

**DEPARTMENT OF HEALTH SERVICES****TOXIC SUBSTANCES CONTROL DIVISION (REGION 3)**15 N. SAN FERNANDO BOULEVARD, SUITE 300
BURBANK, CA 91504**CERTIFIED MAIL**

FEB 14 1991

Ms. Linda Geldner
US Marine Corps. - El Toro
Southwest Division
Engineering Branch
1220 Pacific Highway
San Diego, CA 92132-5000

Dear Ms. Geldner:

NOTICE LETTER: LUBRICATION COMPANY OF AMERICA

The State Department of Health Services (DHS) is spending public funds to investigate and take corrective action for the control of actual and threatened releases of hazardous substances at Lubrication Company of America (LCA), a site listed on the priority list of the state "Superfund" sites pursuant to Health and Safety Code (H&SC), section 25356. LCA is located at 12500 Lang Station Road, Canyon Country, CA 91351, identified as parcels 45 and 46 in exhibit A (enclosed). The purpose of this letter is as follows: (1) to inform you that DHS considers your company or organization a potentially responsible party (PRP) at the site; (2) to provide you with a brief description of the activities that have taken place to date at LCA; and (3) request your company or organization to provide all historical and present information from the generators that shipped their wastes to the aboved referenced property.

DHS has reason to believe that your company or organization may be in possession of relevant information concerning the types of wastes transported to the LCA site. Therefore, pursuant to sections 25185.6 and 25358.1 of the H&SC, your company or organization is hereby requested to respond to the Information Request enclosed with this letter. In addition, under sections 25355.5 and 25360 of the H&SC, and other laws, responsible parties are obligated to finance or undertake actions that DHS determines are necessary to protect public health and welfare or the environment. Responsible parties are liable for the costs incurred by the State in responding to any release or threatened release at the site. Such costs can include expenditures for investigation, planning, cleanup of the site, and enforcement.

By this letter, DHS notifies your company or organization of its potential liability with regard to this matter, and strongly encourages your company or organization to voluntarily participate in future site activities. Please be advised that compliance with the enclosed Information Request is mandatory. Failure to respond fully and truthfully may result in an enforcement action by DHS pursuant to sections 25189.2 and 25367 of the H&SC.

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Responsible parties under section 25323.5 of the H&SC include current and past owners and operators of facilities at which hazardous substances were disposed, and persons who generated hazardous substances or were involved in the transport, treatment, or disposal of hazardous substances. DHS has information indicating that your company may be a responsible party. DHS believes that your company did by contract, agreement or other mechanism arrange for the disposal, treatment, or the transportation for disposal or treatment, of hazardous substances at the LCA facility during its operation prior to September 1989.

Disposal volumes attributed to your company or organization by DHS were taken directly from LCA business records or official DHS records. For your information, and to facilitate organization, we have enclosed the names of the potentially responsible parties who have been notified to date, and the current estimated waste volumes attributed to each.

Enclosed is an DHS Environmental Fact Sheet entitled, "Hazardous Waste Sites: The Cleanup Process." This document contains information on the fundamental elements of the law, and may address some preliminary questions. DHS has issued a Fact sheet (enclosed), dated November 1989, which describes the background and proposed actions for the LCA site. The future activities to be completed by DHS are listed under the proposed action section in the enclosed Fact Sheet. In addition, published information regarding the site, and the cleanup activities of DHS is available for review at the following information repositories:

Canyon Country Library
18536 Soledad Canyon Rd.
Canyon Country, CA 91351
(805) 251-2720

Department of Health Services
Toxics Substances Control Program
1405 N. San Fernando Blvd., #300
Burbank, CA 91504
(818) 567-3000

DHS has been involved in Remedial Activities at LCA since March 16, 1987, and has conducted initial site characterization activities and completed characterization of 383 drums of hazardous waste, 25 drums of asbestos, and 120 tanks that are owned by LCA.

DHS has been involved in Interim Remedial Measures (IRM) activities and has completed transporting the 383 drums of hazardous waste and 25 drums of asbestos material for disposal to a permitted Resource Conservation and Recovery Act (RCRA) hazardous waste disposal facility. In addition, DHS has completed the removal of hazardous waste (PCB, heavy metals, acidic and

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caustic) from 45 tanks, either because the tanks were leaking, or in order to reduce the fire and explosion hazard. DHS has temporarily stored the accumulated hazardous wastes in Baker tanks, poly tanks, roll-off bins and drums for disposal. DHS is currently working to identify RCRA-permitted disposal facilities that can accept the accumulated hazardous wastes.

Your response to this matter must be by letter, signed by a duly authorized official, and submitted to the following office by March 15, 1991:

Doug Suzuki
Site Mitigation Branch
Department of Health Services
Region 3
1405 N. San Fernando Blvd., Suite 300
Burbank, CA 91504

For further information concerning technical issues and to schedule a meeting to discuss this matter before March 1, 1991, please contact Doug Suzuki at (818) 567-3070. For any legal questions, please contact Steve Koyasako, Staff Attorney, Toxics Legal Office, at (916) 324-9930.

Sincerely,



Dennis A. Dickerson
Regional Administrator

Enclosures

cc: Mr. Steve Koyasako
Staff Attorney
Toxics Legal Office
Toxic Substances Control Program
P.O. Box 942732
Sacramento, CA 94234-7320

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RETURN RECEIPT REQUESTED #848463

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INSTRUCTIONS

1. A separate response must be made to each of the Questions set forth in this Information Request.
2. Please precede each answer with the number of the Question to which it corresponds.
3. If the information is not known or not available to you as of the date of submission of a response to this Information Request should later become known or available to you, you must supplement your response to DHS. Moreover, should you find at any time after the submission of this response that any portion of the submitted information is false or misrepresents the truth, you must notify DHS thereof as soon as possible.
4. For each document produced in response to this Information Request, please indicate on the document, or in some other reasonable manner, the number of the Question to which it responds.
5. The information requested herein must be provided notwithstanding its possible characterization as confidential information or trade secrets. However, you may assert a confidentiality claim covering part or all of the information requested by attaching to such information at the time it is submitted, a cover sheet, stamped or typed legend, or other suitable form of notice employing language such as "trade secret," or "proprietary" or "company confidential." DHS will follow procedures developed under the Public Records Act in handling information claimed confidential.
6. Where specific information has not been memorialized in any document, but is nonetheless responsive to a Question, you must respond to the Question with a written response.

DEFINITIONS

The following definitions shall apply to the following words or terms, their singular, plural and possessive forms, as they appear in this Information Request.

1. The term "documents" shall include all writings, recordings, visually or aurally reproduced information, or computer disk, tape or card of any kind in any medium in your possession, custody or control or known by you to exist, and includes originals, all prior drafts, all non-identical copies, including those with any writing, figure or notation, and all attachments or enclosures.
2. The term "identify" means, with respect to a natural person, to set forth the person's name, present or last known business address and business telephone number, present or last known home address and home telephone number, and present or last known job title, position or business.
3. The term "identify" means, with respect to a corporation, partnership, business trust or other association or business entity (including a sole proprietorship) to set forth its full name, address, legal form (e.g. corporation, partnership, etc.), organization, if any, and a brief description of its business.
4. The term "identify" means, with respect to a document, to provide its customary business description, its date, its number if any (invoice or purchase order number), the identity of the author, addresser, addressee and/or recipient, and the substance or the subject matter.
5. The term "person" as used herein includes any natural person, firm, unincorporated association, partnership, corporation, trust or other entity.
6. The term "the site" shall mean and include the property owned by Lubrication Company of America (LCA) identified in Exhibit A attached to this Information Request.

