒ NO 207	
CAS # 64742-54-4 208		* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES 209			
TYPE 210 ☒ PURE ☐ MIXTURE ☐ WASTE	RADIOACTIVE 211 ☐ YES ☒ NO	CURIES 212	
PHYSICAL STATE ☐ SOLID ☒ LIQUID ☐ GAS 213			
FEDERAL HAZARD CATEGORIES ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH 214			
STATE WASTE CODE 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT 220 216	
DAYS ON SITE 365 217	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT 110 219	
LARGEST CONTAINER 55 220		ANNUAL WASTE AMOUNT 221	

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☐ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☒ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

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BUSINESS NAME Continental Heat Treating, Inc.			3
CHEMICAL LOCATION Outside building, southwest corner of property, location 4			201
MAP # 202	GRID # 203	FACILITY ID# 1 / /	
CHEMICAL NAME 204		TRADE SECRET ☐ YES ☒ NO	205
COMMON NAME Oil contaminated waste 206		* REGULATED SUBSTANCE (RS) ☐ YES ☒ NO	207
CAS # 208		* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES			209
TYPE ☐ PURE ☐ MIXTURE ☒ WASTE 210	RADIOACTIVE ☐ YES ☒ NO 211	CURIES 212	
PHYSICAL STATE ☒ SOLID ☐ LIQUID ☐ GAS			213
FEDERAL HAZARD CATEGORIES ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH			214
STATE WASTE CODE 223 215	UNITS * 218 ☐ GAL ☐ CU FT ☒ LBS ☐ TONS	MAX DAILY AMOUNT 700	216
DAYS ON SITE 365 217	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT 350	219
LARGEST CONTAINER 700 220		ANNUAL WASTE AMOUNT 2100	221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☐ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☒ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

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BUSINESS NAME Continental Heat Treating, Inc.			3
CHEMICAL LOCATION Outside building, southwest side, location 5			201
MAP # 202	GRID # 203	FACILITY ID# / / 1	
CHEMICAL NAME Propane 204		TRADE SECRET ☐ YES ☒ NO 205	
COMMON NAME 206		* REGULATED SUBSTANCE (RS) ☒ YES ☐ NO 207	
CAS # 74-84-0 208		* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES 209			
TYPE 210 ☒ PURE ☐ MIXTURE ☐ WASTE	RADIOACTIVE 211 ☐ YES ☒ NO	CURIES 212	
PHYSICAL STATE 213 ☐ SOLID ☒ LIQUID ☐ GAS			
FEDERAL HAZARD CATEGORIES 214 ☒ FIRE ☐ REACTION ☒ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH			
STATE WASTE CODE 215	UNITS * 218 ☐ GAL ☐ CU FT ☒ LBS ☐ TONS	MAX DAILY AMOUNT 1534 216	
DAYS ON SITE 365 217		AVG DAILY AMOUNT 762 219	
LARGEST CONTAINER 1534 220	* If Regulated Substance, amount must be reported in pounds.	ANNUAL WASTE AMOUNT 221	

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☒ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☐ AMBIENT ☒ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☐ AMBIENT ☒ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 17 OF 25 102

