Lockheed Corporation

4500 Park Granada Boulevard
Calabasas, California 91399

SFUND RECORDS CTR
2166-03818

SFUND RECORDS CTR
88133239
ITX 2166-03818

September 17, 1992

Mr. Chris Stubbs
South Coast Groundwater Section (H-6-4)
U.S. Environmental Protection Agency
P.O. Box 193036
San Francisco, CA 94119-3036

Re: EPA CERCLA Section 104(e) Request for Information
Lockheed Plant C-1 and Building 528, Burbank, Calif.

Dear Mr. Stubbs:

This letter is submitted on behalf of Lockheed Corporation (Lockheed) in response to the EPA Request for Information pursuant to CERCLA Section 104(e) pertaining to Lockheed's Plant C-1 and Building 528 in Burbank, California. (Please note that the address for Building 528 is Sun Valley, California, which is a part of the City of Los Angeles.)

Previously, Lockheed has submitted information and documents pertaining to the EPA's investigation of possible contamination of soil and groundwater in the San Fernando Valley. These submittals may be referred to for more general information. This response will be restricted to information and documents pertaining to Plant C-1 and Building 528, with a single item response pertaining to Lockheed's former Plant B-5.

Lockheed has not and does not intend to make a claim of confidentiality for any of the information/documents provided.

Lockheed's responses are as follows:

o Item 1.

Indexes of reports pertaining to environmental investigations of Plant C-1 and Building 528 are appended hereto as Attachment 1A and Attachment 1B, respectively. In a letter dated August 8, 1990, the Water Board stated that no further soil investigation or any soil remediation was required at Building 528 but that groundwater monitor well sampling was to continue (there is a cluster of three wells on the Building 528 property).

o Item 2.

A copy of the requested report is appended to this response as Attachment 2.

o Item 3.

A copy of the requested report is appended to this response as Attachment 3.

o Item 4.

Plant C-1 is and Building 528 was owned by Lockheed Air Terminal, Inc. (LAT), a wholly owned subsidiary of Lockheed. The particulars as to each were as follows:

a. Plant C-1 - LAT acquired title to the property in the late 1940s or early 1950s. It is still the owner of record of the property. The Lockheed-California Company, a division of Lockheed, and its successors, operated the facility beginning in approximately 1952 (the original Lockheed buildings were constructed that year) and continued operation of the facility until 1991 when Lockheed Advanced Development Company, a division of Lockheed Corporation, halted operations at the facility. All manufacturing operations at the facility have ceased, and it is undergoing demolition and remediation. (Attachment 3 indicates that a review of aerial photographs taken before 1952 show several structures on the property. Lockheed Facilities Engineering information indicates the inception of Plant C-1 was in 1952.)

b. Building 528 - LAT bought this office building with surrounding parking lot in 1967 and used it as an office building until June 1991 when it was deeded to Donald Marks, Trustee under the Marks Living Trust.

o Item 5.

Information on prior owners of Plant C-1 and Building 528 is as follows:

a. Plant C-1 - It is known that the United States owned the real property now known as Plant C-1 in 1945. The information available to Lockheed indicates that the United States acquired the property from Adohr Milk Farm at an unknown date (but it is presumed to have been during World War II, probably some time in 1942, because the start dates for other United States' interest at or about the Burbank Airport originated in 1942). Lockheed currently has no information concerning the release of hazardous materials on the property during the period of its ownership by the United States.

b. Building 528 - The property on which Building 528 is situated was acquired by Flying Tiger (a cargo airline) in 1951 (it is believed to have been farmland prior to that time). Flying Tiger built Building 528 and used it as its corporate headquarters until it vacated the premises in 1966. Lockheed currently has no information concerning the release of hazardous materials on the property during the period of its ownership by Flying Tiger.

o Item 6.

There were no known prior lessees of either Plant C-1 or Building 528. Lockheed, through its Lockheed-California Company division and its successors, is believed currently to have been the original and only operator of Plant C-1 (beginning in 1952). As related in response to Item 5, Flying Tiger used Building 528 as its corporate headquarters offices from 1951 to 1966.

o Item 7.

The by-building/other areas and chemical use history of Plant C-1 is appended to this response as Attachment 4. The use of Building 528 by Flying Tiger and LAT was restricted to office space. No use or storage of chemicals in the building has been documented for the period of LAT's ownership and use.

o Item 8.

Former Lockheed Plant B-5 was located in the southwest portion of what is now the Burbank Airport. It ceased its existence as Plant B-5 when that portion of the Lockheed property, including the Burbank Airport, was sold by Lockheed to the Burbank-Glendale-Pasadena Airport Authority. Specific information, as available, on Plant B-5 is as follows:

a. Ownership - During and after World War II, the United States owned, leased and had licensed use rights to various tracts that made up the property occupied by Plant B-5. LAT ultimately acquired ownership of all of the property comprising Plant B-5 and sold it to the Burbank-Glendale-Pasadena Airport Authority in 1978. The Burbank Airport Authority has owned the property since that time and leased it to others.

b. Operation - Plant B-5 was operated by Lockheed and its various divisions from approximately 1942 until the property was sold to the Burbank Airport Authority. The plant was used primarily for aircraft assembly and modification with some fabrication and manufacturing research occurring at various times.

Since Plant B-5 has not been used by Lockheed since 1978, information on specific industrial uses and chemical uses are not readily available. However, some information has been developed, including a report appended to this response as Attachment 5, which Lockheed-California Company prepared to assist the City of Burbank when the latter was applying for a NPDES permit in 1975. The information contained therein was current as of 1974.

In addition, there is information, circa 1965, concerning chemical storage at Plant B-5, which was as follows:

a. Bermed storage area for flammable liquids, located on the east side of Building 341;

b. Diked area containing seven (7) above ground storage tanks, located on the east side of Building 341:

1. 3,000 gal. tank sealer

2. 2,000 gal. tank sealer

3. 3,500 gal. tank sealer

4. 2,540 gal, solvent

5. 5,700 gal. solvent

6. 2,500 gal. solvent

7. 1,000 gal. Methyl Iso-Butyl Keytone

c. A tank containing 11,000 gal. of paint solvent, located north of Building 31 (no notation of whether it was an UST or AGST); and

d. Diked area containing four (4) storage tanks and one (1) sludge tank, located on the east side of Building 33:

1. 10,000 gal. fuel oil

2. 12,000 gal. tank sealer

3. 12,000 gal. solvent

4. 2,500 gal. Methyl Iso-butyl Keytone

5. No marked volume for sludge tank

For the period 1970 to 1975, the following buildings were used primarily for the assembly of aircraft components, as follows:

Building No.	Function
5	Offices & Mfg. Research
6	Maintenance and Parachute Packing
20	Small Degreasing and Aluminum Cleaning, Missile Nose Cone Testing
20A	Missile Nose Cone Assembly Small Parts Fabrication
23	Aircraft Modification and Electrical Assembly
24	Aircraft Assembly
25	Aircraft Assembly
31(apron)	Aircraft Wash Rack
341	Wing Tank Seal Buna-N-
344	Wing Tank Seal Buna-N-
414	Degreasing, Cleaning, and Coating

At this time, a degreaser was located at the east end of Building 414. Approximately 48 inches of this degreaser was below grade. The degreaser was believed to have a 1200 gallon capacity and was used to store 1,1,1-TCA. Also, within Building 414 were six (6) process tanks in an above-ground concrete bermed area used for aluminum & magnesium thorium, cleaning, pickle, and coating.

A degreaser was located within the northwest corner of Building 20 prior to 1971, when it was relocated to outside Building 20A. The degreaser had an unknown capacity, although it was estimated to hold up to 50 gallons and was used to store PCE.

o Item 9.

A summary of known releases at Plant C-1 is appended to this response as Attachment 6. There were no known leaks, spills or releases of hazardous materials from Building 528 during LAT's ownership and operation of that facility.

The requested Affidavit concerning the degree of effort expended in developing documents/information for this response is attached.

Future correspondence relating to this matter should be addressed to the undersigned at the above address. My telephone number is (818)876-2362.

Very truly yours,

William A. Sullivan (KS)

William A. Sullivan
Corporate Counsel

WAS:KLS

Enclosures

cc: R. Helgerson
G. McClintock, Esq.

Attachment 1A for Lockheed Response to
~~Item~~ 1.
EPA Request for Information
Plant C-1 and Bldg. 528

2166-03818

PLANT C-1
INDEX OF REPORTS

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
Aerial Remote Sensing of Groundwater Contamination Sources Eastern San Fernando Valley; 1968 - 1986	Lockheed Engineering and Sciences Company	12/88	Hydrogeological Surveys Groundwater - Contamination Groundwater - Flow Direction Aerial Photographs Groundwater - SFV Site Assessment PRP
Asbestos Building Inspection and Design Issues Summary for Plant C-1; Lockheed Engineering and Sciences Company, Plant C-1 Decommissioning	URS Consultants, Inc.	08/09/91	Asbestos Surveys Plant C-1 ACBR - Plant C-1 Asbestos - Plant C-1
Baseline Report, Lockheed California Company, Plants A-1, B-1, B-6, C-1, 2, 10 Sites 2 & 5, Burbank, CA A General Description of Wastewater generation, Treatment, and Disposal	Lockheed Aeronautical Systems Company	03/83	Water Analyses Waster material Samples Contamination Surveys Groundwater Contamination Wastewater Disposal
Burbank Airport - Partial CRWQCB Files as of 11/19/90	A.L. Burke, Engineers, Inc.		Soil Surveys - Burbank Airport Soil/Gas Surveys - Burbank Airport Lite Assessment - Burbank Airport Soil Samples - Burbank Airport (Analyses) USTs - Burbank Airport

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
Draft Environmental Assessment for Lockheed Aeronautical Systems, Plant C-1, Burbank, CA	McLaren Environmental	11/03/88	Site Description - Plant C-1 Site Assessment
Evaluation of Potential Contamination Source Areas; Lockheed Aeronautical Systems, Burbank, CA	Hargis & Associates, Inc.	06/01/90	Soil Gas Surveys Groundwater Surveys Soil Surveys USTs PRP
Executive Summary LDI Report UST Compliance Program; Lockheed Aeronautical Systems Company, Burbank, CA	ENSR Consultants	07/89	Leak Detection USTs - Monitoring USTs - Inventory Soil Samples, Analyses USTs
Facilities Assessment and Pre-demolition Remedial Design Specification for Plt. C1, Decommissioning	URS Consultants, Inc.	08/26/91	Facilities Assessment - Plt. C1 Hazardous Materials Survey - Plt. C1 Contamination Surveys - Plt. C1 USTs Cleanup - Plt. C1 Hazardous Materials Disposal - Plt. C1 USTs Removal - Plt. C-1
Geohydrologic Interpretation of Temperature Logs; Lockheed Engineering and Science Co., Burbank, CA	GSI/Water	03/25/92	Groundwater Temperature
Groundwater Assessment South of the Vanowen Alignment, Burbank, CA	Hargis & Associates	04/30/92	Monitor Wells Installation VOC Surveys Soil Samples - Analyses Aquifer Testing Groundwater Samples - Analyses Hydrogeology

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
Groundwater (Interim) Assessment Report, Lockheed Engineering & Sciences Co., Burbank, CA	Hargis & Associates	02/28/91	Groundwater Surveys Injection Wells Groundwater Models Groundwater Samples - QA/QC Water Levels Monitor Wells Groundwater Samples - Analyses Hydrographs Aquifer Tests
Groundwater Sampling; Lockheed Aeronautical Systems Company, Burbank, CA	The Mark Group, Engineers & Geologists, Inc.	10/88	Groundwater Samples - QA/QC Groundwater Samples - Analyses Monitor Wells Sampling Procedures
Groundwater (Phase IV) Monitoring Program Report; Lockheed Aeronautical Systems, Company, Burbank, CA	Radian Corporation	08/89 thru 02/91	VOCs Groundwater Samples - Analyses Groundwater Samples - QA/QC Monitoring Wells Monitoring Wells - Pumps Sampling Procedures Quarterly Groundwater - Sampling Reports
Groundwater Monitoring Report; Lockheed Engineering and Sciences Company, Burbank, CA	Hargis & Associates	05/90 thru 05/92	VOCs Groundwater Samples - Analyses Groundwater Samples - QA/QC Monitoring Wells Monitoring Wells - Pumps Sampling Procedures Quarterly Groundwater - Sampling Reports
Groundwater Protection Program, UST Investigation, Lockheed California Company Burbank, CA	Lockheed	09/83	USTs - Inventory

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
LASC Historical Investigation Employee Interview and Records Search; Second Draft	Lockheed Engineering & Sciences Company	05/01/88	Contamination Surveys Hazardous Material - Surveys USTs - History
Leak Detection Investigation Lockheed Aeronautical Systems Company, Burbank, CA	ENSR Consulting and Engineering	07/89	Leak Detection USTs Vapor Monitoring Wells Soil Samples - Analyses Boring Logs Soil Vapor Surveys
Letter Report on Evaluation of Potential Groundwater Nitrate Sources at the Lockheed Aeronautical Systems Facility, Burbank, CA	Hydro-Search, Inc.	01/31/89	Contamination Surveys Contamination - Analyses Groundwater - Contamination
Monitor and Injection Well Installation February through April 1990; Lockheed Engineering and Sciences, Co., Burbank, CA	Hargis & Associates	08/28/91	Groundwater Samples - Analyses Monitor Wells - Installation Injection Wells - Installation Aquifer Tests
Monitor Well Installation Plan; Lockheed Engineering and Sciences Company, Burbank, CA.	Hargis & Associates, Inc.	04/20/92	Monitor Wells - Installation Work Plan Groundwater Samples - Analyses " " Groundwater Samples - QA/QC " " Sampling Procedures Wells Installation - Work Plan
Non-Destructive Asbestos Survey and Evaluation for Plt. C1, Burbank, CA	McLaren & Hart	01/25/91	Asbestos Surveys - Plt. C1 ACBM - Plt. C1 Asbestos - Plt. C1 - Sample Logs

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
Phase II - Investigation Report; Lockheed Plt. C-1, LAT Parting Lot, Burbank, CA	McLaren & Hart	12/09/91	Boring Logs - Plt. C1 VOCs Surveys - Plt. C1 Soil Surveys - Plt. C1 Soil Samples Analyses - Plt. C1 Soil Samples QA/QC - Plt. C1
Phase IIB - Investigation Report; Lockheed Plt. C-1, Burbank, CA	McLaren & Hart	01/92	Boring Logs - Plt. C1 Soil Surveys - Plt. C1 Soil Samples Analyses - Plt. C1 Soil Contamination Surveys Plt. C1 USTs Site Assessment - Plt. C1 Hazardous Materials Surveys - Plt. C1
Preliminary Geotechnical Investigation, Lockheed Burbank, CA	McLaren & Hart	08/20/91	Grading - Plt. C1 Boring Logs - Plt. C1 Soil Surveys - Plt. C1 Soil Samples - Plt. C1
Proposed Groundwater Monitoring Program, Lockheed California Company, Burbank, CA	Gregg & Associates, Inc.	01/24/86	Monitor Wells Installation - Work Plan Groundwater Samples - Work Plan Groundwater Flow Direction - Work Plan Wells Installation - Work Plan
Proposed Sampling and Analysis Schedule for Future Groundwater Monitoring; Lockheed Aeronautical Systems Company	Hargis & Associates, Inc.	07/31/90	Monitor - Work Plan Groundwater Analyses - Work Plan Groundwater QA/QC - Work Plan Hydrographs Water Analyses - Work Plan
Proposed Sampling and Analysis Schedule for October 1991 to September 1992 Ground-water Monitoring; Lockheed Engineering & Sciences Company Burbank, CA	Hargis & Associates, Inc.	07/31/90	Water Analyses - Work Plan Groundwater Analyses - Work Plan Groundwater QA/QC - Work Plan Hydrographs Monitoring - Work Plan