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QUESTIONS

- 1) Identify each of your facilities, whether presently owned by you or not, from which waste materials were consigned or delivered to the LCA facility or from which, to your knowledge, wastes originated that were present at any time at the site.
- 2) Identify each of your officers, employees and agents, whether presently affiliated with you or not, who had any responsibility for the disposition of waste materials generated at any of your facilities identified in response to Question Number 1 since January 25, 1957, specifying the facility/facilities as to which each person had responsibility, and the nature of that responsibility.
- 3) Identify each of your officers, employees and agents, whether presently affiliated with you or not, who dealt on your behalf with LCA, and state the nature of those dealings.
- 4) Identify all contracts and other agreements between you and LCA, or any other party involved in transactions with you and LCA, and drafts thereof; identify the person(s) who negotiated each contract or agreement on your behalf and on behalf of LCA or other party, and state which party proposed each provision that was incorporated into the contract or agreement as executed.
- 5) Identify each of your officers, employees and agents, whether presently affiliated with you or not, who had occasion to inspect or pay a visit to the site and give the date of each inspection or visit.
- 6) Identify each of your officers, employees and agents, whether presently affiliated with you or not, who had occasion to inspect or pay a visit to any disposal, treatment or storage facility that any officer, employee or agent of LCA indicated to you would or might be used for the handling of your wastes, and give the date and place of each inspection or visit.
- 7) Identify all materials of yours consigned or delivered to the site, identifying, with respect to each consignment or delivery,
 - a) The date on which such consignment or delivery occurred and on which the material left your facility;
 - b) The name and address of the facility/facilities from which the materials originated;
 - c) The type of material consigned by trade name (if any) and a description of all of its chemical constituents;

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- d) The amount of material consigned in pounds or other common units of measurement, and the type and size of container in which the materials were stored;
 - e) The names, addresses, and positions of those individuals responsible for (1) selecting the materials to be consigned or delivered, (2) packing, loading and labeling the materials for shipment, (3) dispatching the materials, and (4) approving the shipment of the material to the site;
 - f) The name and address of any carrier or hauler and any operator or driver of such carrier or hauler used for transporting such material and the dates of their use;
 - g) If chemical analysis of the material was performed, the name and address of the company or individual performing such analysis and the dates of the analysis;
 - h) The documents setting forth the results of any analysis identified in answer to subpart (g), and any documents describing the analysis to be performed by the laboratory;
 - i) The label or other identification affixed to the containers in which the materials were transported;
 - j) Instructions given to any officer, agent or employee of the carrier or hauler identified in response to subpart (f), as to what the materials were and how they should be handled;
 - k) In the case of materials delivered to the site, the information, person(s) or documents on which you rely to support your conclusion that the materials were delivered.
- 8) Identify all materials of yours consigned or delivered to or brokered by any officer, employee or agent of LCA for disposal, storage, or treatment elsewhere than at the site, and identify with respect to each such transaction the name and location of the facility/facilities to which the material was destined for disposal, storage, or treatment according to your instructions and the facility/facilities to which the material actually was taken, and with respect to each such transaction,
- a) The date on which the material left your facility;
 - b) The name and address of the facility/facilities at which the materials were originated;
 - c) The type of material delivered, consigned or brokered by trade name (if any) and a description of all its chemical constituents;
 - d) The amount of material delivered, consigned or brokered in pounds or other common units of measurement, and the type and size of container in which the materials were transported;

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- e) The names, addresses, and positions of those individuals responsible for (1) selecting the materials to be delivered, consigned or brokered, (2) packing, loading and labeling the materials for shipment, (3) dispatching the materials, and (4) approving the shipment of the material;
 - f) The name and address of any carrier or hauler and any operator or driver of such carrier or hauler used for transporting such material and the dates of their use;
 - g) If chemical analysis of the material was performed, the name and address of the company or individual performing such analysis and the dates of the analysis;
 - h) The documents setting forth the results of any analysis identified in answer to subpart (g), and any documents describing the analysis to be performed by the laboratory;
 - i) The label or other identification affixed to the containers in which the materials were transported;
 - j) Instructions given to any officer, agent or employee of the carrier or hauler identified in response to subpart (f), as to what the materials were and how they should be handled;
 - k) The information, person(s) or documents on which you rely to support your conclusion regarding the facility/facilities to which the material actually was taken.
- 9) Identify each instance a decision was made by you or any of your individual facilities to begin, cease, suspend, increase or decrease your business dealings with LCA, either company-wide or at any individual facility, by providing the following information:
- a) The nature of the decision made, including the location of the facility/facilities affected;
 - b) The date of the decision;
 - c) The names of your employees and agents and of any other person(s) who were consulted in the process of formulating the decision;
 - d) The names of your employees who made the decision;
 - e) The reasons for the decision.
- 10) List all six, seven or eight character product codes (such as FOS-301-2 or NOS 301-12) assigned by LCA to the waste material types consigned or delivered to the site by you or brokered by LCA for you and, for each such code, state the chemical composition of the materials so identified.

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- 11) State whether you ever consigned or delivered to the site waste materials not previously assigned one of the product codes identified in response to Question Number 10, give the date of any such instance and the type and amount of waste material involved, and state how the material was identified to LCA.
- 12) State whether you ever consigned or delivered to the site waste materials described by reference to one of the product codes identified in response to Question Number 10 but consisting of substances other than those to which that product code had been assigned, and give the date of any such instance and the type and amount of waste material involved.
- 13) Identify each of your officers, employees, and agents who had knowledge of any toxic, carcinogenic or other hazardous property of any of the materials identified in response to Question Number 7.
- 14) Identify each of your officers, employees and agents who had knowledge of any toxic, carcinogenic or other hazardous property of any of the materials identified in response to Question Number 8.
- 15) Identify each of your officers, employees and agents who had knowledge that any waste material consigned or delivered by you to the site or brokered by any officer, employee or agent of LCA for disposal, treatment or storage other than at the site was stored for any period of time or otherwise handled or present at the site and state the circumstances and particulars of any such knowledge, including the type and amount of material involved, the dates between which the material was present at the site and your understanding as to why such materials were present at the site.
- 16) Identify each of your officers, employees and agents who had knowledge that any waste material delivered by any company other than you to the site for disposal or treatment other than at the site was stored for any period of time or otherwise handled or present at the site and state the circumstances and particulars of any such knowledge, including the type and amount of material involved, the dates between which the material was present at the site and your understanding as to why such materials were present at the site.
- 17) Identify each of your officers, employees and agents who had knowledge of the acts and practices of LCA at the site, with respect to the handling, treatment or disposal of waste materials, and state the circumstances and particulars of such knowledge.
- 18) State whether you believed at all times during which you did business with LCA that LCA handled oily or chemical wastes in a manner insuring against pollution of air, soil and ground and surface waters and, if so, state the basis for your belief.

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- 19) Identify each of your officers, employees and agents, whether presently affiliated with you or not, with knowledge of any spill, discharge or release of oil, chemicals, oily waste materials or chemical waste materials by LCA into the air, soil, surface water, or ground water, or of any regulatory or judicial action in connection therewith, state the particulars of and basis for any such knowledge, the date you were first aware of the foregoing, and describe the actions, if any, that were taken by you as a result of such knowledge.
- 20) Describe each precaution taken by you with regard to the handling of waste materials by LCA and all precautionary instructions given by you to any officer, employee or agent of LCA.
- 21) Identify each document upon which you rely for your answer to Question Number 20.
- 22) With respect to any instance where you consigned or delivered waste materials to LCA for disposal, treatment or storage at a facility other than the LCA facility at the site but was informed that the other facility would or could not accept the waste materials so consigned or delivered, give the date of such delivery or consignment and state the instructions you issued to LCA for the disposition of the materials in each such instance after you were so informed.
- 23.a) State whether LCA had your permission to reclaim any of your waste materials.
 - b) State whether LCA did engage in reclaiming your waste materials.
 - c) If LCA did engage in reclaiming your waste materials, identify each of your officers, employees and agents who have knowledge of that reclaiming.
 - d) If LCA did engage in reclaiming your waste materials, state your understanding of any such reclaiming operation, include the location where such operation was carried out and identify the waste materials involved.
- 24) Describe the process by which oily or chemical wastes consigned or delivered to LCA were identified and/or labelled.
- 25) Identify the types and amounts of any waste materials that you at any time caused to be removed from the site and give the date(s) of any such removal(s), the names and addresses of the persons who removed the materials, and the location(s) to which such materials were taken.
- 26) Identify all payments and disbursements made in connection with any wastes consigned or delivered to the site including the identity of each payee, the date of each such payment or disbursement, and the means of each such payment or disbursement.

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- 27) Identify all payments and disbursements made in connection with any removal identified in response to Question Number 25 including the identity of each payee, the date of each such payment or disbursement, and the means of each such payment or disbursement.
- 28.a) State whether you ever terminated or suspended your business dealings with LCA because of actions of any officer, employee or agent of LCA deemed by you to be improper.
- b) If the answer to subpart (a) is yes, give the date of any such termination or suspension and the reasons thereof.
- c) If the answer to subpart (a) is yes, state whether your business dealings with LCA was ever renewed thereafter, give the date of any such renewal and state why you believed such renewal was appropriate.
- 29) Identify each of your officers, employees and agents, whether presently affiliated with you or not, with knowledge of the filing of a bankruptcy petition by LCA; state the particulars and basis for any such knowledge, and describe the actions, if any, that were taken by you as a result of such knowledge.
- 30) Identify the chemical composition of:
- a) The "Waste Fuel" consigned or delivered to LCA from US Marine Corps. - El Toro on or about August 30, 1971 until January 16, 1976, as described on invoice numbers 1016, 1017, 1100, 2027, 2028, 2031, 2033, 2035, 2037, 2040, 2073, 2074, 2080, 2081, 2083, 2085, 2154, 2157, 2159, 2161, 2180, 2181, 2182, 2199, 2200, 2204, 2205, 2216, 2218, 2220, 2248, 2249, 2254, 4470, 4471, 4472, 4473, 4475, 4474, 9693, 9702, 9716, 9722, 9727.
- b) The "Waste Fuel (JP5)" consigned or delivered to LCA from US Marine Corps. - El Toro on or about July 16, 1971 until October 9, 1979, as described on invoice numbers 1091, 4447, 4448, 9695, 9937, 9941.
- c) The "Waste Fuel (JP4)" consigned or delivered to LCA from US Marine Corps. - El Toro on or about July 12, 1974 until July 18, 1974, as described on invoice numbers 9464, 9466, 9467, 9471, and 9477.
- d) The "Contaminated Fuel" consigned or delivered to LCA from US Marine Corps. - El Toro on or about November 17, 1975, as described on invoice number 1020.
- e) The "Mixed Fuel" consigned or delivered to LCA from US Marine Corps. - El Toro on or about July 30, 1971 until July 15, 1974, as described on invoice numbers 2176, 2203, 2223, 2250, 4459, and 9465.