BUSINESS NAME Continental Heat Treating, Inc.	3
CHEMICAL LOCATION Outside loc. 3, Inside loc 7 and 9.	201
MAP # 202 / GRID # 203 / FACILITY ID# 1	
CHEMICAL NAME 204 / TRADE SECRET ☐ YES ☒ NO	205
COMMON NAME Quench Oil 206 / * REGULATED SUBSTANCE (RS) ☐ YES ☒ NO	207
CAS # 208 / * If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES	209
TYPE ☐ PURE ☒ MIXTURE ☐ WASTE 210 / RADIOACTIVE ☐ YES ☒ NO 211 / CURIES	212
PHYSICAL STATE ☐ SOLID ☒ LIQUID ☐ GAS	213
FEDERAL HAZARD CATEGORIES ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH	214
STATE WASTE CODE 215 / UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS / MAX DAILY AMOUNT 7000	216
DAYS ON SITE 365 217 / * If Regulated Substance, amount must be reported in pounds. / AVG DAILY AMOUNT 6500	219
LARGEST CONTAINER 1100 220 / ANNUAL WASTE AMOUNT	221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A	☒ ABOVEGROUND TANK	F	☐ CAN	K	☐ BOX	P	☐ TANK WAGON
B	☐ UNDERGROUND TANK	G	☐ CARBOY	L	☐ CYLINDER	Q	☐ RAIL CAR
C	☐ TANK INSIDE BUILDING	H	☐ SILO	M	☐ GLASS BOTTLE		☐ _____
D	☒ STEEL DRUM	I	☐ FIBER DRUM	N	☐ PLASTIC BOTTLE		
E	☐ PLASTIC/NONMETALLIC DRUM	J	☐ BAG	O	☐ TOTE BIN		

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

	% WT		HAZARDOUS COMPONENT		RS *			CAS #	
1	90	225	Petroleum Oil	226	☐ YES	☒ NO	227	64741-97-5	228
2	10	229	Residual Oil	230	☐ YES	☒ NO	231	64742-62-7	232
3		233		234	☐ YES	☐ NO	235		236
4		237		238	☐ YES	☐ NO	239		240
5		241		242	☐ YES	☐ NO	243		244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

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BUSINESS NAME: Continental Heat Treating, Inc.	3
CHEMICAL LOCATION: Outside building, south side, location 10	201
MAP # 202	GRID # 203	FACILITY ID# 1 / /
CHEMICAL NAME 204	TRADE SECRET 205 ☐ YES ☒ NO
COMMON NAME: Sludge containing copper 206	* REGULATED SUBSTANCE (RS) 207 ☐ YES ☒ NO
CAS # 208	* If YES, all amounts must be in pounds
FIRE CODE HAZARD CLASSES	209
TYPE 210 ☐ PURE ☐ MIXTURE ☒ WASTE	RADIOACTIVE 211 ☐ YES ☒ NO	CURIES 212
PHYSICAL STATE ☐ SOLID ☒ LIQUID ☐ GAS	213
FEDERAL HAZARD CATEGORIES ☐ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH	214
STATE WASTE CODE: 171 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT: 110 216
DAYS ON SITE: 90 217		AVG DAILY AMOUNT: 55 219
LARGEST CONTAINER: 55 220	* If Regulated Substance, amount must be reported in pounds.	ANNUAL WASTE AMOUNT: 330 221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☐ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☒ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 19 OF 25 102

BUSINESS NAME Continental Heat Treating, Inc.	3
CHEMICAL LOCATION Outside building, south side, location 10.	201
MAP # 202 / GRID # 203 / FACILITY ID# 1 ___/___/___	
CHEMICAL NAME Sodium Hydroxide 50% 204 / TRADE SECRET ☐ YES ☒ NO	205
COMMON NAME Caustic Soda 206 / * REGULATED SUBSTANCE (RS) ☐ YES ☒ NO	207
CAS # 1310-73-2 208 / * If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES	209
TYPE ☒ PURE ☐ MIXTURE ☐ WASTE 210 / RADIOACTIVE ☐ YES ☒ NO 211 / CURIES	212
PHYSICAL STATE ☐ SOLID XX LIQUID ☐ GAS	213
FEDERAL HAZARD CATEGORIES ☐ FIRE ☒ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH	214
STATE WASTE CODE 215 / UNITS * ☒ GAL ☐ CU FT ☐ LBS ☐ TONS 218 / MAX DAILY AMOUNT 80	216
DAYS ON SITE 365 217 / AVG DAILY AMOUNT 40	219
LARGEST CONTAINER 55 220 / * If Regulated Substance, amount must be reported in pounds. / ANNUAL WASTE AMOUNT	221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☐ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E XX PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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City of Santa Fe Springs • Certified Unified Program Agency

CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 20 OF 25 102

BUSINESS NAME Continental Heat Treating, Inc.			3
CHEMICAL LOCATION Outside building, south side, location 10.			201
MAP # 202	GRID # 203	FACILITY ID# 1 / /	
CHEMICAL NAME 204		TRADE SECRET 205 ☐ YES ☒ NO	
COMMON NAME Spent alkaline cleaning solution 206		* REGULATED SUBSTANCE (RS) 207 ☐ YES ☒ NO	
CAS # 208		* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES 209			
TYPE 210 ☐ PURE ☐ MIXTURE ☒ WASTE	RADIOACTIVE 211 ☐ YES ☒ NO	CURIES 212	
PHYSICAL STATE 213 ☐ SOLID ☒ LIQUID ☐ GAS			
FEDERAL HAZARD CATEGORIES 214 ☐ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH			
STATE WASTE CODE 215 122	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT 216 300	
DAYS ON SITE 217 90	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT 219 300	
LARGEST CONTAINER 220 55		ANNUAL WASTE AMOUNT 221 300	

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☐ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☒ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☐ ADD ☐ DELETE ☒ REVISE 200 REPORTING YEAR 2000 PAGE 21 OF 25 102

BUSINESS NAME Continental Heat Treating, Inc.			3
CHEMICAL LOCATION Outside building, southwest corner of property, location 4			201
MAP # 202	GRID # 203	FACILITY ID# 1 / /	
CHEMICAL NAME 204		TRADE SECRET ☐ YES ☒ NO	205
COMMON NAME Waste Oil 206		* REGULATED SUBSTANCE (RS) ☐ YES ☒ NO	207
CAS # 208		* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES			209
TYPE ☐ PURE ☐ MIXTURE ☒ WASTE 210	RADIOACTIVE ☐ YES ☒ NO 211	CURIES	212
PHYSICAL STATE ☐ SOLID ☒ LIQUID ☐ GAS			213
FEDERAL HAZARD CATEGORIES ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH			214
STATE WASTE CODE 221 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT 600	216
DAYS ON SITE 365 217	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT 300	219
LARGEST CONTAINER 55 220		ANNUAL WASTE AMOUNT 2400	221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☐ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☒ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

% WT	HAZARDOUS COMPONENT	RS *	CAS #
1 225	226	☐ YES ☐ NO 227	228
2 229	230	☐ YES ☐ NO 231	232
3 233	234	☐ YES ☐ NO 235	236
4 237	238	☐ YES ☐ NO 239	240
5 241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☒ ADD ☐ DELETE ☐ REVISE 200 REPORTING YEAR 2000 PAGE 22 OF 25 102

BUSINESS NAME: Continental Heat Treating, Inc.	3
CHEMICAL LOCATION: Copper Masking Line, Loc. 9	201
MAP # 202	GRID # 203	FACILITY ID# 1 ___/___/___
CHEMICAL NAME: Acid Cleaning Solution 204	TRADE SECRET 205 ☐ YES ☒ NO
COMMON NAME: Actane Solution 206	* REGULATED SUBSTANCE (RS) 207 ☐ YES ☒ NO
CAS # 208	* If YES, all amounts must be in pounds
FIRE CODE HAZARD CLASSES	209
TYPE 210 ☐ PURE ☒ MIXTURE ☐ WASTE	RADIOACTIVE 211 ☐ YES ☒ NO	CURIES 212
PHYSICAL STATE ☐ SOLID ☒ LIQUID ☐ GAS	213
FEDERAL HAZARD CATEGORIES ☐ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☒ CHRONIC HEALTH	214
STATE WASTE CODE 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMOUNT 216: 235
DAYS ON SITE 217: 365	* If Regulated Substance, amount must be reported in pounds.	AVG DAILY AMOUNT 219: 235
LARGEST CONTAINER 220: 235		ANNUAL WASTE AMOUNT 221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☒ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☐ AMBIENT ☒ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