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
Remedial Action Work Plan; Lockheed Corporation, Plt. C-1 Site Remediation Work Plan, Sampling Analysis and QA/QC Plan, Site Health & Safety Plan	Canonie Env. Services Corp.	01/92	Excavation Plt C1 - Work Plan Soil Remediaiton Plt. C1 - Work Plan VOC Surveys Plt. C1 Soil contamination Plt. C1 Grading Plt. C1 - Work Plan Soil Sampling Plt. C1 - Procedures
Request for Closure in Place of Underground Storage Tanks at the Burbank Facility; Lockheed Aeronautical Systems Company	ENSR Corporation	01/10/89	USTs Closure Permits USTs Closure - Work Plan
Request for Closure in Place of USTs; A-1-F, B-6F-8, B-6-U, C-1-A, A-1-F-1, A-1-F-Z; Lockheed Aeronautical Systems Company Burbank, CA	ENSR Corporation	04/89	USTs Closure Permits USTs Closure - Work Plan
Results of Groundwater Monitoring Program; Phase 2 Plants A-1, B-1, B-6, C-1, Lockheed-California Burbank, CA	Gregg & Associates	01/15/88	Monitor Wells - Installation Groundwater Samples - Analyses VOCs Groundwater Samples - QA/QC Boring Logs
Results of Field Investigations Conducted at the Lockheed Facility; Burbank, CA - December 5, 1988 through February 3, 1989	Spectrum Env. Services	02/89	USTs - Plant A1 USTs - Plant B1 USTs - Plant B6 USTs - Plant C1 USTs - Site Assessments USTs - Inventory

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
Results of Groundwater Monitoring Program; Plants A-1, B-1, B-6, C-1, Lockheed-California Burbank, CA	Gregg & Associates, Inc.	04/30/87	Monitor Wells - Installation Groundwater Samples - Analyses VOCs Groundwater Samples - QA/QC Boring Logs Soil Samples - Analyses
Report on Installation/ Construction of Groundwater Monitoring Wells at the Lockheed-Burbank Facilities, Areas 5, 6, 7, & 8 (Phase 3)	URS Consultants, Inc.	12/05/88	Monitor Wells - Installation Wells Installation Groundwater Samples - Analyses Boring Logs Soil Samples - Analyses
Results of Subsurface Investigation Beneath Metal Salvage and Drum Storage Area; Lockheed Aeronautical Systems Company Plt. C1-, Burbank, CA	Gregg & Associates, Inc.	04/04/88	USTs - Plt. C1 Soil Contamination Surveys Plt. C1 - Site Assessment Soil Samples - Plt. C1 - Analyses VOCs - Plt. C1 Boring Logs - Plt. C1
Results of Underground Leak Detection Program for Lockheed California Plt. C1, Burbank, CA	Gregg & Associates, Inc.	01/27/86	Leak Detection - Plt. C1 USTs Plt. C1 - Monitoring Vapor Monitoring Wells - Plt. C1
Sample, Collection and Laboratory Analysis of Soil Underlying a leaking Transformer at B/35, Plt. C1 Burbank, CA	Gregg & Associates, Inc.	05/12/87	Soil Samples - Plt. C1 - Analyses Soil Contamination - Plt. C1
Scope of Work for Monitoring Well Samples Isolation pumps/sample Testing and Aquifer Testing	Lockheed Aeronautical Systems Company	04/21/88	Sampling - Contracts and Specifications Aquifer Tests - Contracts and Specifications Groundwater Samples - Contracts and Specifications VOC Surveys - Contracts and Specifications Pumps Testing - Contracts and Specifications

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
Site Assessment Report; Lockheed Aeronautical Company, Burbank, CA;	URS Consultants	09/15/89	Groundwater Samples Soil Contamination Surveys Groundwater Contamination Technical Discussion Surveys Site Assessment Hydrogeological Surveys Groundwater Models Soil Samples Monitor Wells Water Levels
Site Characterization Service Road, Phase 1: Soil and Soil Gas Sampling; Burbank-Glendale-Pasadena Airport Authority, Burbank, CA	A.L. Burke Engineers, Inc.	07/01/90	Hazardous Materials - Plt. C1 Soil Samples - Plt. C1 Analyses Soil Gas Surveys - Plt. C1 Soil Surveys - Plt. C1 VOC Surveys - Plt. C1
First Round Soil Investigation Results; Lockheed Aeronautical Systems Company, Plt. C1, B/35, Burbank, CA	McLaren/Hart	07/25/90	Boring Logs - Plt. C1 Soil Surveys - Plt. C1 Soil Contamination Surveys - Plt. C1 Soil Samples - Plt. C1 - Analyses
Soil Investigation (Rounds 2 through 6) Lockheed Plant C1, Burbank, CA	McLaren/Hart	05/91	Boring Logs - Plt. C1 Soil Surveys - Plt. C1 Soil Samples - Plt. C1 Soil Contamination Surveys - Plt. C1
Underground Storage Tank C-1-A Removal Report Plant C1	URS Consultants	03/12/92	USTs Plt. C1 - Removal Hazardous Material Surveys - Plt. C1 Soil Samples - Plt. C1 - Analyses
Underground Storage Tank Closure Report; Tank C-1-A Plant C1, Lockheed Aeronautical Systems Company, Burbank, CA	ENSR Consulting and Engineering	05/01/90	USTs Plt. C1 - Closure Hazardous Materials - Plt. C1 Disposal

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
UST Correlations Chart ("Tank" Inventory)	Roy F. Weston, Inc.	05/90	USTs - Description USTs - Inventory
Water Level Elevation Data; Lockheed Aeronautical Systems, Co., Burbank, CA	Hargis & Associates	04/06/90	Water Levels Hydrographs
Water Level Elevation Data Summary for Lockheed Aeronautical Systems, Co., Monitoring Wells	Hargis & Associates		Water Levels Monitoring Wells
Work Plan for Conversion of Four Deep Multiple Screen Wells to Multi-Level Monitoring System	URS Consultants, Inc.	02/15/91	Monitor Wells - Conversion Work Plan Multiple Screen Wells - Work Plan Grouting - Work Plan Waterloo System - Work Plan
Work Plan For Installation of Additional Groundwater Monitoring Wells (Recommended Well Locations, Construction Details and Rationale) Lockheed Aeronautical Systems Co., Burbank, CA	Lockheed Aeronautical Systems Co., Mark Group	03/31/88	Monitor Wells - Installation Work Plan Wells Installation - Work Plan
Work Plan for Installation of Phase 4 Groundwater Monitoring Wells; Lockheed Aeronautical Systems, Co. Burbank, CA	Lockheed Aeronautical Systems Co.	01/10/89	Monitor Wells - Installation Work Plan
Work Plan for Phase IIB Investigation/Remediaiton Lockheed Plt. C1, Burbank, CA	McLaren/Hart	06/10/91	Soil Surveys - Plt. C1 - Work Plan USTs Plt. C1 - Site Assessment

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
Work Plan for Plt. C1; Building Inspection and Asbestos Abatement Design Plt. C1 - Decommissioning	URS	07-26-91	ACBM - Plt. C1 - Work Plan Asbestos Surveys - Plt. C1 - Work Plan
Remedial Action Work Plan Lockheed Corporation Plt. C-1 - Site Remediation	Canonie Env. Services, Corp.	01/92	Work Plan to Remediate Soil Contamination at Plt. C-1
Confirmation Sampling Plan Lockheed Plt. C-1 Site Remediation Bldg. 40 10720 Sherman Way, Burbank, CA	Canonie Env. Services, Corp.	06/92	Comprehensive Plan for Performing Post Excavation Sampling of Remedial Efforts at Building 40.
Confirmation Sampling Results Bldg. 40 Excavation (0 to 40 Ft) Lockheed Plt. C-1, Site Remediation Burbank, CA	Canonie Env. Services, Corp.	07/92	Report of Analytical Results Obtained during Confirmation Sampling (0-40 Ft.)
Confirmation Sampling Results Bldg. 40 Auger Excavations Plt. C-1, Remediation Burbank, CA	Canonie Env.	07/92	Report of Analytical Results Obtained during Confirmation Sampling Auger Excavation.

Attachment 1B for Lockheed Response to
Item 1.
EPA Request for Information
Plant C-1 and Bldg. 528

BUILDING 528

INDEX OF REPORTS

TITLE	PREPARED BY	PUBLICATION DATE	BRIEF DESCRIPTION OF REPORT
Environmental Assessment Lockheed Air Terminal, Inc. Building 528, Sun Valley, CA	McLaren Engineering	8/89	Uses of and environmental circumstances pertaining to Building 528
Supplemental soil investigation results, Lockheed Air Terminal, Inc., Bldg. 528, Sun Valley, CA	McLaren Engineering	5/90	Results of soil investigation conducted at request of California Regional Water Quality Control Board-Los Angeles Region

Attachment 2 for Lockheed Response to Item 2.

EPA Request for Information

Plant C-1 and Bldg. 528

RESULTS OF SUBSURFACE INVESTIGATION BENEATH METAL SALVAGE AND DRUM STORAGE AREA LOCKHEED AERONAUTICAL SYSTEMS COMPANY PLANT C-1, BURBANK, CALIFORNIA

SUBMITTED TO
CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD
LOS ANGELES REGION

FROM
LOCKHEED AERONAUTICAL SYSTEMS COMPANY
BURBANK, CALIFORNIA

PREPARED BY
GREGG & ASSOCIATES, INC.
FOUNTAIN VALLEY, CALIFORNIA

APRIL 4, 1988

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TABLE 2 - SUMMARY OF TOTAL PETROLEUM HYDROCARBON VALUES
TABLE 3 - SUMMARY OF EPA METHOD 8010/8020 RESULTS
TABLE 4 - SAMPLES COMPOSITED FOR CHEMICAL ANALYSIS
TABLE 5 - CALIFORNIA ADMINISTRATIVE CODE METALS RESULTS

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APPENDICES

APPENDIX A - LITHOLOGIC LOGS
APPENDIX B - LABORATORY REPORTS AND CHAINS OF CUSTODY

This report, including all related activities, was prepared or conducted under the direct supervision of Dean O. Gregg, President of Gregg & Associates, Inc. our professional services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by other geohydrologists and engineers practicing in this field. No other warranty, expressed or implied, is made as to the professional advice in this report.

Date 4-4-88

Dean O. Gregg
California Professional Engineer No. 37659
California Registered Geologist No. 4122

RESULTS OF SUBSURFACE INVESTIGATION BENEATH METAL SALVAGE AND DRUM STORAGE AREA AT LOCKHEED AERONAUTICAL SYSTEMS COMPANY, PLANT C-1, BURBANK, CALIFORNIA

1.0 INTRODUCTION

In September 1987, Lockheed Aeronuatical Systems Company (LASC) retained Gregg & Associates, Inc. to conduct a subsurface investigation beneath a metal salvage and drum storage area at Plant C-1 in Burbank, California. Gregg & Associates, Inc. is an environmental consulting firm specializing in hydrogeology and environmental engineering. The objective of the subsurface investigation was to assess the lateral and vertical extent of suspected contamination in the metal salvage and drum storage area. This report documents the procedures, findings, and conclusions of the investigation and presents recommendations for further work.

1.1 GENERAL OVERVIEW

LASC's Plant C-1 is located within the City of Burbank, California and is boundeed on the north by Sherman Way, on the east and south by the Burbank-Glendale-Pasadena Airport, and on the west by Vineland Avenue (Figure 1). Plant C-1 is utilized by LASC for aircraft manufacturing, maintainence, and modification. These activities create the need for a storage area for metal scrap, machining oils, coolants, and solvents. The metal salvage and drum storage area at Plant C-1 is located in the southeast

corner; south and east of Building 40 and south of Building 53 (Figure 2).

1.2 STORAGE AREA DESCRIPTION

Asphalt and concrete pavement in the Plant C-1 metal salvage and drum storage area are heavily stained due to numerous spills that have occurred from past activities (Figure 3). The southeast corner of the storage area is bermed by a 6-inch high asphalt curb. An unpaved area to the southeast of the storage area exhibits surface staining from oil that has overflowed the berm. In addition, there are two underground sumps in the storage area that contain unidentified liquids.

The storage area is underlain by thick deposits of alluvium of Holocene and Pleistocene age. The alluvium consists principally of stream channel, fan, and basin deposits. Much of the alluvium of Holocene age probably originated as fan deposits from La Tuna Canyon in the Verdugo Mountains, located northwest of LASC.

Recent drilling and installation of LASC ground-water monitoring Well C-1-MW1 in August, 1986, revealed that the lithology beneath Plant C-1, to a depth of 554 feet below ground surface, is characterized by alternating unconsolidated and semi-consolidated deposits of gravelly sand, silty sand, clayey sand, and sandy clay with intermittant cobbles. The sands are poorly to moderately well graded, semi-angular, and range from fine to

coarse grained. The gravel is also semi-angular and, for the most part, fine. Both the silty and clayey sands exhibit slight to low plasticity, and the sandy clay exhibits low to moderate plasticity.

On 28 October 1987, static ground-water levels beneath LASC ranged from approximately 105 to 230 feet below ground surface. This wide range in depth to ground water is largely due to variations in land surface elevation. Ground-water elevations vary between approximately 495 feet and 520 feet above mean sea level (MSL). Depth to ground water in Well C-1-MW1, located just south of the storage area (Figure 3), was 220 feet (507 feet above MSL) on 28 October 1987.

2.0 SUBSURFACE INVESTIGATION

Gregg & Associates, Inc. began the field program of the subsurface investigation on 16 September 1987 and completed it on 22 September 1987. Forty-four soil borings were drilled by Gregg Drilling & Testing, Inc. of Santa Fe Springs, California, under the supervision of a geotechnical engineer from Gregg & Associates, Inc. Soil samples were collected and submitted to Analytical Technologies, Inc., an independent State-certified analytical laboratory located in San Diego, California, for analysis.

2.1 FIELD PROGRAM

The field program consisted of drilling and sampling nineteen 10-foot borings, twenty-one 20-foot borings, and four 40-foot borings. Soil boring locations and depths were selected based on either visual evidence of surface spillage, known surface drainage patterns, underground sump locations, or a combination of these conditions. Pertinent soil boring data is summarized in Table 1.

All 44 borings were drilled using a truck-mounted Mobile Drilling Company Model B-53 hollow-stem auger drilling rig. Individual auger flights are 5 feet in length with an inside diameter (ID) of 3.25 inches and an outside diameter (OD), including the drill bit, of approximately 8 inches. During

drilling, a retractable plug prevented soil from entering the central shaft of the auger flights. The retractable plug was lowered and retrieved by wireline and was attached to the end of a 140-pound drive hammer.

When a target depth was reached a Modified California Sampler, consisting of an outer sampler barrel lined with two 6-inch long brass rings (2.5 inches OD and 2.375 inches ID) placed end to end, was used to collect the soil samples. The sampler was attached to the drive hammer, lowered through the hollow-stem augers, and driven 12 inches. After the sampler was driven to the desired depth, it was retrieved and the rings were removed.

Soil in the lower 6-inch ring of the Modified California sampler was used for laboratory analysis. Immediately after the sample rings were retrieved, the lower ring was sealed with aluminum foil, covered with plastic end caps, and secured with duct tape. The sample was then labeled and placed in an ice chest for cold transport to a chemical laboratory for analysis. Soil in the upper 6-inch ring was used for lithologic description and olfactory examination.