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- f) The "Waste Oil" consigned or delivered to LCA from US Marine Corps. - El Toro on or about January 24, 1975 until June 26, 1975, as described on invoice numbers 1100, 1209, 9666, 9703, 9715, 9782, and 9845.
- 31) Identify each communication between you and LCA other than purchase orders by stating the identity of each party to the communication, the date and method of the communication, and the identity of each document constituting, referring or relating to the communication.
- 32) Identify the lines of reporting within your organizational structure at all times since January 25, 1957 on matters concerning the disposal of your waste materials from your facilities identified in response to Question Number 1 by stating the titles and identities of the persons reporting and reported to, and the facility or office of yours at which they worked.



California Department of Health Services Toxic Substances Control Division

HAZARDOUS WASTE SITES: THE CLEANUP PROCESS

What is a Hazardous Waste Site?

Waste is considered hazardous if it threatens human health or the environment. By definition, a hazardous waste has one or more of the following dangerous properties—it can explode, ignite, corrode metal, or poison living organisms.

Hazardous waste is generated in many ways in California. Some manufacturing processes, such as those used in electronics and petroleum industries, produce hazardous waste. Other waste is generated through the use of products containing hazardous chemicals. Examples include solvents used in dry cleaning, plate cleaners used in printing, pesticides used in agriculture, and paint thinners used in households. Some naturally occurring chemicals, such as selenium, can also build up to hazardous levels through runoff from soils to ponds.

Federal, state, and local laws regulate how hazardous wastes are stored, transported, and disposed. Wastes are often stored in underground tanks or drums at the facility where they are produced. Many of these are then treated to destroy, immobilize, or separate hazardous chemicals. For instance, some hazardous wastes are burned in incinerators or chemically neutralized.

At various sites throughout California, hazardous wastes have not been properly stored or disposed of and have escaped into the environment. These hazardous waste releases can occur through leaking underground storage tanks or drums, leaking waste disposal landfills or ponds, hazardous waste spills, or other improper disposal of waste. These uncontrolled wastes can potentially contaminate groundwater, surface water (lakes, streams, bays), soils, or air.

The federal government is investigating thousands of potential hazardous waste sites nationwide to assure that those likely to affect public health are addressed. It has targeted almost 1,000 for federal cleanup, with more than 50 identified in California. The state is investigating hundreds of other sites in California.

How are Sites Cleaned Up?

The federal "Superfund" law authorizes the Environmental Protection Agency to supervise cleanup of sites on or proposed for its National Priorities List. In California, the Hazardous Substance Account and Bond Act serves as the state's equivalent of the federal Superfund program. The Toxic Substances Control Division of the California Department of Health Services (DHS) implements this program. This fact sheet discusses cleanup under the state's Hazardous Substance Account and Bond Act.

What is the State Cleanup Law?

The Carpenter-Presley-Tanner Hazardous Substance Account and Bond Act established a \$100-million fund to clean up hazardous waste sites in California and to address health and environmental effects from these sites. DHS prepares and periodically updates an expenditure plan for the state legislature that explains how DHS proposes to spend money from this bond fund.

The parties responsible for the hazardous waste are also responsible for conducting the site cleanup. If the responsible parties cannot be found or will not comply with state law, DHS assumes the cleanup activities and cost. The state can later recover these expenses from the responsible parties, including all investigation

and cleanup costs, interest on the bonds, and a portion of the total for administration.

During its preliminary investigation, DHS tries to identify all potentially responsible parties who can perform and pay for the investigation and cleanup. Finding all responsible parties is usually difficult. Responsible parties can be current or former owners, operators, users of the site, or originators of products that contaminated the site. More than one party may be responsible for a site's contamination. For instance, at a drum cleaning facility contaminated with hazardous waste, any business that sent waste-containing drums may be a responsible party.

DHS gives the responsible parties the opportunity to assume site cleanup responsibility. Before the Remedial Investigation, DHS issues a Remedial Action Order directing the responsible parties to conduct the investigation. If the responsible parties agree to the order, DHS oversees their work. If the responsible parties do not comply with the order, DHS conducts the investigation. DHS issues another Remedial Action Order at the end of the investigation requiring the responsible parties to perform the site cleanup. Again, if they do not comply, DHS does the work.

Who Is Involved In Site Cleanup?

Other agencies besides DHS also work on site cleanup. DHS often works with the Environmental Protection Agency to be sure that federal requirements are met. The State Regional Water Quality Control Board oversees responsible party work at some sites. Other agencies may also assist with the investigations, including the U.S. Fish and Wildlife Service, the U.S. Army Corps of Engineers, the California Department of Fish and Game, county health departments, and city hazardous materials units (see Figure 1 on page 5).

DHS sometimes uses private consultants to assist with its technical and community relations work. Responsible parties may also hire consultants. Consultants can perform technical in-

vestigations, analyze data, identify cleanup alternatives, and perform the actual cleanup.

The public is also involved with site cleanup. Community members can help with the investigation and comment on proposed cleanup actions as described below.

How Does the Cleanup Happen?

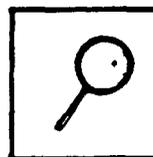
The site cleanup process has several goals:

- Find the responsible parties
- Address any immediate threats to public health or the environment
- Inform and involve the community in the cleanup process
- Investigate and clean up the site

Cleaning up the site does not necessarily mean removing the contamination from the site. At some sites DHS may contain the contamination with underground barriers so that it does not spread or threaten human health or the environment. Contaminated areas can also be covered or capped. Some wastes can be treated on the site to remove or destroy the contamination.

The actual cleanup process involves several steps (see Figure 2). The time required to complete each depends on the size and complexity of the site.