	% WT	HAZARDOUS COMPONENT	RS *	CAS #
1	7.6 225	Sodium Bisulfate 226	☐ YES ☒ NO 227	7681-38-1 228
2	1 229	Sodium Biflouride 230	☐ YES ☒ NO 231	1333-83-1 232
3	233	234	☐ YES ☐ NO 235	236
4	237	238	☐ YES ☐ NO 239	240
5	241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☒ ADD ☐ DELETE ☐ REVISE 200 REPORTING YEAR 2000 PAGE 23 OF 25 102

BUSINESS NAME: Continental Heat Treating, Inc.	3
CHEMICAL LOCATION: Copper Masking Line, Loc. 9	201
MAP # 202	GRID # 203
FACILITY ID# 1	___ / ___ / ___
CHEMICAL NAME: Cupral Plating 204	TRADE SECRET 205: ☐ YES ☒ NO
COMMON NAME: Cupral Plating Solution 206	* REGULATED SUBSTANCE (RS) 207: ☐ YES ☒ NO
CAS # 208	* If YES, all amounts must be in pounds
FIRE CODE HAZARD CLASSES 209	
TYPE 210: ☐ PURE ☒ MIXTURE ☐ WASTE	RADIOACTIVE 211: ☐ YES ☒ NO
CURIES 212	
PHYSICAL STATE 213: ☐ SOLID ☒ LIQUID ☐ GAS	
FEDERAL HAZARD CATEGORIES 214: ☐ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☒ CHRONIC HEALTH	
STATE WASTE CODE 215	UNITS * 218: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS
MAX DAILY AMOUNT 216: 778	
DAYS ON SITE 217: 365	* If Regulated Substance, amount must be reported in pounds.
AVG DAILY AMOUNT 219: 778	
LARGEST CONTAINER 220: 778	
ANNUAL WASTE AMOUNT 221	

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☒ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☐ AMBIENT ☒ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

	% WT	HAZARDOUS COMPONENT	RS *	CAS #
1	3.3 225	Copper Diacetate 226	☐ YES ☒ NO 227	142-71-2 228
2	6.6 229	Potassium Hydroxide 230	☐ YES ☒ NO 231	1310-58-3 232
3	9.9 233	1-hydroxyethylidene-1, 234	☐ YES ☒ NO 235	2809-21-4 236
4	237	1-diphosphonic acid 238	☐ YES ☐ NO 239	240
5	241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☒ADD ☐ DELETE ☐ REVISE 200 REPORTING YEAR 2000 PAGE 24 OF 25 102

BUSINESS NAME: Continental Heat Treating, Inc.	3
CHEMICAL LOCATION: Copper Masking Line, Loc. 9	201
MAP # 202	GRID # 203
FACILITY ID# 1 / /	
CHEMICAL NAME: Alkaline Cleaner 204	TRADE SECRET 205 ☐ YES ☒ NO
COMMON NAME: Enprep 576E Solution 206	* REGULATED SUBSTANCE (RS) 207 ☐ YES ☒ NO
CAS # 208	* If YES, all amounts must be in pounds
FIRE CODE HAZARD CLASSES 209	
TYPE 210 ☐ PURE ☒ MIXTURE ☐ WASTE	RADIOACTIVE 211 ☐ YES ☒ NO / CURIES 212
PHYSICAL STATE 213 ☐ SOLID ☒ LIQUID ☐ GAS	
FEDERAL HAZARD CATEGORIES 214 ☐ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☒ CHRONIC HEALTH	
STATE WASTE CODE 215	UNITS * 218 ☒ GAL ☐ CU FT ☐ LBS ☐ TONS / MAX DAILY AMOUNT 216: 314
DAYS ON SITE 217: 365	AVG DAILY AMOUNT 219: 314
LARGEST CONTAINER 220: 314	* If Regulated Substance, amount must be reported in pounds. / ANNUAL WASTE AMOUNT 221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☒ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☐ AMBIENT ☒ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