The Modified California Sampler and rings were cleaned between sample collection to minimize the possibility of cross-contamination. The sampler and rings were cleaned with Trisodium Phosphate (TSP) and water, rinsed with tap water,

rinsed with distilled water, and allowed to air dry. The auger flights were steam cleaned prior to their arrival at the site.

2.2 LABORATORY ANALYSES

Depth-specific soil samples from all borings except Borings 038-B6, 038-B14, 038-B21, and 038-B22 were analyzed for Total Petroleum Hydrocarbons (TPH) using EPA Method 418.1 (Table 2).

Soil samples collected from Borings 038-B6, 038-B14, 038-B21, 038-B22 and 038-B44 were analyzed for halogenated and aromatic volatile organics using Environmental Protection Agency (EPA) Methods 8010 and 8020 (Table 3). The 2.5-, 5-, and 10-foot soil samples from Borings 038-B6, 038-B14, 038-B21, and 038-B22, were analyzed on a depth specific basis. The 15- and 20-foot samples and the 30- and 40-foot samples, respectively, were composited by the laboratory prior to analysis (Table 4). The 2.5- and 5-foot soil samples and the 10- and 20-foot samples, respectively, from Boring 038-B44 were also composited by the laboratory prior to analysis.

The 2.5- and 5-foot soil samples and the 10- and 20-foot soil samples, respectively, from Borings 038-B6, 038-B14, 038-B21, 038-B22, and 038-B44, were composited by the laboratory and analyzed for California Administrative Code (CAC) Metals (Table 5). Soil samples from the other soil borings were not analyzed for CAC Metals.

3.0 FINDINGS

3.1 SITE LITHOLOGY

Soil underlying the site is predominantly silty and gravelly sand. Silty sand is present in Borings 038-B2, 038-B10, 038-B11, 038-B13, 038-B14, 038-B16, 038-B17, 038-B18, 038-B19, 038-B23, 038-B24, 038-B25, and 038-B29 from the ground surface to a depth of about three feet. Gravelly sand is found beneath this depth in these borings. Gravelly sand is found from the surface throughout the entire depth of the remaining borings. The silty sand is moderately well-graded with particle sizes ranging from silt to coarse-grained sand. The silty sand is brown in color, exhibits a loose to medium-dense consistency, and is slightly moist. The gravelly sand is also moderatly well-graded with particle sizes ranging from fine-grained sand to fine gravel and occasional cobbles. The gravelly sand is brown to tan-brown in color, exhibits a loose to very dense consistency, and is slightly moist. For a more detailed description of the lithology in each boring, please refer to the lithologic boring logs included in Appendix A.

3.2 LABORATORY ANALYSES

The results of the EPA Methods 418.1 and 8010/8020 analyses performed on the soil samples collected from the 44 borings are presented in Tables 2 and 3, respectively. Results of CAC Metals analyses are presented in Table 5. Copies of all laboratory reports are included in Appendix B.

Total Petroleum Hydrocarbons (TPH) were detected in soil samples from 40 of the soil borings (Table 2). The highest TPH concentrations were detected at 2.5 feet below the ground surface in Borings 038-B30, 038-B11, 038-B24, 038-B33, 038-B31, and 038-B18 with values of 1,400, 1,000, 500, 480, 240, and 140 milligrams per kilogram (mg/kg) or parts per million (ppm), respectively. TPH concentrations in soil samples collected 5 feet below the ground surface in the same borings attenuated to 14, 2, 4, NOT DETECTED, 2, and 3 mg/kg, respectively. The highest TPH concentration value in soil samples collected from the remaining soil borings is 51 mg/kg, which was detected 5 feet below the ground surface in background Boring 038-B44.

Soil samples collected from Borings 038-B6, 038-B14, 038-B21, 038-B22, and background boring 038-B44 were analyzed for halogenated and aromatic volatile organic compounds using EPA Methods 8010 and 8020 (Table 3). Toluene was detected at a concentration of 0.16 mg/kg in the soil sample collected at a depth of 2.5 feet below the ground surface in Boring 038-B6. Tetrachloroethene (PCE) was detected at a concentration of 0.25 mg/kg and toluene was detected at a concentration of 0.025 mg/kg in soil samples collected from Boring 038-B14 at depths of 2.5 and 5 feet below the ground surface, respectively. 1,1-Dichloroethane and 1,1,1-Trichloroethane, respectively, were detected in the soil sample collected at a depth of 2.5 feet in

Boring 038-B22 at concentrations of 0.017 and 0.011 mg/kg. 1,1,1-Trichloroethane, at a concentration of 0.01 mg/kg, was also detected in the 15- and 20-foot composite soil sample from Boring 038-B22. In background Boring 038-B44, toluene was detected at a concentration of 0.089 mg/kg in the 2.5- and 5-foot composite soil sample and 1,1,1-Trichloroethane was detected at a concentration of 0.013 mg/kg in the 10- and 20-foot composite soil sample (Figure 4). No halogenated or aeromatic volatile organic compounds were detected in soil samples collected from Boring 038-B21.

Soil samples collected from Borings 038-B6, 038-B14, 038-B21, 038-B22, and background Boring 038-B44 were also analyzed for CAC Metals. CAC metals concentrations in soil samples collected from these borings are all below Total Threshold Limit Concentrations (STLCs) and Soluble Threshold Limit Concentrations (STLCs) established by the State of California (Table 5).

3.3 LATERAL EXTENT OF TOTAL PETROLEUM HYDROCARBON CONTAMINATION

Contour plots using TPH concentrations (EPA Method 418.1) detected in the 2.5-foot soil samples were generated to graphically identify areas of TPH contamination above 100 mg/kg at the storage yard. TPH values between data points (boring locations) were arithmetically scaled and contours were generated which represent lines of equal concentration values.

The 2.5-foot deep contour plot suggests elevated concentrations of TPH in the vicinity of Borings 038-B11, 038-B18, 038-B24, 038-B30, 038-B31, and 038-B33 (Figures 5 and 6). All TPH concentrations at the 5-foot depth are below the action level of 100 mg/kg. As a result, no contour plot was prepared.

4.0 CONCLUSIONS

The results of this investigation indicate that TPH and volatile organic compounds are present in the soil beneath the Plant C-1 Metal Salvage and Drum Storage Yard.

The areas significantly contaminated by TPH are shallow in depth and do not extend to depths in excess of 4 feet. TPH concentrations in excess of 100 mg/kg were detected in Borings 038-B11, 038-B18, 038-B24, 038-B30, 038-B31, and 038-B33 at a depth of 2.5 feet below the ground surface. A maximum TPH concentration of 1,400 mg/kg was detected in Boring 038-B30. At the 5-foot level, TPH concentrations in these six borings decreases to values just slightly above the detection limit of 1.0 mg/kg, with a maximum value of 4 mg/kg.

TPH concentrations in soil samples collected from depths in excess of 4 feet are all below 100 mg/kg, with a maximum value of 51 mg/kg detected at the 5-foot level in background Boring 038-B44.

The concentrations of toluene detected in the 2.5-foot soil sample from Boring 038-B6 and tetrachloroethene detected in the 2.5-foot soil sample from Boring 038-B14 exceed the State of California Department of Health Services Drinking Water Action Levels (DOHS) of 100.00 micrograms per liter (ug/l) or parts per

billion (ppb) and 4.00 ug/l for toluene and tetrachloroethene, respectively. While these values exceed the DOHS levels, they are considerably below Recommended Soil Cleanup Levels (RSCL) established by State of California Decision Tree Guidelines. All other volatile organic compounds which were detected are below both DOHS Drinking Water Action Levels and California Decision Tree RSCL.

Soil samples which contain the highest concentrations of TPH and volatile organic compounds do not nessessarily correlate to asphalt or concrete areas heavily stained by oils or solvents, or to the underground sump locations present at the site (Figures 4, 5,and 6). These contaminated areas may be the result of past operations and not from the more recent surface spillage presently evident.

The presence of Toluene, 1,1,1-Trichloroethane, and TPH in background Boring 038-B44 indicates that the soil in this vicinity may not reflect present day uses.

Results of the CAC Metals analyses indicate the soil samples collected from Borings 038-B6, 038-B14, 038-B21, 038-B22, and 038-B44 do not exceed either Total Threshold Limit Concentrations (TTLCs) or Soluble Threshold Limit Concentrations (STLCs) established by the State. Soil samples from the other soil borings were not analyzed for CAC Metals.

The depth to ground-water is known to be in excess of 220 feet below the surface at the site location. TPH concentrations do not exceed 52 mg/kg below the 5-foot depth and volatile organic compounds do not exceed regulatory Standards at depths in excess of about 4 feet. As a result, it does not appear that the presence of these compounds at these particular depths in the soil could threaten the quality of the ground-water beneath the site.

5.0 RECOMMENDATIONS

Gregg & Associates, Inc. recommends that soil be excavated to a depth of 4 feet and removed from three distinct areas in LASC's Plant C-1 Metal Salvage and Drum Storage Yard. This recommendation is based on evidence obtained during the investigation which indicates elevated TPH concentrations in these areas. The soil in the vicinity of Borings 038-B11, 038-B18, and 038-B24 constitutes one area (Area A on Figure 8). Borings 038-B30 and 038-B31 constitutes the second area (Area B), and the region in the vicinity of Boring 038-B33 constitutes the third (Area C).

Following approval from the appropriate regulatory agency, it is recommended that the excavated soil be spread in a 1-foot thick layer or as thin as possible and allowed to aerate. During the aeration process, the soil should be turned or disced daily for optimum results. After one month, the soil should be sampled from representative locations and analyzed for TPH and halogenated and aeromatic volatile organic compounds. This process should be continued until TPH and volatile organic compound concentrations are below acceptable levels as determined in negotiation with the appropriate regulatory agency. Once contaminant levels have been reduced, the aerated soil could then be utilized as fill material for the excavations and the areas re-surfaced.

The area in the vicinity of Borings 038-B6 and 038-B14 should be included as part of a facility-wide subsurface evaluation. However, no further work is recommended in this location at this time.

Gregg & Associates, Inc. also recommends that the contents of the underground sumps in the storage area be evacuated on a regular basis to eliminate overfillage that could result from either inadequate inventory reconcileation or natural precipitation. In addition, the degraded asphalt areas heavily stained by oils and solvents should be removed and replaced. This should provide a safer work environment and help prevent introducing contaminants into the subsurface soil in the future.

TABLES

TABLE 1: PERTINENT SOIL BORING DATA

BORING #	TOTAL DEPTH (ft)	SAMPLE COLLECTION DEPTHS (ft)
038-B1	10	2.5, 5, 10,
038-B2	10	2.5, 5, 10
038-B3	10	2.5, 5, 10
038-B4	10	2.5, 5, 10
038-B5	10	2.5, 5, 10
038-B6	40	2.5, 5, 10, 15, 20, 30, 40
038-B7	20	2.5, 5, 10, 15, 20
038-B8	20	2.5, 5, 10, 15, 20
038-B9	10	2.5, 5, 10
038-B10	10	2.5, 5, 10
038-B11	10	2.5, 5, 10
038-B12	10	2.5, 5, 10
038-B13	10	2.5, 5, 10
038-B14	40	2.5, 5, 10, 15, 20, 30, 40
038-B15	10	2.5, 5, 10
038-B16	20	2.5, 5, 10, 15, 20
038-B17	20	2.5, 5, 10, 15, 20
038-B18	20	2.5, 5, 10, 15, 20
038-B19	20	2.5, 5, 10, 15, 20
038-B20	20	2.5, 5, 10, 15, 20
038-B21	40	2.5, 5, 10, 15, 20, 30, 40
038-B22	40	2.5, 5, 10, 15, 20, 30, 40
038-B23	10	2.5, 5, 10
038-B24	10	2.5, 5, 10
038-B25	10	2.5, 5, 10
038-B26	20	2.5, 5, 10, 15, 20
038-B27	20	2.5, 5, 10, 15, 20
038-B28	20	2.5, 5, 10, 15, 20
038-B29	10	2.5, 5, 10
038-B30	10	2.5, 5, 10,
038-B31	20	2.5, 5, 10, 15, 20
038-B32	20	2.5, 5, 10, 15, 20
038-B33	20	2.5, 5, 10, 15, 20
038-B34	20	2.5, 5, 10, 15, 20
038-B35	10	2.5, 5, 10
038-B36	10	2.5, 5, 10
038-B37	20	2.5, 5, 10, 15, 20
038-B38	20	2.5, 5, 10, 15, 20
038-B39	20	2.5, 5, 10, 15, 20
038-B40	10	2.5, 5, 10
038-B41	20	2.5, 5, 10, 15, 20
038-B42	20	2.5, 5, 10, 15, 20
038-B43	20	2.5, 5, 10, 15, 20
038-B44	20	2.5, 5, 10, 20

TABLE 2. SUMMARY OF TOTAL PETROLEUM HYDROCARBON VALUES

BORING NUMBER	TOTAL DEPTH (FEET)	SAMPLE DEPTHS (FEET)	RANGE OF VALUES * (MG/KG)	APPARENT TREND
038-B1	10	2.5,5,10	1 - 4	NONE
038-B2	10	2.5,5,10	ND - 7	NONE
038-B3	10	2.5,5,10	1 - 3	NONE
038-B4	10	2.5,5,10	2	CNST W DPH
038-B5	10	2.5,5,10	4 - 9	INCR W DPH
038-B7	20	2.5,5,10,15,20	ND - 1	INCR W DPH
038-B8	20	2.5,5,10,15,20	ND - 3	NONE
038-B9	10	2.5,5,10	2 - 6	NONE
038-B10	10	2.5,5,10	2 - 3	NONE
038-B11	10	2.5,5,10	2 - 1,000	DECR W DPH
038-B12	10	2.5,5,10	1 - 4	NONE
038-B13	10	2.5,5,10	2 - 11	NONE
038-B15	10	2.5,5,10	1 - 14	DECR W DPH
038-B16	20	2.5,5,10,15,20	ND - 10	DECR W DPH
038-B17	20	2.5,5,10,15,20	ND - 18	NONE
038-B18	20	2.5,5,10,15,20	ND - 140	DECR W DPH
038-B19	20	2.5,5,10,15,20	ND - 20	DECR W DPH
038-B20	20	2.5,5,10,15,20	1 - 4	NONE
038-B23	10	2.5,5,10	2 - 3	INCR W DPH
038-B24	10	2.5,5,10	4 - 500	DECR W DPH
038-B25	10	2.5,5,10	2 - 10	DECR W DPH
038-B26	20	2.5,5,10,15,20	ND - 2	INCR W DPH
038-B27	20	2.5,5,10,15,20	ND - 1	INCR W DPH
038-B28	20	2.5,5,10,15,20	ND - 4	INCR W DPH
038-B29	10	2.5,5,10	1 - 5	NONE
038-B30	10	2.5,5,10	4 - 1,400	DECR W DPH
038-B31	20	2.5,5,10,15,20	ND - 240	DECR W DPH
038-B32	20	2.5,5,10,15,20	ND - 2	NONE
038-B33	20	2.5,5,10,15,20	ND - 480	DECR W DPH
038-B34	20	2.5,5,10,15,20	1 - 5	DECR W DPH
038-B35	10	2.5,5,10	2 - 3	INCR W DPH
038-B36	10	2.5,5,10	1 - 4	INCR W DPH
038-B37	20	2.5,5,10,15,20	ND - 4	NONE
038-B38	20	2.5,5,10,15,20	ND - 2	NONE
038-B39	20	2.5,5,10,15,20	1 - 3	NONE
038-B40	10	2.5,5,10	1 - 4	DECR W DPH
038-B41	20	2.5,5,10,15,20	ND - 6	INCR W DPH
038-B42	20	2.5,5,10,15,20	ND - 1	DECR W DPH
038-B43	20	2.5,5,10,15,20	ND - 4	NONE
038-B44	20	2.5,5,10,20	1 - 51	NONE