Site Discovery

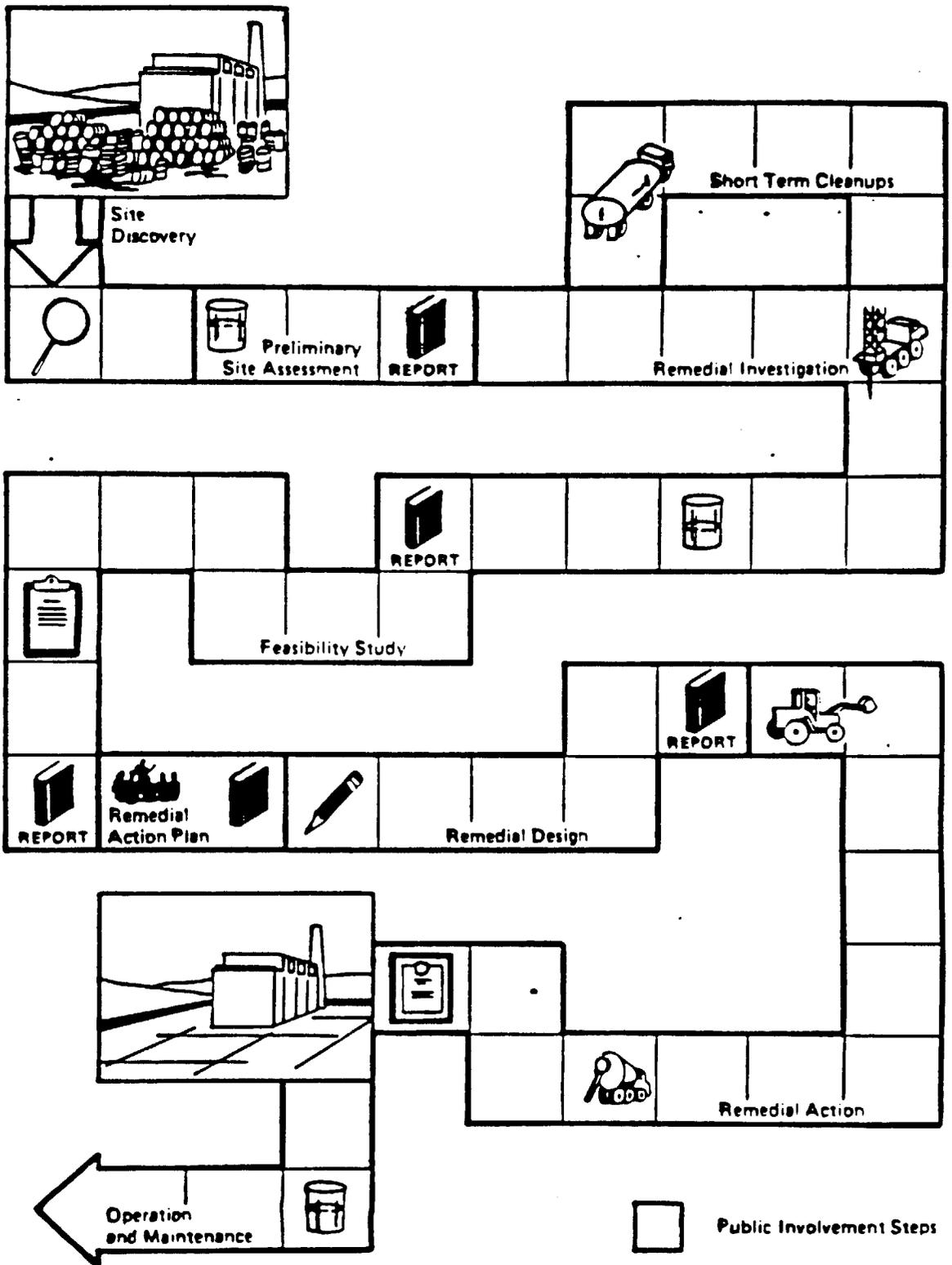


Sites are discovered through DHS investigations, referrals from other agencies, reports by responsible parties, or reports by the public.

Preliminary Site Assessment



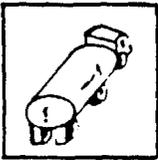
The first step in the actual investigation is to evaluate the severity of the problem. The DHS staff reviews existing files and may take samples at the site. This background information is compiled into a Preliminary Site Assessment Report. Also at this time, DHS tries to identify the responsible parties. A Com-



**The Cleanup Process
Figure 2**

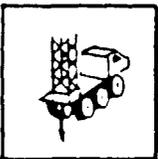
munity Relations Plan is prepared during this step. The plan describes how DHS will inform and involve the community in the cleanup process. This first step may require up to 9 months.

Short Term Cleanup Actions



If an immediate health threat exists, DHS or the responsible party can take short term actions. For instance, if people were being exposed to soil contaminants at dangerous levels, the soils could be removed. These short-term actions allow DHS to address immediate health threats before the more lengthy site investigation is complete. These actions are temporary measures, but are consistent with long-term plans for the site.

Remedial Investigation/Feasibility Study



The Remedial Investigation involves defining the nature and extent of the contamination, and gathering the technical information needed to evaluate possible ways to clean up the site. DHS must first understand site conditions that affect the contamination spread, and therefore possible cleanup actions. At groundwater sites, for example, information about the site's underground geology and groundwater movement is needed. DHS may use wells or deep bore holes to gather this information.

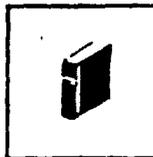
During the Remedial Investigation, the project team also collects and analyzes data about waste characteristics. Soil, groundwater, surface water, or living organisms (such as fish or shellfish) are sampled. The samples are tested to see what contaminants are present and at what levels. Samples taken from different locations can show how far the contamination has spread. At groundwater sites, DHS may drill monitoring wells in several places on or near the site.

During these studies of the site, ways that living organisms might be exposed to contaminants are examined. In a Public Health and Environmental Risk Assessment, DHS details the pos-

sible routes of exposure and how much exposure might occur. The health effects which could result from specific exposures are then identified. The risk assessment is used to be sure that cleanup actions adequately protect public health and the environment.

During the Feasibility Study, DHS identifies and evaluates site cleanup alternatives. For most sites there is a range of alternatives. For instance, at a site where leaking drums have contaminated the soil, DHS could remove the soil to an appropriate disposal location, cap the soil to prevent contamination from spreading off-site, or treat the soil onsite to destroy the contamination. After identifying the alternatives, DHS evaluates each one by considering effectiveness, feasibility, and cost. The chosen cleanup must effectively protect public health. Both long-term and short-term costs are considered. The results of the Remedial Investigation/ Feasibility Study are compiled into a report that is used to recommend a final cleanup plan. This step can last from 4 months to several years.

Remedial Action Plan



The Draft Remedial Action Plan describes the site conditions, the alternatives considered, and a recommended cleanup plan. At most sites, the final cleanup involves a combination of alternatives. The Draft Remedial Action Plan is available to other agencies, the responsible parties, and the public for review during a 30-day comment period. During this time, DHS also holds a public meeting. After receiving and considering comments, DHS prepares the Final Remedial Action Plan. Development and review of the Remedial Action Plan usually requires 3 to 6 months.

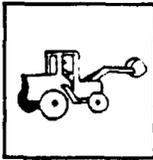
Remedial Design



During this phase DHS or the responsible party designs the actual cleanup. For instance, if DHS is removing contaminated soil from the site, it must define which soil to remove, how deep to dig, how to get heavy equipment to and from

the site, how to decontaminate equipment, where to take the soil, and what to replace the soil with. The design step can last from 2 to 10 months.

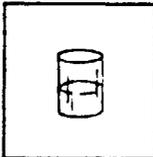
Remedial Action



After notifying the public, the actual site cleanup begins. For example, contaminated soils might be excavated and disposed of appropriately. The excavated area could then be refilled with clean

soil. Remedial action can take from 2 months to 2 years to carry out, depending on the cleanup plan.

Operation and Maintenance



After the remedial actions are complete or treatment systems are in place, DHS oversees maintenance and operation of the site. At some sites, groundwater can be pumped and treated in

aerators or adsorbers to remove or trap chemicals. The clean water can then be discharged to a stream or other surface water. DHS may have to operate a groundwater treatment system for 20 years to complete a cleanup. Examples of other site activities include:

- Sampling the site to check the cleanup's effectiveness
- Operating onsite incinerators
- Checking for cracks in soil caps

These activities may continue for 10 to 15 years. Operation and maintenance is likely to continue even longer at very complex sites with extensive contamination.

How is the Public Involved?

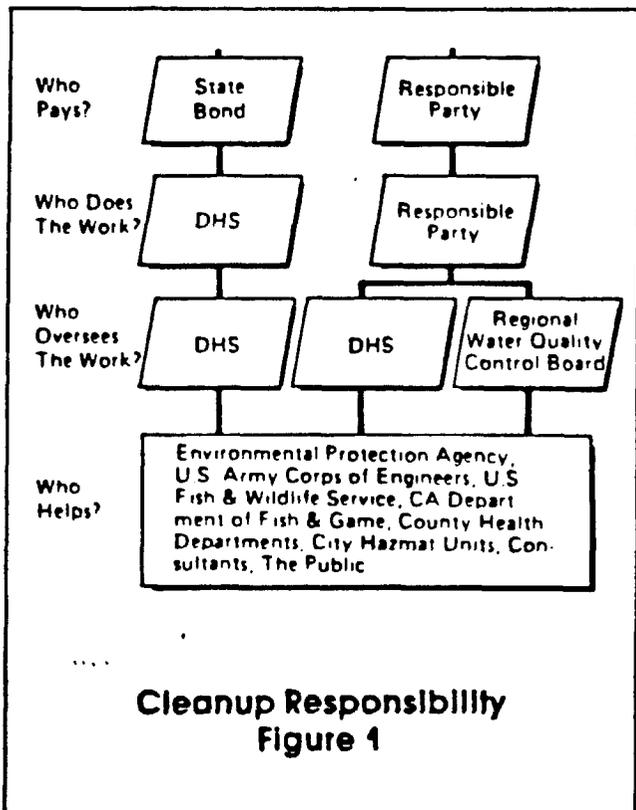
The public can participate in the cleanup process both informally and formally. Community members can help with the site investigation by:

- Providing property access for sampling
- Providing information about site history
- Distributing informational materials
- Sponsoring educational activities

People can also participate in the selection of the final cleanup alternative by commenting on the Draft Remedial Action Plan.

At all sites DHS oversees the development of community relations plans designed to ensure two-way communication with those affected by or interested in hazardous waste sites. The plans are based on interviews of agency representatives, local officials, and members of the community. They describe community concerns about the site, information needs, and information channels. The plans also outline how DHS will inform and involve the community in the site cleanups. Typical activities include fact sheets, public meetings, workshops, and communication networks.