	% WT	HAZARDOUS COMPONENT	RS *	CAS #
1	3.5 225	Sodium Hydroxide 226	☐ YES ☒ NO 227	1310-73-2 228
2	229	230	☐ YES ☐ NO 231	232
3	233	234	☐ YES ☐ NO 235	236
4	237	238	☐ YES ☐ NO 239	240
5	241	242	☐ YES ☐ NO 243	244

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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CHEMICAL DESCRIPTION (OES 2731)

☒ ADD ☐ DELETE ☐ REVISE 200 REPORTING YEAR 2000 PAGE 25 OF 25 102

BUSINESS NAME: Continental Heat Treating, Inc.	3
CHEMICAL LOCATION: COPPER MASKING LINE LOC. 9	201
MAP #	202
GRID #	203
FACILITY ID# ___/___/___	1
CHEMICAL NAME	204
TRADE SECRET ☐ YES ☒ NO	205
COMMON NAME: CUFIX E COPPER STRIPPER	206
* REGULATED SUBSTANCE (RS) ☐ YES ☒ NO	207
CAS #	208
* If YES, all amounts must be in pounds	
FIRE CODE HAZARD CLASSES	209
TYPE ☐ PURE ☒ MIXTURE ☐ WASTE	210
RADIOACTIVE ☐ YES ☒ NO	211
CURIES	212
PHYSICAL STATE ☐ SOLID ☒ LIQUID ☐ GAS	213
FEDERAL HAZARD CATEGORIES ☐ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH	214
STATE WASTE CODE	215
UNITS * ☒ GAL ☐ CU FT ☐ LBS ☐ TONS	218
MAX DAILY AMOUNT: 196	216
DAYS ON SITE: 365	217
AVG DAILY AMOUNT: 196	219
LARGEST CONTAINER: 196	220
* If Regulated Substance, amount must be reported in pounds.	
ANNUAL WASTE AMOUNT	221

STORAGE CONTAINER CODE - CHECK THE APPROPRIATE BOX BELOW 222

A ☒ ABOVEGROUND TANK	F ☐ CAN	K ☐ BOX	P ☐ TANK WAGON
B ☐ UNDERGROUND TANK	G ☐ CARBOY	L ☐ CYLINDER	Q ☐ RAIL CAR
C ☐ TANK INSIDE BUILDING	H ☐ SILO	M ☐ GLASS BOTTLE	☐ _____
D ☐ STEEL DRUM	I ☐ FIBER DRUM	N ☐ PLASTIC BOTTLE	
E ☐ PLASTIC/NONMETALLIC DRUM	J ☐ BAG	O ☐ TOTE BIN	

STORAGE PRESSURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT 223

STORAGE TEMPERATURE ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC 224

	% WT	HAZARDOUS COMPONENT	RS *	CAS #
1	2-4 (225)	POTASSIUM CARBONATE (226)	☐ YES ☒ NO (227)	584-08-7 (228)
2	(229)	(230)	☐ YES ☐ NO (231)	(232)
3	(233)	(234)	☐ YES ☐ NO (235)	(236)
4	(237)	(238)	☐ YES ☐ NO (239)	(240)
5	(241)	(242)	☐ YES ☐ NO (243)	(244)

OTHER:	☐ RECYCLED 250	☐ PREPACKAGED FOR DIRECT SALE TO THE PUBLIC 251

* IF THE CHEMICAL IS A REGULATED SUBSTANCE AND MEETS OR EXCEEDS ITS THRESHOLD QUANTITY IN A PROCESS, THE AMOUNTS MUST BE REPORTED IN POUNDS, AND REGISTERED WITH THIS DEPARTMENT BY COMPLETING THE REGULATED SUBSTANCE REGISTRATION (OES FORM 2735.6) ON THE REVERSE SIDE OF THIS FORM.

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