* ANALYZED USING EPA METHOD 418.1
ND - NOT DETECTED
CNST W DPH - CONSTANT WITH DEPTH
INCR W DPH - INCREASE WITH DEPTH
DECR W DPH - DECREASE WITH DEPTH

TABLE 3. SUMMARY OF EPA METHOD 8010/8020 RESULTS

BORING NUMBER	SAMPLE DEPTH (FEET)	IDENTIFIED COMPOUND	CONCENTRATION VALUE (MG/KG)
038-B6	2.5	TOLUENE	* 0.16
038-B6	5	ND	ND
038-B6	10	ND	ND
038-B6	15/20	ND	ND
038-B6	30/40	ND	ND
038-B14	2.5	TETRACHLOROETHENE	* 0.25
038-B14	5	TOLUENE	0.025
038-B14	10	ND	ND
038-B14	15/20	ND	ND
038-B14	30/40	ND	ND
038-B21	2.5	ND	ND
038-B21	5	ND	ND
038-B21	10	ND	ND
038-B21	15/20	ND	ND
038-B21	30/40	ND	ND
038-B22	2.5	1,1-DICHLOROETHANE	0.017
----	---	1,1,1-TRICHLOROETHANE	0.011
038-B22	5	ND	ND
038-B22	10	ND	ND
038-B22	15/20	1,1,1-TRICHLOROETHANE	0.010
038-B22	30/40	ND	ND
038-B44	2.5/ 5	TOLUENE	0.089
038-B44	10/20	1,1,1-TRICHLOROETHANE	0.013

* VALUES ABOVE DOHS DRINKING WATER STANDARDS
ND - NOT DETECTED

TABLE 4. SAMPLES COMPOSITED FOR CHEMICAL ANALYSIS

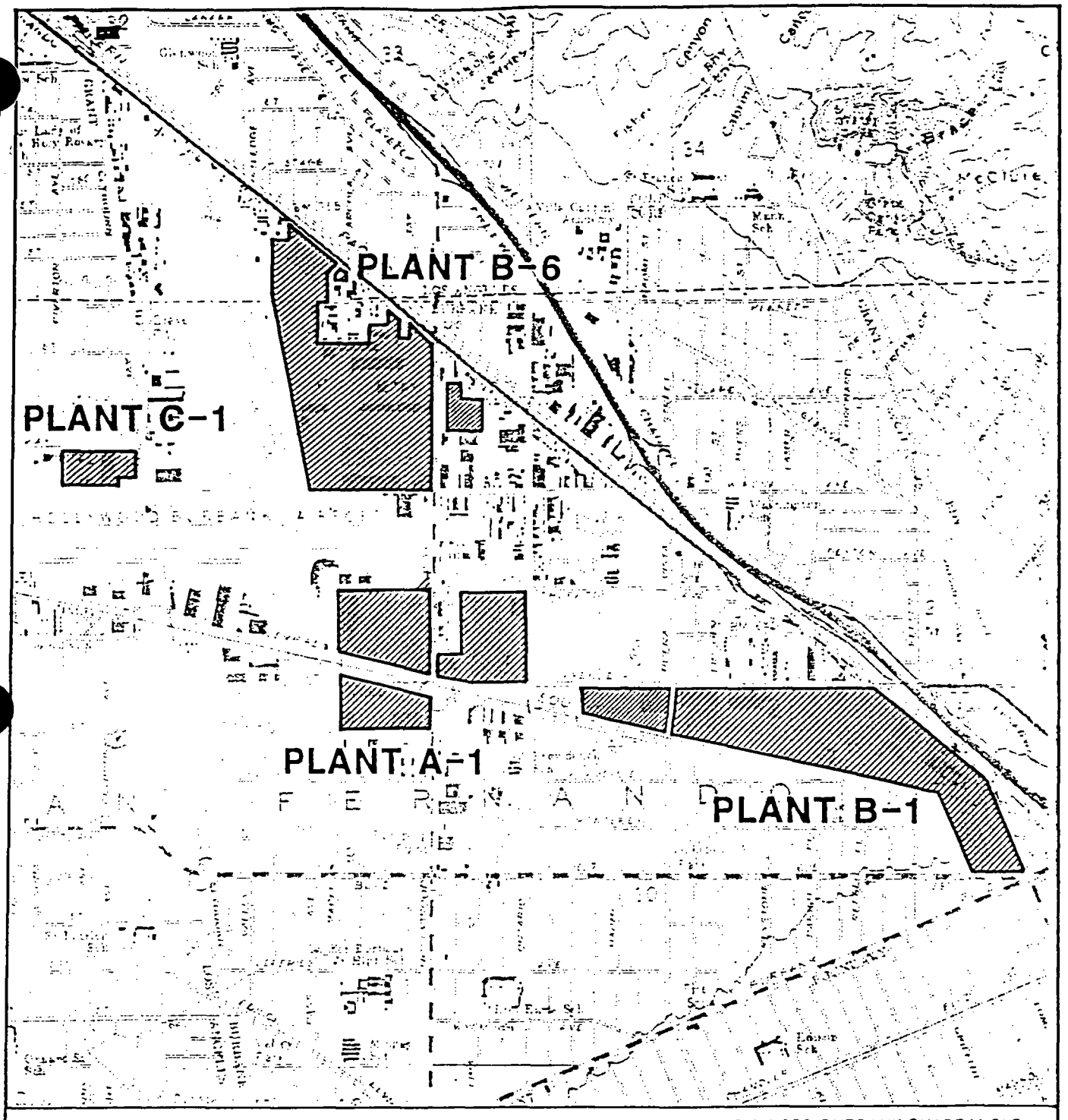
BORING NUMBER	COMPOSITE SAMPLES BY DEPTH	EPA METHOD OF ANALYSIS
038-B6	15/20, 30/40	8010/8020
038-B14	15/20, 30/40	8010/8020
038-B21	15/20, 30/40	8010/8020
038-B22	15/20, 30/40	8010/8020
038-B44	2.5/5, 10/20	8010/8020
038-B6	2.5/5, 10/20	CAC METALS
038-B14	2.5/5, 10/20	CAC METALS
038-B21	2.5/5, 10/20	CAC METALS
038-B22	2.5/5, 10/20	CAC METALS
038-B44	2.5/5, 10/20	CAC METALS

TABLE 5. CALIFORNIA ADMINISTRATIVE CODE METALS RESULTS

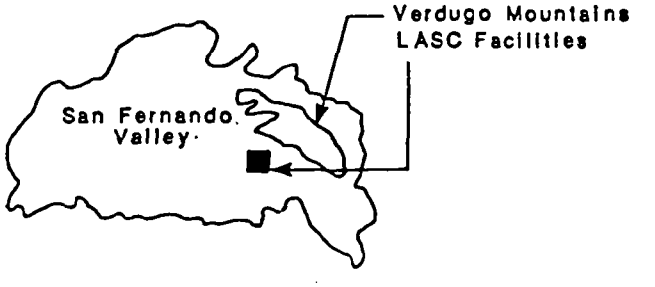
CAC METAL	A	B	C	D	E	F	G	H	I	J
	(CONCENTRATIONS IN MG/KG)									
SILVER	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ARSENIC	3.5	1.7	2.9	3.2	1.5	1.8	1.8	1.7	4.8	2.3
BARIUM	64.9	34.6	52.3	63.0	47.6	34.8	37.5	47.7	65.0	53.2
BERYLLIUM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
COBALT	3.9	3.3	3.3	4.1	2.3	3.5	1.9	2.4	5.2	3.9
CHROMIUM	7.3	5.7	5.6	10.0	3.1	4.3	4.1	4.1	7.2	4.5
COPPER	9.8	8.1	11.9	15.5	5.7	7.9	7.8	12.3	12.3	9.4
MERCURY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MOLYBDENUM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL	5.0	2.7	6.9	5.6	3.8	4.0	2.6	5.0	6.1	4.7
LEAD	2.8	1.8	4.8	2.8	1.0	1.7	1.8	2.2	2.8	2.1
ANTIMONY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SELENIUM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
THALLIUM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VANADIUM	16.6	9.2	13.7	20.5	9.3	12.4	12.3	13.4	17.9	14.0
ZINC	29.4	19.5	28.2	32.1	16.6	18.5	16.2	23.3	31.2	25.9

A : 038-B6 2.5- and 5-foot composite sample
B : 038-B6 10- and 20-foot composite sample
C : 038-B14 2.5- and 5-foot composite sample
D : 038-B14 10- and 20-foot composite sample
E : 038-B21 2.5- and 5-foot composite sample
F : 038-B21 10- and 20-foot composite sample
G : 038-B22 2.5- and 5-foot composite sample
H : 038-B22 10- and 20-foot composite sample
I : 038-B44 2.5- and 5-foot composite sample
J : 038-B44 10- and 20-foot composite sample
ND - Not Detected