DHS usually holds a public meeting before beginning sampling or other site work. At this meeting, DHS introduces the project team, describes the site's background, and explains site activities. For each site, DHS establishes an information repository in the neighborhood of the site. These are often located at public



libraries. DHS places site-related documents and reports in the repository for public review.

During the 30-day public comment period on the Draft Remedial Action Plan, DHS holds a public meeting to receive comments. People can also send comments directly to DHS. These comments are considered in the preparation of the Final Remedial Action Plan.

How Can I Get More Information?

DHS is committed to effectively cleaning up California hazardous waste sites. This is a long and complicated process. If you have ques-

tions about the site cleanup program, contact the DHS Public Information Office at 916/322-0476.

If you have questions about a specific site, contact your regional DHS Toxic Substances Control Division Office at the number below:

- North Coast and Bay Area Counties
415/540-2043
- Northern California and Central Valley Counties
916/924-2517
- Southern California

California Department of Health Services
Toxic Substances Control Division
Office of Community Relations
P.O. Box 942732
Sacramento, California 94234-7320



LUBRICATION COMPANY OF AMERICA, Canyon Country Refinery

California Department of Health Services Toxic Substances Control Program

Remedial Investigation and Feasibility Study

November, 1989

Introduction

The purpose of this fact sheet is to inform interested parties of an investigation to evaluate the nature and extent of contamination resulting from recycling and refining operations at the Lubrication Company of America (LCA) located at 12500 Lang Station Road, Canyon Country (see map below). The work is scheduled to begin the second week of November, 1989.

The State Department of Health Services (Department) has directed Tetra Tech Inc. to conduct a Remedial Investigation/Feasibility Study (RI/FS) at the LCA site. This study will identify the type and extent of chemical contamination and evaluate possible remedies to protect the public from exposure to the contamination present on the site. It is anticipated that this study will be completed within ten months.

The Department has also directed OH Materials to conduct Interim Remedial Measures (IRMs) at the site. The purpose of the IRM is to stabilize the site and to remove any contamination which might present an imminent health risk to the public and the environment.

Site History and Background

Major topographic features in the area surrounding LCA include the Santa Clara River to the north, Magic Mountain to the southeast and Sand Canyon to the south (see Figure 1). The site occupies approximately five acres of land. It contains several buildings and manufacturing and processing structures which are surrounded by a chain-link fence.

The Lubrication Company of America facility was primarily used as an oil processing and recycling plant. LCA produced sulfurized oil since 1960. New bunker fuels, new and

used engine oil, new jet fuels and hydraulic oil were recycled at the site from 1968 to 1976. Other hazardous materials handled at the facility were sulfuric acid, sulfur monochloride and trace amounts of chlorinated hydrocarbons and heavy metals.

Proposed Action

The Remedial Investigation will start concurrently with the IRM. The purpose of the IRM is to stabilize the site. During the Remedial Investigation, the Department and its Contractor, Tetra Tech Inc. shall collect several soil, surface water and groundwater samples. Sampling will involve drilling several bore holes and installing monitoring wells. Samples collected during the remedial investigation phase will be analyzed for various chemical contaminants to determine the nature and extent of the waste on site.

During the IRM, the Department of Health Services and its Contractor OH Materials shall:

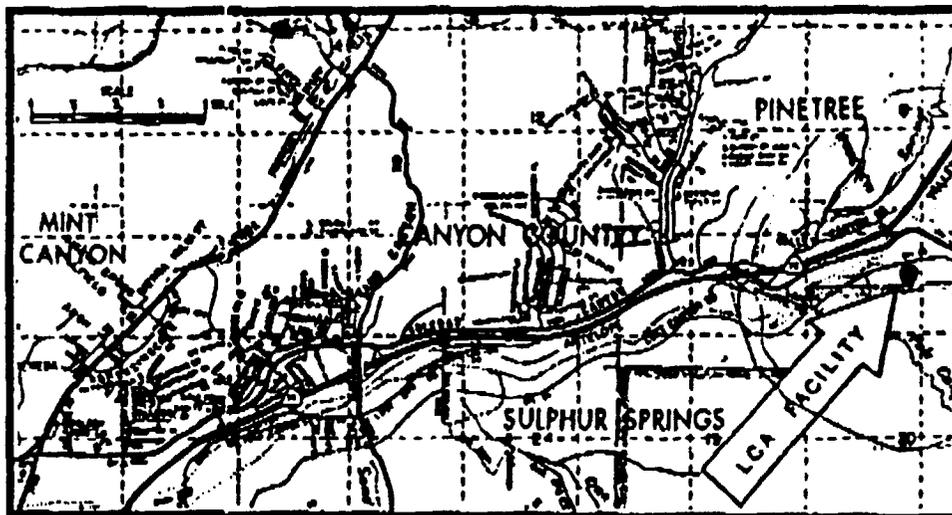
- Inspect all drums and tanks on site for structural integrity and prepare all drums for disposal.
- Excavate grossly contaminated soils.
- Survey all asbestos-containing materials and, through a licensed asbestos subcontractor, either contain or remove and transport all materials identified as containing asbestos fibers.

Community Involvement

A community relations program has been developed to provide information to concerned community members and encourage public involvement in the site decision making process.

(continued on back page)

Handwritten notes: "LCA site", "FIGURE 1", "Tetra Tech", "OH Materials"



Throughout the RI/FS, information regarding the site will be reported to the community through fact sheets, informal contacts and, if needed, community meetings.

Once the draft Remedial Action Plan has been completed, there will be a 30 day formal public comment period. During this period, a public meeting will be held to receive comments on the proposed cleanup plan.

Information repositories have been established to provide specific project information to interested individuals. The Remedial Action Order and the Community Relations Plan are currently available for review in these repositories. Additional information will be added to those repositories as it is prepared. DHS will accept comments at any step in the process. You are encouraged to review information in the repositories listed below and provide comments and suggestions to DHS.

Information Repositories:

Canyon Country Library 18536 Soledad Canyon Rd. Canyon Country, CA 91351 (805) 251-2720	Department of Health Services Toxic Substances Control Division 1405 No. San Fernando Blvd., #300 Burbank, CA 91504
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Information Contacts:

For additional information, please contact:

Pauline Batarseh, Hazardous Materials Specialist
(818) 567-3082, or

Randell Sturgeon, Public Participation Specialist
(818) 567-3178

Both located at: Department of Health Services
Toxic Substances Control Program
1405 No. San Fernando Blvd., #300
Burbank, CA 91504

Glossary of Terms

Remedial Investigation/Feasibility Study (RI/FS) - a two step process which focuses on the nature of site contamination and possible cleanup technologies.

Remedial Investigation (RI) - uses air, soil, and groundwater

samples to determine the characteristics and extent of the contamination. Ways or routes of exposure are identified at this time.

Feasibility Study (FS) - identifies and evaluates the remedial technologies or actions which can be used at the site. Remedial technologies and actions are evaluated on the basis of implementability, unit cost, availability, operation and maintenance, and regulatory constraints. During this process a Public Health and Environmental Risk Assessment is made.

Interim Remedial Measure (IRM) - a short term activity employed at sites where the threat to public health is imminent. The objective of this activity is to abate any immediate threat while being consistent with long term plans for the site.

Groundwater - water which is found in porous subsurface rock or soil layers. Wells can be placed in these layers and water can flow or be pumped from the source. The water obtained is either potable (safe for drinking purposes) or non-potable (unsafe for drinking purposes). Contaminants from the site may move through the intervening soil and rock layers and enter the groundwater.

Surface Water - water which is found in bodies which can be utilized without the use of well. The water obtained is either potable (safe for drinking purposes) or non-potable (unsafe for drinking purposes). Sources for such water include lakes, streams, and oceans.

Mailing List

If you wish to be on the DHS Lubrication Company of America mailing list, please fill out the form below and mail to:

Pauline Batarseh
Department of Health Services
Toxic Substances Control Program
1405 No. San Fernando Blvd., #300 • Burbank, CA 91504

Name _____
Organization _____
Address _____
City _____ Zip Code _____ Tel. _____

California Department of Health Services
Toxic Substances Control Program
1405 North San Fernando Boulevard, #300
Burbank, CA 91540

Exhibit A



ANTELOPE VALLEY (14) FREEWAY

NOT A PART

44
10.17 ± Ac.
1.00 ± (S. Area)
0.20 ± Ac.

45
25.05 ± Ac.
0.20 ± (S. Area)
25.25 ± Ac.

53
26.30 ± Ac.
0.37 ± (S. Area)
26.01 ± Ac.