FIGURES



BASE MAP FROM: USGS, BURBANK QUADRANGLE, 7.5 MINUTE SERIES



0 2000 4000 FEET

SCALE 1:24 000

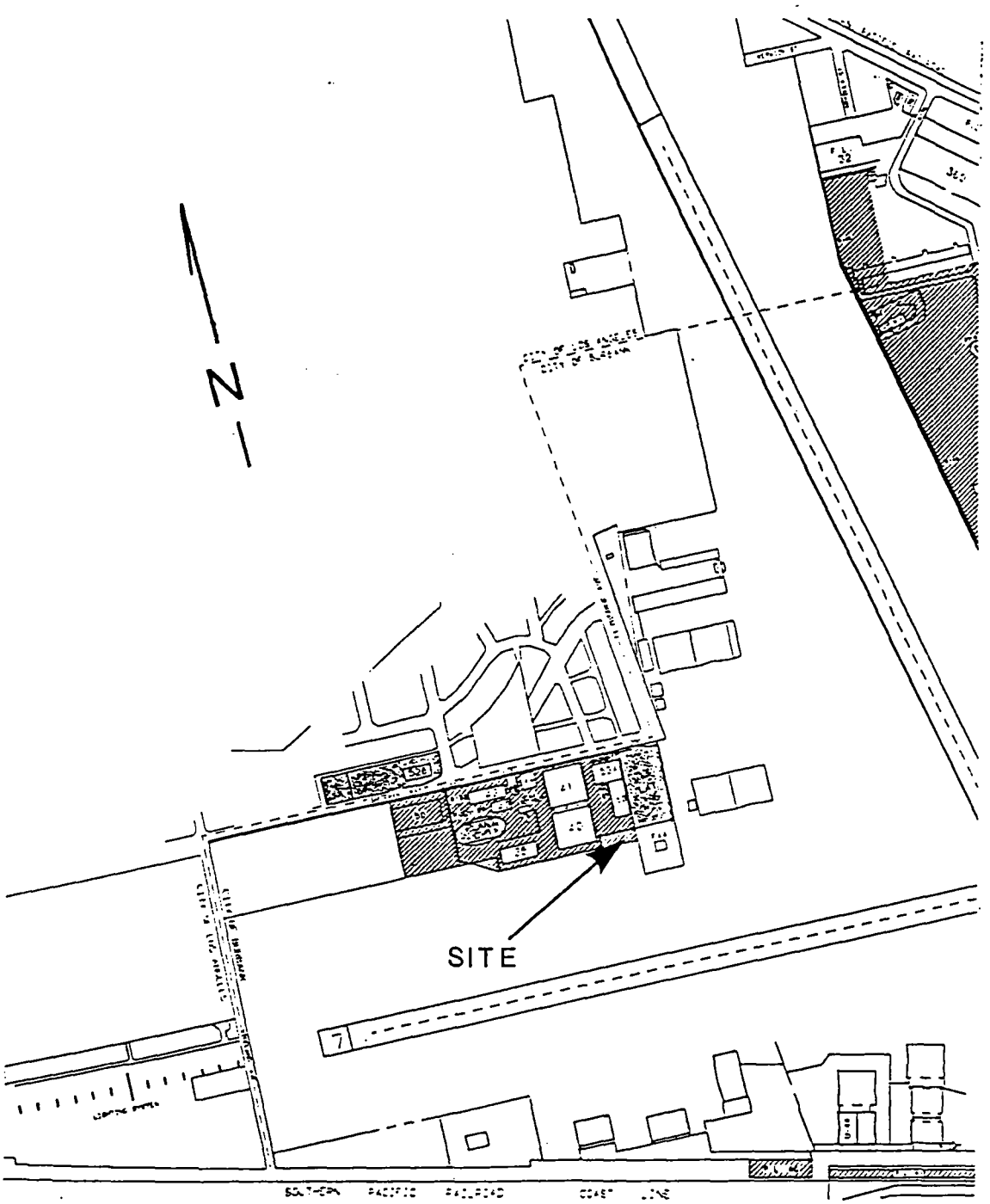
GREGG

LOCKHEED AERONAUTICAL SYSTEMS COMPANY
PROJECT NO 01-106-038

LOCATION MAP

2/88

FIGURE 1



0 1000 feet

SCALE

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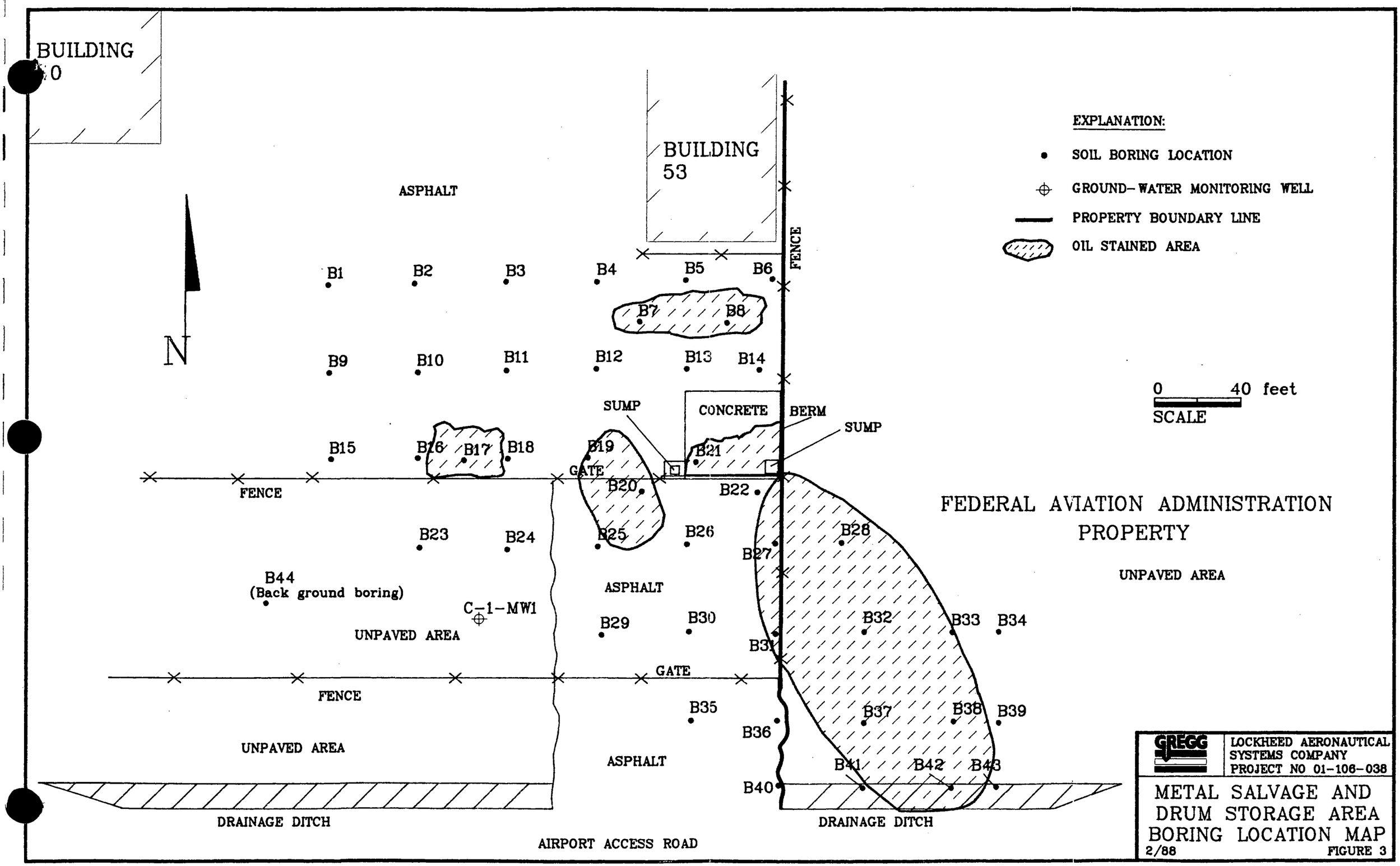
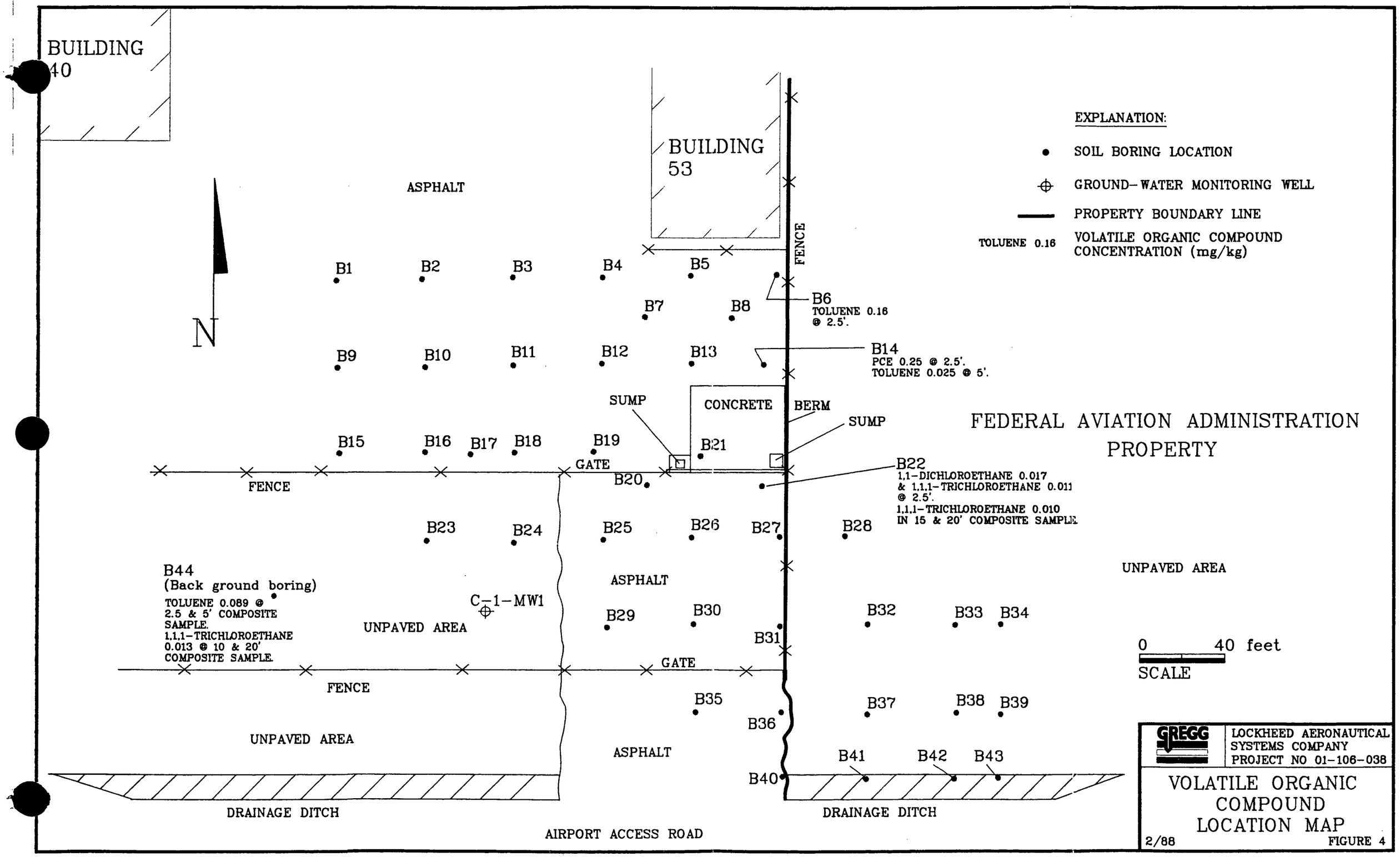
LOCKHEED AERONAUTICAL SYSTEMS COMPANY
PROJECT NO. 01-106-038

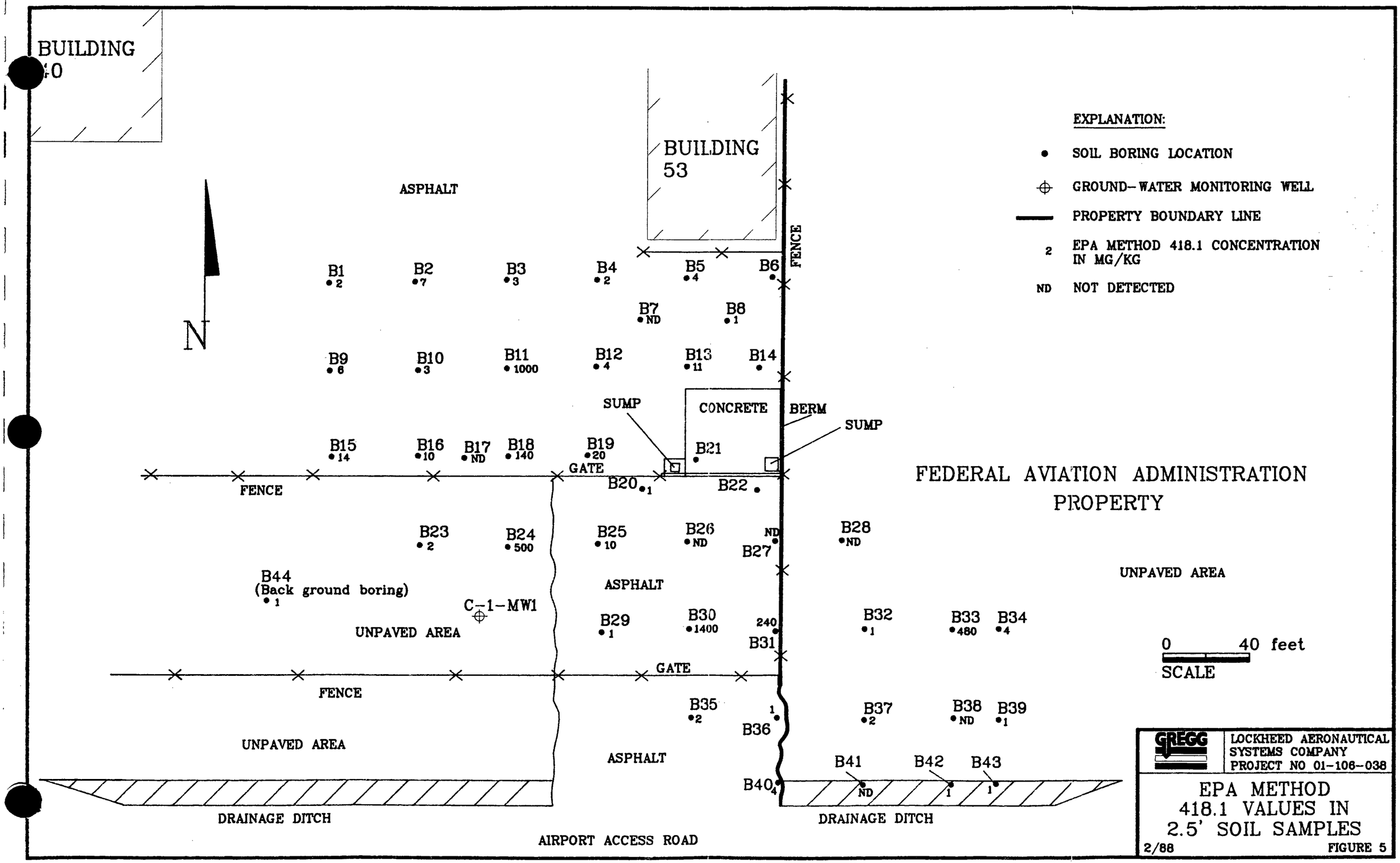
SITE LOCATION MAP

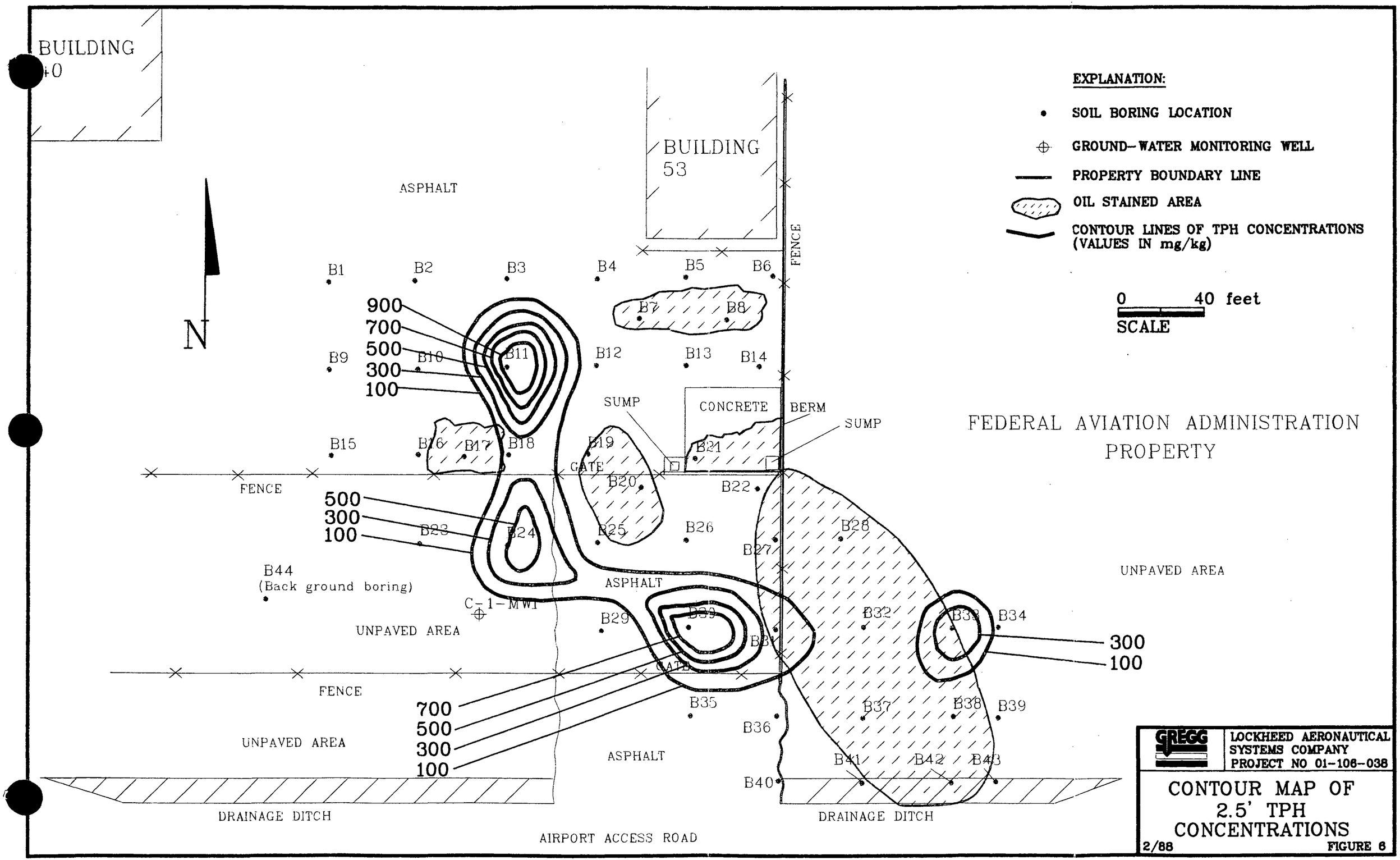
2/88

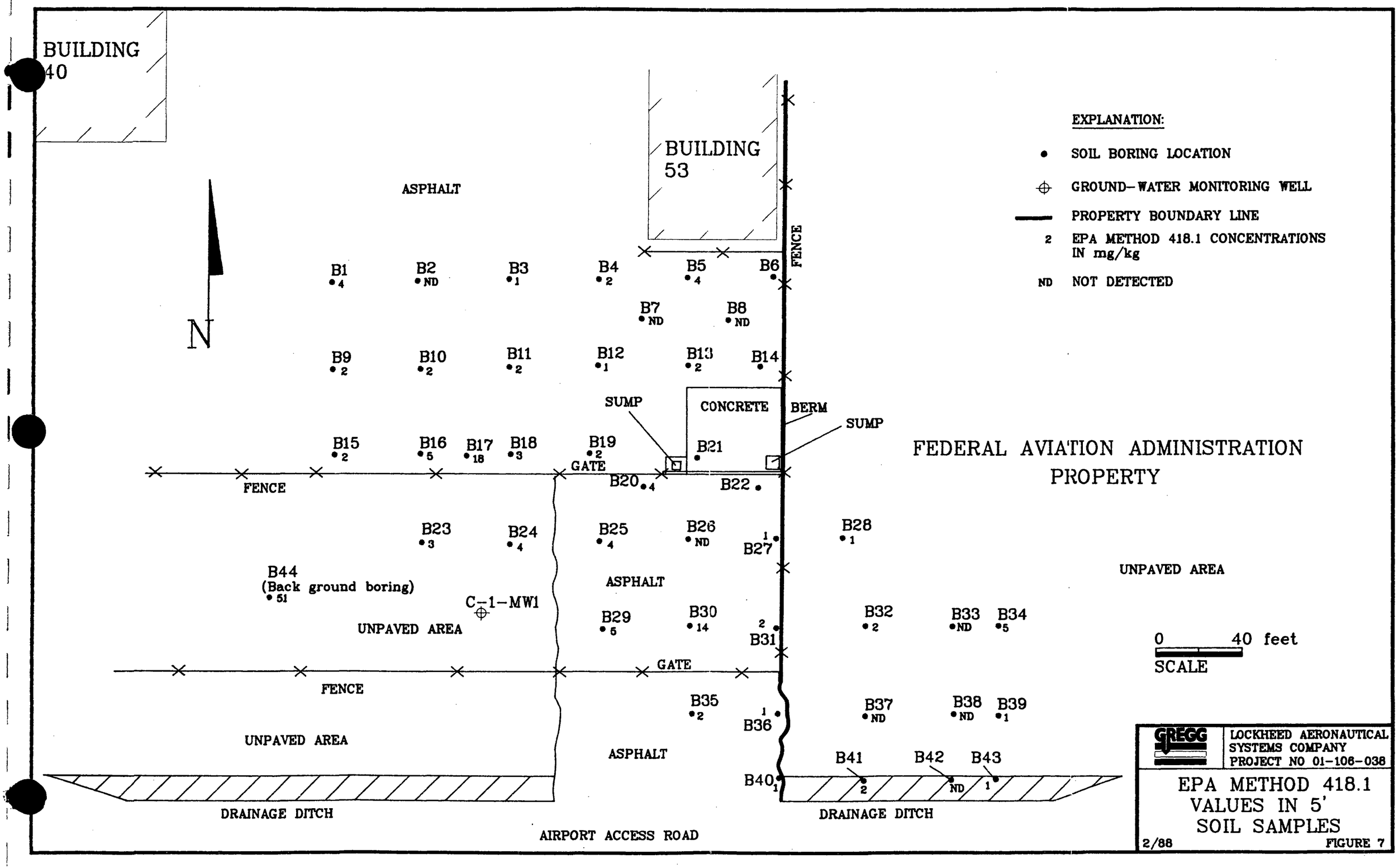
FIGURE 2

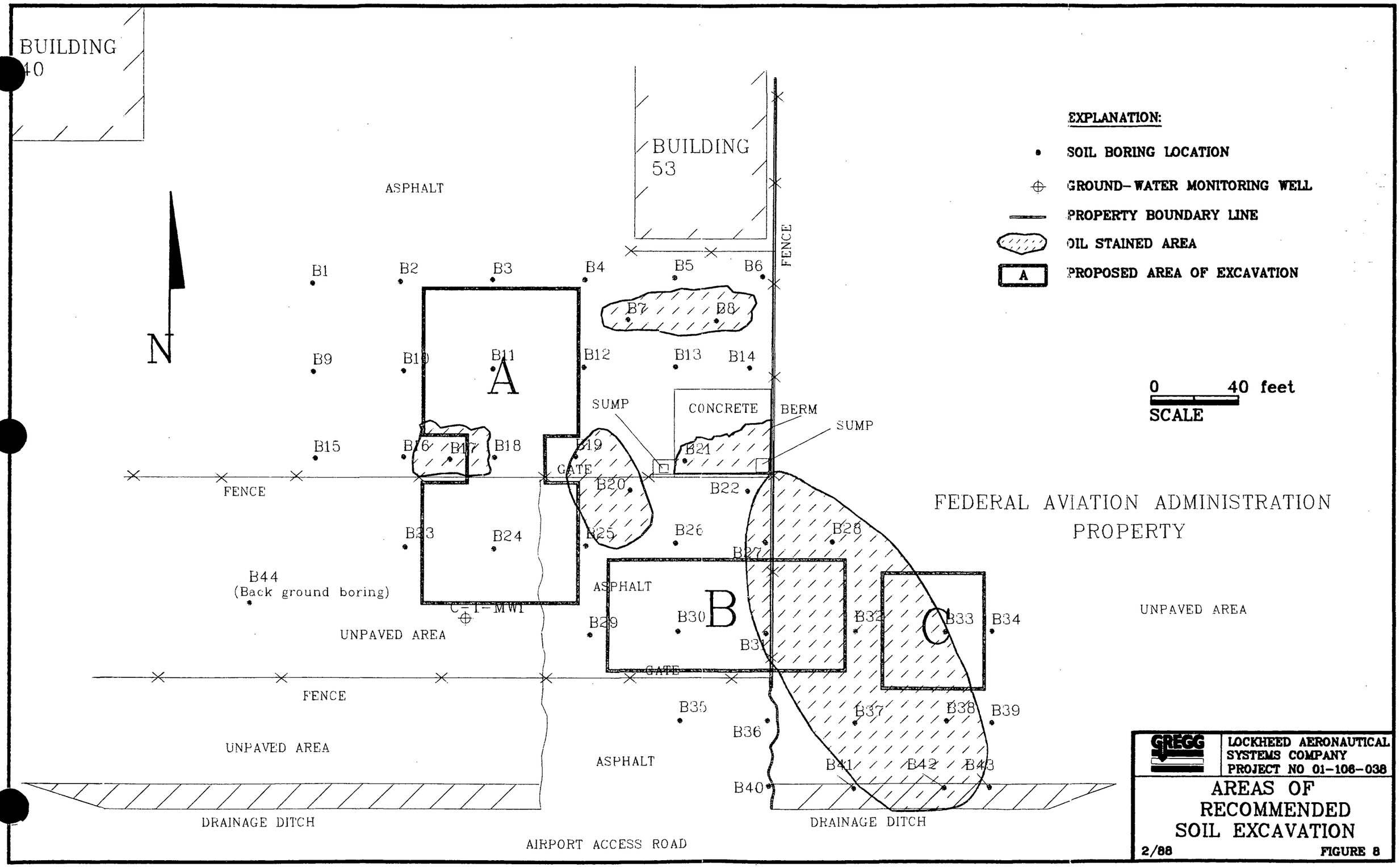

BUILDING 0
BUILDING 53
ASPHALT
N
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
FENCE
SUMP
CONCRETE
BERM
SUMP
B15
B16
B17
B18
B19
B20
B21
B22
GATE
FENCE
B23
B24
B25
B26
B27
B28
B44
(Back ground boring)
C-1-MW1
UNPAVED AREA
ASPHALT
B29
B30
B31
B32
B33
B34
GATE
FENCE
B35
B36
B37
B38
B39
UNPAVED AREA
ASPHALT
B40
B41
B42
B43
DRAINAGE DITCH
DRAINAGE DITCH
AIRPORT ACCESS ROAD
EXPLANATION:
SOIL BORING LOCATION
GROUND-WATER MONITORING WELL
PROPERTY BOUNDARY LINE
OIL STAINED AREA
0 40 feet
SCALE
FEDERAL AVIATION ADMINISTRATION PROPERTY
UNPAVED AREA
GREGG
LOCKHEED AERONAUTICAL SYSTEMS COMPANY
PROJECT NO 01-106-038
METAL SALVAGE AND DRUM STORAGE AREA BORING LOCATION MAP
2/88
FIGURE 3


BUILDING 40
BUILDING 53
ASPHALT
N
FENCE
B1
B2
B3
B4
B5
B6
TOLUENE 0.16
@ 2.5'.
B7
B8
B9
B10
B11
B12
B13
B14
PCE 0.25 @ 2.5'.
TOLUENE 0.025 @ 5'.
SUMP
CONCRETE
BERM
SUMP
B15
B16
B17
B18
B19
B21
GATE
B20
B22
1,1-DICHLOROETHANE 0.017
& 1,1,1-TRICHLOROETHANE 0.011
@ 2.5'.
1,1,1-TRICHLOROETHANE 0.010
IN 15 & 20' COMPOSITE SAMPLE.
FEDERAL AVIATION ADMINISTRATION
PROPERTY
B23
B24
B25
B26
B27
B28
B44
(Back ground boring)
TOLUENE 0.089 @
2.5 & 5' COMPOSITE
SAMPLE.
1,1,1-TRICHLOROETHANE
0.013 @ 10 & 20'
COMPOSITE SAMPLE.
C-1-MW1
UNPAVED AREA
ASPHALT
B29
B30
B31
B32
B33
B34
UNPAVED AREA
GATE
FENCE
B35
B36
B37
B38
B39
UNPAVED AREA
ASPHALT
B40
B41
B42
B43
DRAINAGE DITCH
DRAINAGE DITCH
AIRPORT ACCESS ROAD
EXPLANATION:
SOIL BORING LOCATION
GROUND-WATER MONITORING WELL
PROPERTY BOUNDARY LINE
TOLUENE 0.16
VOLATILE ORGANIC COMPOUND
CONCENTRATION (mg/kg)
0
40 feet
SCALE
GREGG
LOCKHEED AERONAUTICAL
SYSTEMS COMPANY
PROJECT NO 01-106-038
VOLATILE ORGANIC
COMPOUND
LOCATION MAP
2/88
FIGURE 4


BUILDING
40
BUILDING
53
ASPHALT
N
FENCE
B1 2
B2 7
B3 3
B4 2
B5 4
B6
B7 ND
B8 1
B9 6
B10 3
B11 1000
B12 4
B13 11
B14
SUMP
CONCRETE
BERM
SUMP
B15 14
B16 10
B17 ND
B18 140
B19 20
B21
GATE
B20 1
B22
FENCE
B23 2
B24 500
B25 10
B26 ND
ND
B27
B28 ND
B44
(Back ground boring)
1
C-1-MW1
ASPHALT
UNPAVED AREA
B29 1
B30 1400
240
B31
B32 1
B33 480
B34 4
UNPAVED AREA
GATE
FENCE
B35 2
1
B36
B37 2
B38 ND
B39 1
UNPAVED AREA
ASPHALT
B41
B42
B43
B40 4
ND
1
1
DRAINAGE DITCH
DRAINAGE DITCH
AIRPORT ACCESS ROAD
FEDERAL AVIATION ADMINISTRATION
PROPERTY
EXPLANATION:
SOIL BORING LOCATION
GROUND-WATER MONITORING WELL
PROPERTY BOUNDARY LINE
2 EPA METHOD 418.1 CONCENTRATION IN MG/KG
ND NOT DETECTED
0 40 feet
SCALE
GREGG
LOCKHEED AERONAUTICAL SYSTEMS COMPANY
PROJECT NO 01-106-038
EPA METHOD
418.1 VALUES IN
2.5' SOIL SAMPLES
2/88
FIGURE 5


BUILDING
40
BUILDING
53
ASPHALT
N
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
B15
B16
B17
B18
B19
B20
B21
B22
B23
B24
B25
B26
B27
B28
B29
B30
B31
B32
B33
B34
B35
B36
B37
B38
B39
B40
B41
B42
B43
B44
(Back ground boring)
C-1-MW1
900
700
500
300
100
500
300
100
300
100
700
500
300
100
FENCE
FENCE
FENCE
SUMP
CONCRETE
BERM
SUMP
GATE
GATE
UNPAVED AREA
UNPAVED AREA
UNPAVED AREA
ASPHALT
ASPHALT
DRAINAGE DITCH
DRAINAGE DITCH
AIRPORT ACCESS ROAD
EXPLANATION:
SOIL BORING LOCATION
GROUND-WATER MONITORING WELL
PROPERTY BOUNDARY LINE
OIL STAINED AREA
CONTOUR LINES OF TPH CONCENTRATIONS (VALUES IN mg/kg)
0
40 feet
SCALE
FEDERAL AVIATION ADMINISTRATION PROPERTY
GREGG
LOCKHEED AERONAUTICAL SYSTEMS COMPANY
PROJECT NO 01-106-038
CONTOUR MAP OF 2.5' TPH CONCENTRATIONS
2/88
FIGURE 6


BUILDING 40
BUILDING 53
ASPHALT
N
FENCE
B1 4
B2 ND
B3 1
B4 2
B5 4
B6
B7 ND
B8 ND
B9 2
B10 2
B11 2
B12 1
B13 2
B14
SUMP
CONCRETE
BERM
SUMP
B15 2
B16 5
B17 18
B18 3
B19 2
GATE
B20 4
B21
B22
FENCE
B23 3
B24 4
B25 4
B26 ND
B27 1
B28 1
B44 (Back ground boring) 51
C-1-MW1
ASPHALT
UNPAVED AREA
UNPAVED AREA
B29 5
B30 14
B31 2
B32 2
B33 ND
B34 5
GATE
FENCE
B35 2
B36 1
B37 ND
B38 ND
B39 1
UNPAVED AREA
ASPHALT
B40 1
B41 2
B42 ND
B43 1
DRAINAGE DITCH
DRAINAGE DITCH
AIRPORT ACCESS ROAD
FEDERAL AVIATION ADMINISTRATION PROPERTY
EXPLANATION:
SOIL BORING LOCATION
GROUND-WATER MONITORING WELL
PROPERTY BOUNDARY LINE
2 EPA METHOD 418.1 CONCENTRATIONS IN mg/kg
ND NOT DETECTED
0 40 feet
SCALE
GREGG
LOCKHEED AERONAUTICAL SYSTEMS COMPANY
PROJECT NO 01-106-038
EPA METHOD 418.1 VALUES IN 5' SOIL SAMPLES
2/88
FIGURE 7


BUILDING 40
BUILDING 53
ASPHALT
FENCE
N
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
B15
B16
B17
B18
B19
B20
B21
B22
B23
B24
B25
B26
B27
B28
B29
B30
B31
B32
B33
B34
B35
B36
B37
B38
B39
B40
B41
B42
B43
B44
(Back ground boring)
A
B
C
SUMP
CONCRETE
BERM
SUMP
GATE
C-1-MW1
UNPAVED AREA
ASPHALT
GATE
FENCE
UNPAVED AREA
ASPHALT
DRAINAGE DITCH
DRAINAGE DITCH
AIRPORT ACCESS ROAD
FEDERAL AVIATION ADMINISTRATION PROPERTY
UNPAVED AREA
EXPLANATION:
SOIL BORING LOCATION
GROUND-WATER MONITORING WELL
PROPERTY BOUNDARY LINE
OIL STAINED AREA
PROPOSED AREA OF EXCAVATION
0 40 feet
SCALE
GREGG
LOCKHEED AERONAUTICAL SYSTEMS COMPANY
PROJECT NO 01-106-038
AREAS OF RECOMMENDED SOIL EXCAVATION
2/88
FIGURE 8

APPENDICES

APPENDIX A

LITHOLOGIC LOGS

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 9/16/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No 038-B1

Sheet 01

Field location of boring:

Drilling Method B-53

Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
						ASPHALT
		11		Ring @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS SLIGHTLY MOIST, LOOSE, NO ODOR BROWN TO TAN
5		25		Ring @ 5'	SP	SIMILAR TO ABOVE
10		23		Ring @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/11/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B2

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53

Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		39		Ring @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN
5		23		Ring @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS SLIGHTLY MOIST, M DENSE, NO ODOR BROWN TO TAN
10		25		Ring @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No 86-106-038 Date 9/16/87
Client CALAC
Location PLANT C-1
Logged By JM Driller TC

Boring No C38-B3
Sheet ___ Of ___

Field location of boring:

Drilling Method B-53
Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
					SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
		33				*THIN ZONE OF DARK SAND W/SLIGHT ODOR IN UPPER SAMPLE RING
5		20			SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
10		23			SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

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California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/16/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B4

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		28		Ring @2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
5		29		Ring @5'	SP	SIMILAR TO ABOVE
10		31		Ring @10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/16/87

Client CALAC

Location PLANT C-1

Logged By J. MARTIN Driller T. CARP

Boring No. C38-B5

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53

Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCENTRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		13		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
5		11		RING @ 5'	SP	SIMILAR TO ABOVE
10		45		RING @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/16/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 035-B6

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53

Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCENTRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		15		Ring @ 2.5'	SP	SAND MED TO COARSE SOME SILT, FINE GRAVELS SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
5		30		Ring @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
10		32		Ring @ 10'	SP	SIMILAR TO ABOVE
15		45		Ring @ 15'	SP	SIMILAR TO ABOVE
20		45		Ring @ 20'	SP	SIMILAR TO ABOVE
30		26		Ring @ 30'	SP	SIMILAR TO ABOVE
40		25		Ring @ 40'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B7

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		22		Ring @ 2.5'	SP	SAND MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
5		26		Ring @ 5'	SP	SIMILAR TO ABOVE
10		26		Ring @ 10'	SP	SIMILAR TO ABOVE
15		47		Ring @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		60		Ring @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B8

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		11		Ring @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
5		10		Ring @ 5'	SP	SIMILAR TO ABOVE
10		40		Ring @ 10'	SP	SIMILAR TO ABOVE
15		48		Ring @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		72		Ring @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B9

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		23		Ring @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVS AND SOME COBBLES, SLIGHTLY MOIST, M DENSE, NO ODOR BROWN TO TAN
5		42		Ring @ 5'	SP	SIMILAR TO ABOVE
10		42		Ring @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B10

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		35		RING @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN
						V. SLIGHT ODOR IN CUTTINGS
5		25		RING @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
10		47		RING @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B11