53
25.00 ± Ac.
2.11 ± (S. Area)
23.77 ± Ac.

41
4.47
Acres

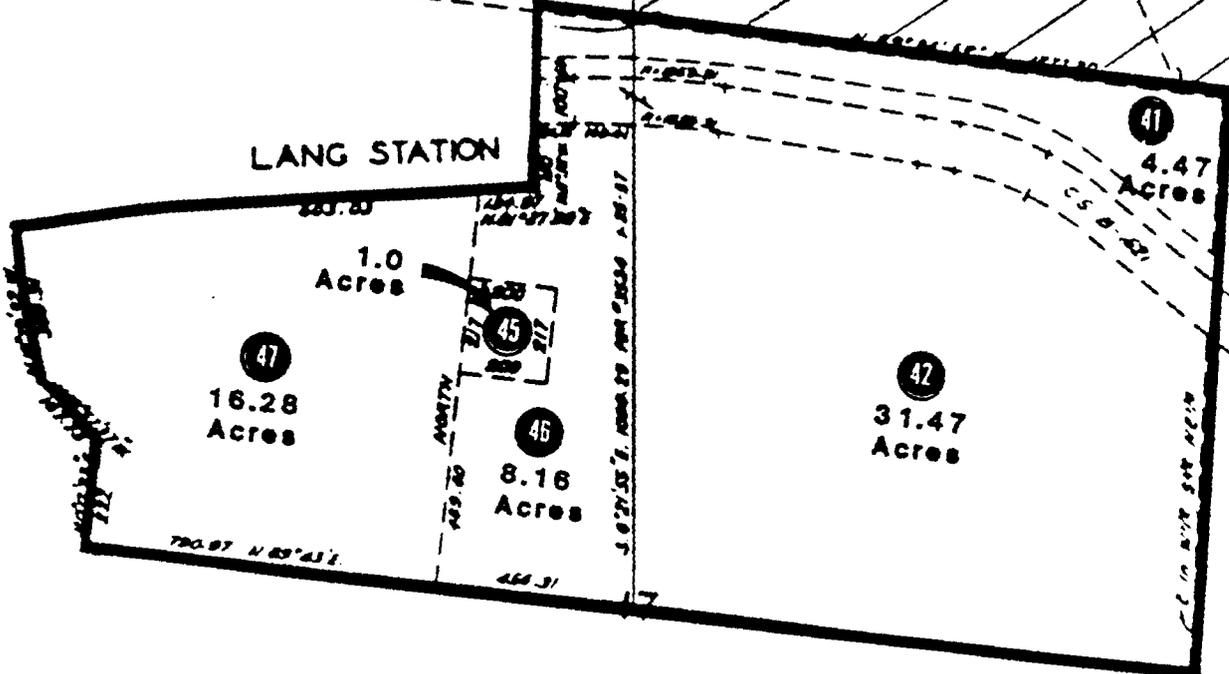
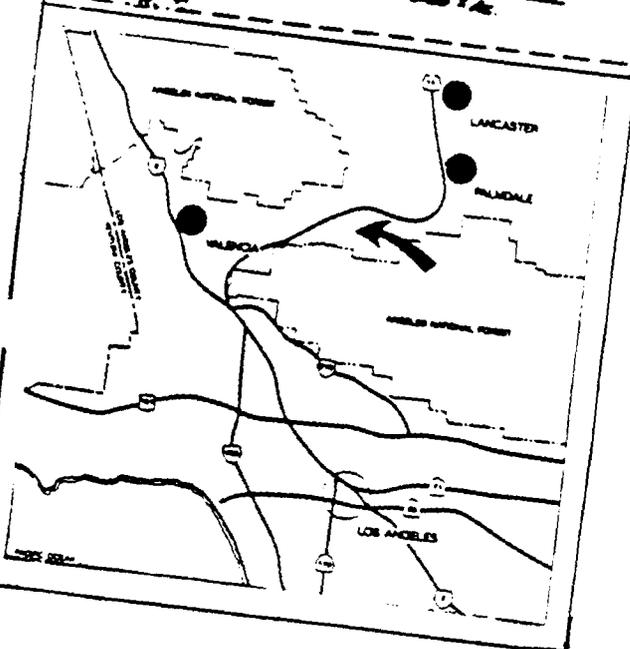
LANG STATION

1.0
Acres

47
16.28
Acres

45
8.16
Acres

42
31.47
Acres



LUBRICATION COMPANY OF AMERICA
SUMMARY OF GENERATORS LIST

	Facility	Type of Waste	Volume (gal)	%/Volume
1	1X Auger Industries Inc. 4050 Leaverton Ct. Anaheim, CA 92807 (714) 632-8256	Waste Oil/ Mixed Oil	274.75	0.004 %
2	1X Canady Manufacturing 500 5th St. San Fernando, CA 91340 (818) 365-9181	Waste Oil/ Mixed Oil	299.74	0.004 %
3	1X Cowan Precision Grinding 12864 Foothill Blvd. Silmar, CA 91342 (818) 361-3512	Waste Oil/ Mixed Oil	449.61	0.006 %
4	1X Long-Lok Fasteners Corp. 13709 S. Normandie Ave. Gardena, CA 90249 (213) 516-9099	Waste Oil/ Mixed Oil	199.83	0.003 %
5	1X Luthi Machinery & Engr. 1726 W. 180th Street Gardena, CA 90248 (213) 321-1337	Waste Oil/ Mixed Oil	479.58	0.006 %
6	AMF Distributors 1601 Bluff Rd. Montebello, CA 90640 (213) 887-7000	Diesel, gas mix	6,828.00	0.089 %
7	Abex Aerospace Division 2850 Skyway Drive Santa Maria, CA 93455 (805) 928-2671	Unspecified Waste Oil	699.39	0.009 %

Summary of Generator list for LCA
Page 2

	Facility	Type of Waste	Volume (gal)	%/Volume
8	Able Oil Co. 2461 Cedar Ave. Bakersfield, CA 93301 (805) 393-6470	Waste Oil/ Reclaimed Oil	199,980.00	2.606 %
9	Actron MFG, Inc. 3800 E. Miraloma Ave. Anaheim, CA 92806 (714) 630-3262	Waste Oil/ Mixed Oil	1,039.10	0.014 %
10	Advanced Gear & Machine 16201 S. Broadway Gardena, CA 90248 (213) 532-1906	Oil/Water Sep Sludge	2,422.88	0.032 %
11	Air Research MSG Co. 1944 W. North Lane Phoenix, AZ 85021 (602) 870-3711	Dirty Solvent	7,530.00	0.098 %
12	Allied Chem Co. 850 Sepulveda Blvd. El Segundo, CA 90245 (213) 615-0100	Sulfuric acid	28,487.66	0.371 %
13	Allision Manufacturing Corp. 6860 Farmdale Ave. No. Hollywood, CA 91605	Waste Oil/ Mixed Oil	414.51	0.005 %
14	American Container 152 St. and Ball Rd. Compton, CA 249 E Redondo Beach Blvd. Gardena, CA 90248	Fuel	7,050.00	0.092 %
15	Angeles Metal Trim Division 4817 E. Sheila Los Angeles, CA 90040 (213) 268-1777	Cont. Diesel fuel	12,762.00	0.166 %

Summary of Generator list for ICA
Page 3

	Facility	Type of Waste	Volume (gal)	%/Volume
16	Armar Precision Component 7424 Greenbush Ave. No. Hollywood, CA 91605 (818) 764-0901	Waste Oil/ Mixed Oil	1,398.79	0.018 %
17	Argo Petroleum 100 Quantico Ave. Bakersfield, CA 93307 (805) 822-2222	Waste Oil/ Reclaimed Oil	61,300.00	0.799 %
18	Asbury Environmental 2100 N. Alameda St. Compton, CA 90222 (213) 603-9960	Interface	15,580.00	0.203 %
19	Babb Tool & Machine, Inc. 15957 Illinois Ave. Paramount, CA 90723 (213) 633-9323	Waste Oil/ Mixed Oil	2,797.57	0.036 %
20	Baker Commodities 4020 Bandini Blvd. Los Angeles, CA 90023 (213) 268-2801	Fatty Acid/ Coco Fat/ Coconut Oil/ Yellow Grease	8,710.00	0.114 %
21	Balsells Engineering Co. 620 W. Warner Ave. Santa Ana, CA 92707	Waste Oil/ Mixed Oil	5,390.30	0.070 %
22	(Cal. Rendering) Darling Delaware Co., Inc. P.O. Box 58725 Los Angeles, CA 90058 (213) 269-7531	Yellow Grease	438.00	0.006 %