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		33		RING @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN
5		18		RING @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
10		40		RING @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

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California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B12

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		30		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M. DENSE, NO ODOR, BROWN TO TAN
5		25		RING @ 5'	SP	SIMILAR TO ABOVE
						COBBLES
10		29		RING @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 7/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B13

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		18		Ring @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN
5		22		Ring @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
10		36		Ring @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/16/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B14

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		14		Ring @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN
5		13		Ring @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
10		22		Ring @ 10'	SP	SIMILAR TO ABOVE INCREASE IN GRAVELS
15		65		Ring @ 15'	SP	SIMILAR TO ABOVE
20		95		Ring @ 20'	SP	SIMILAR TO ABOVE
30		35		Ring @ 30'	SP	SIMILAR TO ABOVE
40		26		Ring @ 40'	SP	SAND, MOSTLY FINE, SLIGHTLY MOIST, M DENSE NO ODOR, BROWN

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist # 4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B15

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		25		Ring @ 2.5'	SP	SAND, MOD TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
5		35		Ring @ 5'	SP	SIMILAR TO ABOVE
10		22		Ring @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B16

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53

Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		35		RING @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN
5		20		RING @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
10		24		RING @ 10'	SP	SIMILAR TO ABOVE
15		46		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		49		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/18/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B17

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
						OIL STAINED ASPHALT
		30		RING @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN
5		25		RING @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
					SP	SLIGHT ODORS IN CUTTINGS
10		21		RING @ 10'	SP	SIMILAR TO ABOVE
					SP	SLIGHT ODORS IN CUTTINGS
15		46		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		34		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

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California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/18/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B18

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
						OIL STAINED ASPHALT
		55		RING @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, DENSE, NO ODOR, BROWN
						* SMALL VOLUME OF CONTAMINATED SOIL IN UPPER RING
						* SLIGHT PETROLIFEROUS ODOR IN CUTTINGS
5		81		RING @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST V DENSE, NO ODOR, BROWN TO TAN
						SLIGHT ODOR IN CUTTINGS
10		40		RING @ 10'	SP	SIMILAR TO ABOVE, NO ODOR IN SAMPLE
						SLIGHT ODOR IN CUTTINGS
15		72		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		50		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/18/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B19

Sheet ___ Of ___

Field location of boring:

Drilling Method ___

Hole Dia. ___

Installation Data ___

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		35		RING @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, SLIGHT ODOR, BROWN
5		22		RING @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR BROWN TO TAN
						SLIGHT ODOR IN CUTTINGS
10		22		RING @ 10'	SP	SIMILAR TO ABOVE
15		41		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		95		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/22/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B20

Sheet ___ of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
						OIL STAINED ASPHALT
		43		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
5		20		RING @ 5'	SP	SIMILAR TO ABOVE
						SLIGHT ODOR IN CUTTINGS
10		20		RING @ 10'	SP	SIMILAR TO ABOVE
						SLIGHT ODOR IN CUTTINGS
15		42		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		78		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

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California Registered Geologist #4122

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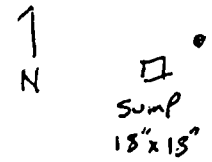
LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/18/87
Client CALAC
Location PLANT C-1
Logged By JM Driller PS

Boring No. 038-B21
Sheet ___ Of ___

Field location of boring:



Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCENTRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
						CONCRETE NEAR SUMP
		15		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
5		30		RING @ 5'	SP	SIMILAR TO ABOVE
						SLIGHT ODOR IN CUTTINGS
10		28		RING @ 10'	SP	SIMILAR TO ABOVE
15		35		RING @ 15'	SP	SIMILAR TO ABOVE
20		50		RING @ 20'	SP	SIMILAR TO ABOVE
30		45		RING @ 30'	SP	SIMILAR TO ABOVE
40		26		RING @ 40'	SP	SAND, FINE TO MED, SOME FINE GRAVELS SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/22/87

Client CALAC

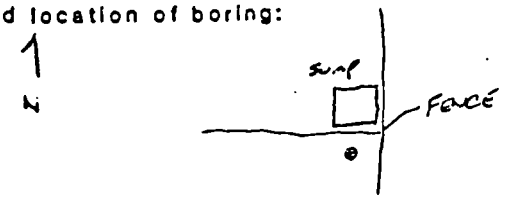
Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B22

Sheet ___ Of ___

Field location of boring:



Drilling Method B-53

Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
						ASPHALT
		14		RING @ 2.5'	SP	SAND, FINE TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, SOLVENT ODOR, TAN TO BLACK
5		37		RING @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M. DENSE, ODOR PRESENT, TAN TO BROWN
10		72		RING @ 10'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, DENSE, NO ODOR, TAN TO BROWN
15		70		RING @ 15'	SP	SIMILAR TO ABOVE
20		58		RING @ 20'	SP	SIMILAR TO ABOVE
30		55		RING @ 30'	SP	SIMILAR TO ABOVE
40		30		RING @ 40'	SP	SAND, FINE TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87
Client CALAC
Location PLANT C-1
Logged By JM Driller TC

Boring No. 038-B23
Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		62		RING @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS SLIGHTY MOIST, DENSE, NO ODOR, BROWN
5		21		RING @ 5'	SP	SAND MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
10		38		RING @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg
California Registered Geologist # 4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B24

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		50		RING @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS SLIGHTLY MOIST, DENSE, NO ODOR, BROWN
5		21		RING @ 5'	SP	SAND MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
10		13		RING @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/17/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B25

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		47		Ring @ 2.5'	SM	SILTY SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, DENSE, NO ODOR, BROWN
5		20		Ring @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
10		50		Ring @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-058 Date 7/18/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B26

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		25		Ring @ 2.5'	SP	SAND, FINE TO MED, SOME FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
5		38		Ring @ 5'	SP	SAND MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
10		30		Ring @ 10'	SP	SIMILAR TO ABOVE
15		75		Ring @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		60		Ring @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 7/21/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B27

Sheet ___ Of ___

Drilling Method B-53 Hole Dia. 8"

Installation Data

Field location of boring:

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		15		Ring @ 2.5'	SP	SAND MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
5		21		Ring @ 5'	SP	SIMILAR TO ABOVE
10		30		Ring @ 10'	SP	SIMILAR TO ABOVE
15		30		Ring @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		32		Ring @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/21/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 638-B28

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level			
Time			
Date			

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		22		Ring @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, TAN TO BROWN
5		22		Ring @ 5'	SP	SIMILAR TO ABOVE
10		41		Ring @ 10'	SP	SIMILAR TO ABOVE
15		33		Ring @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		75		Ring @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/18/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B29

Sheet ___ of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		40		Ring @ 2.5	SM	SILTY SAND, FINE TO COARSE, FINE GRAVELS SLIGHTLY MOIST, M. DENSE, NO ODOR, BROWN
5		25		Ring @ 5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
10		18		Ring @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/18/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B30

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
						COBBLES
		13		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS AND SOME COBBLES, SLIGHTLY MOIST, LOOSE, NO ODOR, TAN TO BROWN, SOME WOOD AND RUBBER DEBRIS
5		19		RING @ 5'	SP	SIMILAR TO ABOVE NO DEBRIS
10		32		RING @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/18/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B31

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53

Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		11		Ring @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, TAN TO BROWN
5		27		Ring @ 5'	SP	SIMILAR TO ABOVE
10		28		Ring @ 10'	SP	SIMILAR TO ABOVE
15		36		Ring @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		57		Ring @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/21/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B32

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
						IN OIL STAINED SOIL
		22		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
5		30		RING @ 5'	SP	SIMILAR TO ABOVE
10		43		RING @ 10'	SP	SIMILAR TO ABOVE
15		40		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		60		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

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Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/21/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B33

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		45		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, TAN TO BROWN
5		30		RING @ 5'	SP	SIMILAR TO ABOVE
10		35		RING @ 10'	SP	SIMILAR TO ABOVE
15		37		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		50		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

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Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/22/87

Client CALAC

Location PLANT C-1

Logged By JM Driller PS

Boring No. 038-B34

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		25		Ring @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, TAN TO BROWN
5		38		Ring @ 5'	SP	SIMILAR TO ABOVE
10		45		Ring @ 10'	SP	SIMILAR TO ABOVE
15		60		Ring @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		83		Ring @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/16/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B35

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		18		RING @ 2.5'	SP	SAND MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
5		50		RING @ 5'	SP	SIMILAR TO ABOVE
10		20		RING @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/16/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No 038-B36

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53

Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		14		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
5		56		RING @ 5'	SP	SIMILAR TO ABOVE
10		32		RING @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

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LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/21/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B37

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53

Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		10		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR
5		25		RING @ 5'	SP	SIMILAR TO ABOVE
10		22		RING @ 10'	SP	SIMILAR TO ABOVE
15		30		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		40		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/21/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B38

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53

Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		24		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, BROWN TO TAN
5		28		RING @ 5'	SP	SIMILAR TO ABOVE
10		25		RING @ 10'	SP	SIMILAR TO ABOVE
15		50		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		45		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/21/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. C38-B39

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		25		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR BROWN TO TAN
5		30		RING @ 5'	SP	SIMILAR TO ABOVE
10		38		RING @ 10'	SP	SIMILAR TO ABOVE
15		36		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		50		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/16/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B40

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		20		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS DRY, LOOSE, NO ODOR, TAN
5		18		RING @ 5'	SP	SIMILAR TO ABOVE
10		75		RING @ 10'	SP	SIMILAR TO ABOVE

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/21/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B41

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		15		Ring @ 2.5'	SP	SAND, FINE TO COARSE, SOME FINE GRAVELS SLIGHTLY MOIST, LOOSE, NO ODOR, TAN
5		18		Ring @ 5'	SP	SIMILAR TO ABOVE
10		24		Ring @ 10'	SP	SIMILAR TO ABOVE
15		40		Ring @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		50		Ring @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 Date 9/21/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B42

Sheet ___ of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		28		Ring @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR, TAN TO BROWN
5		48		Ring @ 5'	SP	SIMILAR TO ABOVE
10		50		Ring @ 10'	SP	SIMILAR TO ABOVE
15		45		Ring @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		45		Ring @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 9/21/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 038-B43

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		30		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, M DENSE, NO ODOR TAN TO BROWN
5		35		RING @ 5'	SP	SIMILAR TO ABOVE
10		46		RING @ 10'	SP	SIMILAR TO ABOVE
15		65		RING @ 15'	SP	SIMILAR TO ABOVE
					SP	SIMILAR TO ABOVE
20		45		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

GREGG

LOG OF EXPLORATORY BORING

Project No. 86-106-038 9/16/87

Client CALAC

Location PLANT C-1

Logged By JM Driller TC

Boring No. 035-B44

Sheet ___ Of ___

Field location of boring:

Drilling Method B-53 Hole Dia. 8"

Installation Data

BACKGROUND BORING

Water Level				
Time				
Date				

DEPTH	GRAPHIC LOG	BLOW/ft	VAPOR CONCEN-TRATION	SAMPLE TYPE AND DEPTH	SOIL GROUP SYMBOL (U.S.C.S.)	DESCRIPTION
		23		RING @ 2.5'	SP	SAND, MED TO COARSE, FINE GRAVELS, SLIGHTLY MOIST, LOOSE, NO ODOR, BROWN TO TAN
5		27		RING @ 5'	SP	SIMILAR TO ABOVE
10		75		RING @ 10'	SP	SIMILAR TO ABOVE
15						
					SP	SIMILAR TO ABOVE
20		50		RING @ 20'		

This work was performed under my supervision, and I concur with the findings.

Dean O. Gregg

Dean O. Gregg
California Registered Geologist #4122

APPENDIX B

LABORATORY REPORTS

RECEIVED OCT - 9 1987

AnalyticalTechnologies, Inc. Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D. 709175

October 8, 1987

Gregg & Associates
18350 Mt. Langley, Suite 100
Fountain Valley, California 92708

Project: Calac Plant C-1

Attention: Anita Bohnerud

On September 17, 1987, Analytical Technologies, Inc. received eighty-four soil samples for analyses. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. Please see the attached sheet for the sample cross reference.

The results, sample cross reference, and the quality control data are enclosed.

Marcilen Lindsey
Marcilen Lindsey
Inorganics Supervisor

Richard M. Amano
Laboratory Manager

ML:mag

ATI I.D. 709175

ANALYTICAL SCHEDULE

CLIENT: GREGG & ASSOC., INC.
PROJECT NO.: CALAC PLANT C-1

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
PETROLEUM HYDROCARBONS	IR	EPA 418.1 (MODIFIED)
ANTIMONY	AA/GF	EPA 7041
ARSENIC	AA/GF	EPA 7060
BARIUM	ICAP	EPA 6010
BERYLLIUM	ICAP	EPA 6010
CADMIUM	AA/GF	EPA 7131
CHROMIUM	ICAP	EPA 6010
COBALT	ICAP	EPA 6010
COPPER	ICAP	EPA 6010
LEAD	AA/GF	EPA 7421
MERCURY	COLD VAPOR/AA	EPA 7471
MOLYBDENUM	ICAP	EPA 6010
NICKEL	ICAP	EPA 6010
SELENIUM	AA/GF	EPA 7740
SILVER	ICAP	EPA 6010
THALLIUM	AA/GF	EPA 7841
VANADIUM	ICAP	EPA 6010
ZINC	ICAP	EPA 6010
PURGEABLE HALOCARBONS	GC/HD	EPA 8010
PUREABLE AROMATICS	GC/PID	EPA 8020

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

ATI I.D. : 709175

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	038-B44 2.5'	SOIL	09/16/87
02	038-B44 5'	SOIL	09/16/87
03	038-B44 10'	SOIL	09/16/87
04	038-B44 20'	SOIL	09/16/87
05	038-B1 2.5'	SOIL	09/16/87
06	038-B1 5'	SOIL	09/16/87
07	038-B1 10'	SOIL	09/16/87
08	038-B2 2.5'	SOIL	09/16/87
09	038-B2 5'	SOIL	09/16/87
10	038-B2 10'	SOIL	09/16/87
11	038-B3 2.5'	SOIL	09/16/87
12	038-B3 5'	SOIL	09/16/87
13	038-B3 10'	SOIL	09/16/87
14	038-B4 2.5'	SOIL	09/16/87
15	038-B4 5'	SOIL	09/16/87
16	038-B4 10'	SOIL	09/16/87
17	038-B5 2.5'	SOIL	09/16/87
18	038-B5 5'	SOIL	09/16/87
19	038-B35 2.5'	SOIL	09/16/87
20	038-B35 5.0'	SOIL	09/16/87
21	038-B35 10'	SOIL	09/16/87
22	038-B36 2.5'	SOIL	09/16/87
23	038-B36 5'	SOIL	09/16/87
24	038-B36 10'	SOIL	09/16/87
25	038-B40 2.5	SOIL	09/16/87
26	038-B40 5'	SOIL	09/16/87
27	038-B40 10'	SOIL	09/16/87
28	038-B14 2.5'	SOIL	09/16/87
29	038-B14 5'	SOIL	09/16/87
30	038-B14 10'	SOIL	09/16/87
31	038-B14 15'	SOIL	09/16/87
32	038-B14 20'	SOIL	09/16/87
33	038-B14 30'	SOIL	09/16/87
34	038-B14 40'	SOIL	09/16/87
35	038-B5 10'	SOIL	09/16/87
36	038-B6 2.5	SOIL	09/16/87
37	038-B6 5'	SOIL	09/16/87
38	038-B6 10'	SOIL	09/16/87

(CONTINUED NEXT PAGE)