Summary of Generator list for ICA

Page 4

	Facility	Type of Waste	Volume (gal)	%/Volume
23	Calcor Space Facility, Inc. 12031 E. Philadelphia St. Whittier, CA 90601 (213) 945-1661	Waste Oil/ Mixed Oil	10,041.26	0.131 %
24	Capo Industries Division 410 Mc Groarty St. San Gabriel, CA 91776	Oil/Water Sep Sludge and Waste Oil/ Mixed Oil	1,099.04	0.014 %
25	Carlton Forge Works 7743 E. Adams St. Paramount, CA 90723 (213) 633-1131	Burner Fuel	5,500.00	0.072 %
26	Casmalia Disposal Resources P.O. Box 5275 Santa Barbara, CA 93150 (805) 969-5897	Waste Oil/ Mixed Oil	219.81	0.003 %
27	Clark & Wheeler Engr., Inc. 16615 Edwards Road Cerritos, CA 90701 (213) 926-0432	Waste Oil/ Mixed Oil	2,632.70	0.034 %
28	Container Devices Hawthorne, CA	Acetone & Alkahol	2,000.00	0.026 %
29	Cooks Screw Products 11419 Stewart St. El Monte, CA 91731 (818) 448-9495	Waste Oil/ Mixed Oil	219.81	0.003 %

Summary of Generator list for LCA
Page 5

	Facility	Type of Waste	Volume (gal)	%/Volume
30	DA Stuart Oil Co. 2313 Yates Ave. Commerce, CA 90040	Grease	3,657.00	0.048 %
31	Data Documents 17011 Green Dr. City of Industry, CA 91749 (818) 965-3323	Waste Oil/ Mixed Oil	299.74	0.004 %
32	De Britton Huntington Beach, CA	Waste Oil	13,600.00	0.177 %
33	(De Menno Resources) DeMenno/Kerdoon 2000 N. Alameda Street Compton, CA 90222 (213) 537-7100	Waste Oil/ Waste Fuel/ Drain Oil/ Reclaim Oil	133,001.00	1.733 %
34	Debble Lease Huntington Beach, CA	Waste Oil	24,000.00	0.313 %
35	Demarios & S.F. Slaughter Downey, CA	#2 Fuel	8,700.00	0.113 %
36	Dico Co. 2700 Rose Ave Hill, Suite K Signal Hill Long Beach, CA 90806 (213) 427-6074 (SH) (213) 427-9811 (WH)	Cutter Stock	23,164.00	0.302 %

Summary of Generator list for LCA

Page 6

	Facility	Type of Waste	Volume (gal)	%/Volume
37	E S C, Inc. 14115 Chadron Ave. Hawthorne, CA 90250	Waste Oil/ Mixed Oil	644.44	0.008 %
38	Economy Oil Co. Alviso, CA	Drain Oil	13,100.00	0.171 %
39	Edgington Oil Co. Mr. Mark Newgard President & CEO 2400 E. Artesia Blvd. Long Beach, CA 90805 (213) 423-1465	120 sec oil/ Gas Oil/ R.21 gas oil	371,446.00	4.841 %
40	Fabian Oil Co. Inc. Oakland, CA	Waste Oil/ Drain Oil	21,150.00	0.276 %
41	G. W. Bandy, Inc. Division 3420 N. San Fernando Blvd. Burbank, CA 91504 (818) 846-9020	Waste Oil/ Mixed Oil	4,396.19	0.057 %
42	GaTX 2000 Sepulveda Carson, CA 90810 (213) 831-6566 GaTX P.O. Box 9007 Carson, CA 90810 (213) 831-6566	Waste Solvent	3,775.00	0.049 %

Summary of Generator list for ICA
Page 7

	Facility	Type of Waste	Volume (gal)	%/Volume
43	Garrett Air Research Columbia Rd. P.O. Box 105712 Morris Town, New Jersey 07962 (201) 455-2000 (602) 231-1000 (AZ)	Waste Solvent	6,581.00	0.086 %
44	Gasco Gasoline, Inc. 2060 Knoll Dr. Ventura, CA 93006 (805) 654-8084	Gas oil	6,106.21	0.080 %
45	Hedger Co. 4945 Telegraph Rd. Los Angeles, CA 90022 (213) 264-1000	Waste Oil/ Mixed Oil	499.56	0.007 %
46	Hunt Wesson 1645 W. Valencia Dr. Fullerton, CA 92630 (714) 680-1000	Veg. Fat/ Soap stock	11,488.00	0.150 %
47	James B. Lansing Co.	Waste Solvent	2,620.00	0.034 %
48	Jarvis & Jarvis West 2300 Merced Ave. So. El Monte, CA 91733 (714) 551-2803	Waste oil/ Mixed oil	199.83	0.003 %
49	Jet Lube Glendale, CA	Waste Oil	1,400.00	0.018 %
50	John Reenes Ojai, CA	Waste Oil	56,755.00	0.740 %

Summary of Generator list for ICA
Page 8

	Facility	Type of Waste	Volume (gal)	%/Volume
51	<p>(John Teberg) JACAT Oil Company John Teberg 26133 Hatmor Drive Calabasas, CA 91302</p> <p>JACAT Oil Company Tom Laney P.O. Box 272 Huntington Beach, CA 92648</p>	Crude Oil/ Waste Oil/ Condensate	110,465.00	1.440 %
52	<p>Kaiser Steel 1600 Gage Rd. Montebello, CA 90640</p> <p>3851 Santa Fe LA, CA 90058</p>	Waste Oil	7,312.00	0.095 %
53	<p>(ICA-Commerce Facility) Mr. Grant Ivey Lubrication Company of America Commerce Facility 4212 East Pacific Way Los Angeles, CA 90023</p>	<p>#2 Sperm/ Lard Oil/ Waste Fuel/ Wet Slop Oil/ Slop Oil/ Contaminated MZY-413/ Diesel/ #2 Diesel/ Additive/ Ivey Processed Oil/ Ester/ 85 sec. oil/ Raw Drain Oil/ Drain Oil/ G.F. Compound Wet Waste Oil Waste Oil/ Contaminated Solvent/ Sulfinates/ NN24-421 Gas Oil/ Mixed Oil</p>	196,966.09	2.567 %

Summary of Generator list for LCA
Page 9

	Facility	Type of Waste	Volume (gal)	%/Volume
54	Lakewood Oil Service 11020 S. Bloom Santa Fe Springs, CA 90670 (213) 863-8755 500 Prospect St. Oakview, CA 93022	JPH/ Waste Oil/ Skim Oil	57,602.00	0.751 %
55	Lube Specialties	Waste Oil	7,250.00	0.094 %
56	Lundy Thagard 9302 South Garfield Ave. South Gate, CA 90280 (213) 773-4244	Diesel/ Waste Oil/ Gas Oil	96,009.00	1.251 %
57	Matt Scannell (805) 259-1719	Waste Oil/ Drain Oil/ Raw Drain Oil	7,570.00	0.099 %
58	Mobil Oil Co. J.W. Eisermann, Refinery Manager 3700 W. 190 th Street Torrance, CA 90509 (213) 328-2550 Mobil Oil Co. 612 Flower Street Los Angeles, CA 90054 (213) 626-5711	JP4 Waste Oil MZY-421/ MZY-409/ 120 sec oil	232,933.00	3.036 %
59	N. D. Industries 13929 Dinard Ave. Santa Fe Springs, CA 90670 (213) 926-3321	Waste oil/ Mixed oil	299.74	0.004 %

Summary of Generator list for LCA
Page 10

	Facility	Type of Waste	Volume (gal)	%/Volume
60	National Metal & Steel 22010 S. Wilmington Ave., Suite 102 Carson, CA 90745 (213) 549-6143	Fuel Oil/ #5 Fuel Oil	12,700.00	0.166 %
61	(Newhall Oil Refining Co.) Newhall Refining Company, Inc. R.J. Kerr, President 22674 N. Clappitt Road P.O. Box 938-91322 Newhall, CA 91321 (805) 259-2660	Diesel/ #2 Diesel/ 55 sec. oil/ 100 sec. oil/ 110 sec. oil/ 120 sec. oil/ 250 sec. oil/ gas oil	1,520,324.00	19.814 %
62	Norman Fox 5511 S. Boyle Vernon, CA 90058 (213) 583-0016 P.O. Box 58727	Lard Oil	10,942.00	0.143 %
63	Northrop Aircraft 1 Northrop Ave. Hawthorne, CA 90250 (213) 332-1000	JP4	23,550.00	0.307 %
64	Omega Chemical Corp. 12504 E. Whittier Blvd. Whittier, CA 90602 (213) 698-0991	Unspecified Aq. Sol.	32,971.35	0.430 %
65	Original Screw Manufact. 2409 Merced Ave. So. El Monte, CA 91733 (818) 579-6371	Waste Oil/ Mixed Oil	569.51	0.007 %

Summary of Generator list for ICA
Page 11

	Facility	Type of Waste	Volume (gal)	%/Volume
66	Oscar Meyer Co. 3301 East Vernon Vernon, CA 90058 (Plant closed) (213) 581-1674 Oscar Meyer Co. Fullerton Koal's Facility 1500 E. Walnut Fullerton, CA 92631 (714) 870-8235	PS 300	8,500.00	0.111 %
67	Overlan Plumbing Los Angeles, CA	#2 Diesel	550.00	0.007 %
68	Padway Aircraft Products 11040 Olinda St. Sun Valley, CA 91352	Waste oil/ Mixed oil	829.28	0.011 %
69	Petro Lock, Inc. P.O. Box 2226 Lancaster, CA 93539 (805) 948-6044	Mixed Aircraft Fuel	9,443.00	0.123 %
70	(Point Loma Fuel Depot San Diego, CA) Ms. Linda Geldner Southwest Division Engineering Branch 1220 Pacific Highway San Diego, CA 92132-5000	Waste fuel/ Waste Oil/ Contaminated Water	438,734.00	5.718 %
71	Rail Chemical P.O. Box 3800, Suite 120 Burbank, CA 91508 (818) 845-4279	Liquid Caustic	2,000.00	0.026 %

Summary of Generator list for ICA
Page 12

	Facility	Type of Waste	Volume (gal)	%/Volume
72	Refineries Service Co. 1724 W. McKinley Fresno, CA 93700	Waste Oil/ Drain Oil/ Waste Drain Oil	260,700.00	3.398 %
73	Rosen Electric 8226 E. Whittier Blvd. Pico Rivera, CA 90660 (213) 699-3212	Transformer Oil	21,420.00	0.279 %
74	Roy Stinnett Hermosa Beach, CA Huntington Beach, CA	Waste Oil	61,350.00	0.800 %
75	Rutherford Oil Co. 525 Seaside Way Long Beach, CA 90802 (ASPIS) Rutherford Oil Co. 3020 Orange Ave. Long Beach, CA 90807	Drain Oil/ Waste Oil	76,111.00	0.992 %
76	S&O Fred-Pool Huntington Beach, CA	Waste Oil	30,600.00	0.399 %
77	Safety Kleen Corp. 1000 S. I St. Reedly, CA 93654 (209) 638-3010	Bottoms/ Solvent Bottoms/ Residue Bottoms/	65,200.00	0.850 %
78	Sonic Testing & Engr., Inc. 10727 S. Garfield Ave. South Gate, CA 90280 (213) 771-6507	Waste Oil/ Mixed Oil	2,547.79	0.033 %

Summary of Generator list for LCA

Page 13

	Facility	Type of Waste	Volume (gal)	%/Volume
79	(Southland Oil Co.) Mr. Michael W. Johnson Registered Agent Southland Oil Inc. 13219 Goller Ave. Norwalk, CA 90650 Salley A. Cotrel, Esq. Lewis, D'Amato, Brisbois and Bisgaard 5 Park -Suite 300 261 South Figueroa St. Los Angeles, CA 90012	Drain Oil	48,334.00	0.630 %
80	(Standard Oil Co.) Chevron Corp. 324 W. El Segundo Blvd. El Segundo, CA 90245 (213) 615-5000	Diesel/ G.F. Compound	20,600.00	0.268 %
81	Station Oil Service Orange, CA	Waste Oil/ Drain Oil	45,169.00	0.589 %
82	Stauffer Chemical Co. 3200 E. 26th Street Los Angeles, CA 90023 Stauffer Chemical Co. 4570 Ardine Street South Gate, CA 90280	Sulfuric Acid	54,885.00	0.715 %
83	Stump Electric Co., Inc. 3414 East 14th Street Los Angeles, CA 90023 (213) 262-4858	Waste oil/ Mixed oil	79.93	0.001 %

Summary of Generator list for LCA
Page 14

	Facility	Type of Waste	Volume (gal)	%/Volume
84	(Superior Oil Sales- UNICAL) UNOCAL 2301 S. Riverside Ave. Bloomington, CA 92316 UNOCAL 1201 W. 5th Street Los Angeles, CA 90017 (213) 977-7600	Trans mix/ Interface/ Transmix oil	357,270.00	4.656 %
85	Supreme Steel Treating, Inc. 2466 Seaman Ave. South El Monte, CA 91733 (818) 350-5865	Waste oil/ mixed oil	624.45	0.008 %
86	Teledyne Semi Conductor 12525 Daphne Ave. Hawthorne, CA 90250 (213) 777-0077	Acetone & Alkahol	3,429.00	0.045 %
87	Torrance Heattreating 1812 Abalone St. Torrance, CA 90501 (213) 618-1355	Waste oil/ Mix oil	1,648.57	0.021 %
88	US Fort Ord Fort Ord, CA	Waste oil	6,150.00	0.080 %
89	US March AFB Southwest Air Defense Sector DEM March Air Force Base Riverside, CA 92518 (714) 655-1110	Waste Fuel Waste oil/ Mixed Fuels/	35,410.00	0.461 %

Summary of Generator list for LCA
Page 15

	Facility	Type of Waste	Volume (gal)	\$/Volume
90	(US Marine Corps. El Toro, CA) Ms. Linda Geldner Southwest Division Engineering Branch 1220 Pacific Highway San Diego, CA 92132-5000	Contaminated fuel/ Mixed fuel/ Waste Fuel/ JP5 Waste Fuel/ Mixed Avia. gas & JP5/ Waste Oil	500,045.00	6.517 \$
91	(US Naval Air Station North Island) N.W. Clements, Commander, CEC Staff Civil Engineer NAS North Island Code 18 San Diego, CA 92135-5018 Ms. Linda Geldner Southwest Division Engineering Branch 1220 Pacific Highway San Diego, CA 92132-5000	Mixed Fuel/ Waste Oil/ Waste Fuel/ Waste Solvent	227,140.00	2.960 \$
92	(US Naval Shipyard (LB) Long Beach, CA) Ms. Linda Geldner Southwest Division Engineering Branch 1220 Pacific Highway San Diego, CA 92132-5000	Contaminated fuel/ Waste Oil/ Waste Fuel/ Waste Fuel Oil	1,550,701.00	20.210 \$
93	US Naval Shipyard (SD) Ms. Linda Geldner Southwest Division Engineering Branch 1220 Pacific Highway San Diego, CA 92132-5000	Waste Solvent	58,255.00	0.759 \$

Summary of Generator list for LCA
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	Facility	Type of Waste	Volume (gal)	%/Volume
94	US Naval Weapons Station Ms. Linda Geldner Southwest Division Engineering Branch 1220 Pacific Highway San Diego, CA 92132-5000	Waste oil	8,175.00	0.107 %
95	US Navy-Rough Ms. Linda Geldner Southwest Division Engineering Branch 1220 Pacific Highway San Diego, CA 92132-5000	Waste oil	9,800.00	0.128 %
96	US Nellis Air Force Base North Las Vegas, Nevada	JP-4 Waste Fuel/ Waste Oil/ Jet Fuel Drain Oil	39,230.00	0.511 %
97	(US Norton AFB San Bernardino, CA) Mr. Steve Daneke Environmental Compliance Chief 63 Civil Engineering Squadron (MAC) San Diego, CA 92409-5996 (714) 382-3909	Waste Fuel Waste Jet Fuel/ Waste Oil/ Petroleum Waste/ Water/ Mixed Fuel	106,163.00	1.384 %
98	(USMCAS Helicopter Base Santa Ana, CA) Ms. Linda Geldner Southwest Division Engineering Branch 1220 Pacific Highway San Diego, CA 92132-5000	Waste Fuels	109,135.00	1.422 %

Summary of Generator list for LCA
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	Facility	Type of Waste	Volume (gal)	%/Volume
99	Union Minerals Alloy Corp. San Pedro, CA	Navy Special Fuel oil	17,281.00	0.225 %
100	Union Oil Chemical Division 14445 Alondra La Mirada, CA 90638 (714) 228-4700	aqua ammonia	3,500.00	0.046 %
101	Unitek Corp. 1820 S. Myrtle Ave. Monrovia, CA 91016 (818) 445-7960 (new address) Unitek Corp. 2724 South Peck Road Monrovia, CA 91016	Waste oil/ mixed oil	199.83	0.003 %
102	Valley Petroleum Dist. Sacramento, CA	Contaminated Fuel/ Per. Chlor./ Waste Oil/ Methenol/ Drain Oil	49,425.00	0.644 %
103	W&F MFG, Inc. 600 Paula Ave. Glendale, CA 91201 (818) 246-6777 W&F MFG, Inc. P.O. Box 30 Glendale, CA 91209	Waste oil/ Mixed oil	249.78	0.003 %