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

ATI I.D. : 709175

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
39	038-B6 15' 49	SOIL	09/16/87
40	038-B6 20'	SOIL	09/16/87
41	038-B6 30' 50	SOIL	09/16/87
42	038-B6 40'	SOIL	09/16/87
43	COMP OF 01-02	SOIL	09/16/87
44	COMP OF 03-04	SOIL	09/16/87
45	COMP OF 31-32	SOIL	09/16/87
46	COMP OF 33-34	SOIL	09/16/87
47	COMP OF 28-29	SOIL	09/16/87
48	COMP OF 30&32	SOIL	09/16/87
49	COMP OF 39-40	SOIL	09/16/87
50	COMP OF 41-42	SOIL	09/16/87
51	COMP OF 36-37	SOIL	09/16/87
52	COMP OF 38&40	SOIL	09/16/87
53	038-B23 2.5'	SOIL	09/16/87
54	038-B23 5'	SOIL	09/16/87
55	038-B23 10'	SOIL	09/16/87
56	038-B24 2.5'	SOIL	09/16/87
57	038-B24 5'	SOIL	09/16/87
58	038-B24 10'	SOIL	09/16/87
59	038-B25 2.5'	SOIL	09/16/87
60	038-B25 5'	SOIL	09/16/87
61	038-B25 10'	SOIL	09/16/87
62	038-B9 2.5'	SOIL	09/16/87
63	038-B9 5'	SOIL	09/16/87
64	038-B9 10'	SOIL	09/16/87
65	038-B10 2.5'	SOIL	09/16/87
66	038-B10 5'	SOIL	09/16/87
67	038-B10 10'	SOIL	09/16/87
68	038-B11 2.5'	SOIL	09/16/87
69	038-B11 5'	SOIL	09/16/87
70	038-B11 10'	SOIL	09/16/87
71	038-B12 2.5'	SOIL	09/16/87
72	038-B12 5'	SOIL	09/16/87
73	038-B12 10'	SOIL	09/16/87
74	038-B13 2.5'	SOIL	09/16/87
75	038-B13 5'	SOIL	09/16/87
76	038-B13 10'	SOIL	09/16/87

(CONTINUED NEXT PAGE)

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

ATI I.D. : 709175

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
77	038-B15 2.5'	SOIL	09/16/87
78	038-B15 5'	SOIL	09/16/87
79	038-B15 10'	SOIL	09/16/87
80	038-B7 2.5'	SOIL	09/16/87
81	038-B7 5'	SOIL	09/16/87
82	038-B7 10'	SOIL	09/16/87
83	038-B7 15'	SOIL	09/16/87
84	038-B7 20'	SOIL	09/16/87
85	038-B8 2.5'	SOIL	09/16/87
86	038-B8 5'	SOIL	09/16/87
87	038-B8 10'	SOIL	09/16/87
88	038-B8 15'	SOIL	09/16/87
89	038-B8 20'	SOIL	09/16/87
90	038-B16 2.5'	SOIL	09/16/87
91	038-B16 5'	SOIL	09/16/87
92	038-B16 10'	SOIL	09/16/87
93	038-B16 15'	SOIL	09/16/87
94	038-B16 20'	SOIL	09/16/87

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	94

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

METALS RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	43	44	47	48	51
SILVER	MG/KG	<2.5	<2.5	<2.5	<2.5	<2.5
ARSENIC	MG/KG	4.8	2.3	2.9	3.2	3.5
BARIUM	MG/KG	65.0	53.2	52.3	63.0	64.9
BERYLLIUM	MG/KG	<0.5	<0.5	<0.5	<0.5	<0.5
CADMIUM	MG/KG	<0.2	<0.2	<0.2	<0.2	<0.2
COBALT	MG/KG	5.2	3.9	3.3	4.1	3.9
CHROMIUM	MG/KG	7.2	4.5	5.6	10.0	7.3
COPPER	MG/KG	12.3	9.4	11.9	15.5	9.8
MERCURY	MG/KG	<0.25	<0.25	<0.25	<0.25	<0.25
MOLYBDENUM	MG/KG	<1.0	<1.0	<1.0	<1.0	<1.0
NICKEL	MG/KG	6.1	4.7	6.9	5.6	5.0
LEAD	MG/KG	2.8	2.1	4.8	2.8	2.8
ANTIMONY	MG/KG	<1.0	<1.0	<1.0	<1.0	<1.0
SELENIUM	MG/KG	<1.0	<1.0	<1.0	<1.0	<1.0
THALLIUM	MG/KG	<1.0	<1.0	<1.0	<1.0	<1.0
VANADIUM	MG/KG	17.9	14.0	13.7	20.5	16.6
ZINC	MG/KG	31.2	25.9	28.2	32.1	29.4

METALS RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	52
SILVER	MG/KG	<2.5
ARSENIC	MG/KG	1.7
BARIUM	MG/KG	34.6
BERYLLIUM	MG/KG	<0.5
CADMIUM	MG/KG	<0.2
COBALT	MG/KG	3.3
CHROMIUM	MG/KG	5.7
COPPER	MG/KG	8.1
MERCURY	MG/KG	<0.25
MOLYBDENUM	MG/KG	<1.0
NICKEL	MG/KG	2.7
LEAD	MG/KG	1.8
ANTIMONY	MG/KG	<1.0
SELENIUM	MG/KG	<1.0
THALLIUM	MG/KG	<1.0
VANADIUM	MG/KG	9.2
ZINC	MG/KG	19.5

METALS - QUALITY CONTROL

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
SILVER	MG/KG	70917552	<2.5	<2.5	0	40.6	49.5	82
ARSENIC	MG/KG	70917552	1.7	1.2	34	27.9	28.6	92
BARIUM	MG/KG	70917552	34.6	36.2	5	132	95.4	101
BERYLLIUM	MG/KG	70917552	<0.5	<0.5	0	98.0	95.4	103
CADMIUM	MG/KG	70917552	<0.2	<0.2	0	15.1	14.3	106
COBALT	MG/KG	70917552	3.3	2.3	36	90.4	95.4	92
CHROMIUM	MG/KG	70917552	5.7	3.0	62	52.2	47.7	100
COPPER	MG/KG	70917552	8.1	8.1	0	55.1	47.7	99
MERCURY	MG/KG	70917548	<0.25	<0.25	0	0.0051	0.0050	102
MOLYBDENUM	MG/KG	70917552	<1.0	<1.0	0	79.9	95.4	84
NICKEL	MG/KG	70917552	2.7	2.8	4	47.6	47.7	94
LEAD	MG/KG	70917552	1.8	1.7	6	93.5	95.4	96
ANTIMONY	MG/KG	70917552	<1.0	<1.0	0	18.1	27.6	66
SELENIUM	MG/KG	70916202	<1.0	<1.0	0	27.4	29.5	93
THALLIUM	MG/KG	70917552	<1.0	<1.0	0	25.2	27.6	90
VANADIUM	MG/KG	70917552	9.2	8.5	8	104	95.4	100
ZINC	MG/KG	70917552	19.5	16.2	18	63.3	47.7	95

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	01	02	03	04	05
PETROLEUM HYDROCARBONS, IR	MG/KG	1	51	6	1	2

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	06	07	08	09	10
PETROLEUM HYDROCARBONS, IR	MG/KG	4	1	7	<1	6

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	11	12	13	14	15
PETROLEUM HYDROCARBONS, IR	MG/KG	3	1	2	2	2

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	21	22	23	24	25
PETROLEUM HYDROCARBONS, IR	MG/KG	3	1	1	4	4

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	26	27	35	53	54
PETROLEUM HYDROCARBONS, IR	MG/KG	1	1	9	2	3

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	55	56	57	58	59
PETROLEUM HYDROCARBONS, IR	MG/KG	3	500	4	4	10

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	60	61	62	63	64
PETROLEUM HYDROCARBONS, IR	MG/KG	4	2	6	2	4

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	65	66	67	68	69
PETROLEUM HYDROCARBONS, IR	MG/KG	3	2	3	1000	2

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	70	71	72	73	74
PETROLEUM HYDROCARBONS, IR	MG/KG	7	4	1	2	11

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	75	76	77	78	79
PETROLEUM HYDROCARBONS, IR	MG/KG	2	7	14	2	1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	80	81	82	83	84
PETROLEUM HYDROCARBONS, IR	MG/KG	<1	<1	1	<1	1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	85	86	87	88	89
PETROLEUM HYDROCARBONS, IR	MG/KG	1	<1	1	3	<1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	90	91	92	93	94
PETROLEUM HYDROCARBONS, IR	MG/KG	10	5	2	<1	<1

GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
PETROLEUM HYDROCARBONS	MG/KG	70917501	1	1	0	51	48	104
PETROLEUM HYDROCARBONS	MG/KG	70917512	1	1	0	52	51	100
PETROLEUM HYDROCARBONS	MG/KG	70917518	4	3	0	53	49	102
PETROLEUM HYDROCARBONS	MG/KG	70920115	4	3	29	52	49	99
PETROLEUM HYDROCARBONS	MG/KG	70917569	2	<1	0	51	51	98
PETROLEUM HYDROCARBONS	MG/KG	70917554	3	3	0	52	50	98
PETROLEUM HYDROCARBONS	MG/KG	70917572	1	1	0	50	50	98
PETROLEUM HYDROCARBONS	MG/KG	70917582	1	3	100	49	49	96
PETROLEUM HYDROCARBONS	MG/KG	70917592	2	2	0	52	50	100

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917528

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/28
CLIENT I.D.	: 038-B14 2.5'	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	0.250
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	80
TRIFLUOROTOLUENE (%)	110

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917529

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/28
CLIENT I.D.	: 038-B14 5'	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	89
TRIFLUOROTOLUENE (%)	107

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917530

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/28
CLIENT I.D.	: 038-B14 10'	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	83
TRIFLUOROTOLUENE (%)	100

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917536

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/28
CLIENT I.D.	: 038-B6 2.5	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	0.16
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	78
TRIFLUOROTOLUENE (%)	92

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917537

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/28
CLIENT I.D.	: 038-B6 5'	DATE ANALYZED	: 10/06/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	101
TRIFLUOROTOLUENE (%)	105

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917538

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/28
CLIENT I.D.	: 038-B6 10'	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	84
TRIFLUOROTOLUENE (%)	88

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917543

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/21/87
CLIENT I.D.	: COMP OF 01-02	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	0.089
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	78
TRIFLUOROTOLUENE (%)	87

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917544

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/21/87
CLIENT I.D.	: COMP OF 03-04	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	0.013
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	82
TRIFLUOROTOLUENE (%)	98

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917545

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/21/87
CLIENT I.D.	: COMP OF 31-32	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	87
TRIFLUOROTOLUENE (%)	103

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917546

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/21/87
CLIENT I.D.	: COMP OF 33-34	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	87
TRIFLUOROTOLUENE (%)	103

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917549

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/21/87
CLIENT I.D.	: COMP OF 39-40	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	89
TRIFLUOROTOLUENE (%)	109

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70917550

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/16/87
PROJECT #	: CALAC PLANT C-1	DATE RECEIVED	: 09/17/87
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 9/21/87
CLIENT I.D.	: COMP OF 41-42	DATE ANALYZED	: 09/30/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	85
TRIFLUOROTOLUENE (%)	102

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE EXTRACTED	: 09/21/87
PROJECT #	: CALAC PLANT C-1	DATE ANALYZED	: 10/05/87
PROJECT NAME	: (NONE)	UNITS	: MG/KG
CLIENT I.D.	: REAGENT BLANK	DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	0.048
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	93
TRIFLUOROTOLUENE (%)	105

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10/11/75

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DATE 7/16/87 PAGE 1 OF 10

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC INC
ADDRESS 18350 MT LAUREL ST
FOUNTAIN VALLEY, CA.

SAMPLERS (SIGNATURE) Jeff Martin (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1	CAC METALS		PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
1 038-B44 2.5'	7/16/87		SOIL							X	X			X	X										1
2 038-B44 5'	"		"							X	X			X	X										1
3 038-B44 10'	"									X	X			X	X										1
4 038-B44 20'	"									X	X			X	X										1
5 038-B1 2.5'	"													X											1
6 038-B1 5'	"													X											1
7 038-B1 10'	"													X											1
8 038-B2 2.5'	"													X											1
9 038-B2 5'	"													X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
	REC'D GOOD CONDITION/COLD	
SHIPPING ID. NO.	CONFORMS TO RECORD	
VIA:	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:
COMPOSITE 038-B44 2.5' AND 5' CAC METALS
" " " 10' AND 20' " "
" " " 2.5' AND 5' 8010/8020
" " " 10' AND 20' " "

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
Jeff Martin	MARK NAVARRO 9:00	
(Signature) JEFF MARTIN (Time) 500	(Signature) MARK NAVARRO (Time) 9-17	(Signature) (Time)
(Printed Name) GREGG + ASSOC (Date) 7/17/87	(Printed Name) REDI-EXPRESS (Date)	(Printed Name) (Date)
(Company)	(Company)	(Company)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3.**
MARK NAVARRO 5:00	[illegible] 8:25AM	
(Signature) MARK NAVARRO (Time) 9-17	(Signature) JOAQUIN VELASQUEZ (Time) 9/17/87	(Signature) (Time)
(Printed Name) REDI EXPRESS (Date)	(Printed Name) ATI (Date)	(Printed Name)
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

Analytical Technologies, Inc.
San Diego • Phoenix • Seattle

Chain of Custody

DATE 9/16/87 PAGE 2 OF 10

PROJ. MGR. ANITA
COMPANY GRGGL + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY, CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
038-B2 10'	9/16/87		SOIL											X											1
038-B3 2.5'	"		"											X											1
038-B3 5'	"		"											X											1
038-B3 10'	"		"											X											1
038-B4 2.5'	"		"											X											1
038-B4 5'	"		"											X											1
038-B4 10'	"		"											X											1
038-B5 2.5'	"		"											X											1
038-B5 5'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
	REC'D GOOD CONDITION/COLD	
SHIPPING ID. NO.	CONFORMS TO RECORD	
VIA:	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature]	MATT MARTIN 8:25	
(Signature) JEFF MARTIN (Time) 800	(Signature) MARK NAVARRO (Time) 9-17	(Signature) (Time)
(Printed Name) GRGGL + ASSOC (Date) 9/17/87	(Printed Name) MEDI-EXPRESS (Date)	(Printed Name) (Date)
(Company)	(Company)	(Company)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3.**
MATT MARTIN 8:00	[signature] 8:25	
(Signature) MARK NAVARRO (Time) 9-17	(Signature) JOAQUIN VELASQUEZ (Time) 9/17/87	(Signature) (Time)
(Printed Name) MEDI-EXPRESS (Date)	(Printed Name) ATI (Date)	(Printed Name)
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

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DATE 9/16/87 PAGE 3 OF 10

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY CAL

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
1	038-B35 2.5'	9/16/87		SOIL											X											1
2	038-B35 5.0'														X											1
3	038-B35 10'														X											1
4	038-B36 2.5'														X											1
5	038-B36 5'														X											1
6	038-B36 10'														X											1
7	038-B40 2.5'														X											1
8	038-B40 5'														X											1
9	038-B40 10'														X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PQ NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature]	MARK NAVARRO 8:25pm	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 600	MARK NAVARRO 9-17	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GREGG + ASSOC 9/17/87	REDI-EXPRESS	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
MARK NAVARRO 5:00	[signature] 8:25pm	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9-17	JOAQUIN VELASQUEZ 9/17/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
REDI-EXPRESS	ATI	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

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DATE 9/16/87 PAGE 4 OF 10

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC
ADDRESS 18350 BRD MT LANGLEY ST
FOUNTAIN VALLEY CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 764 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.	CAC METALS		PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
28	038-B14 2.5'	7/14/87		SOIL							X	X				X										1
29	038-B14 5'	"		"							X	X				X										1
30	038-B14 10'	"		"							X	X				X										1
31	038-B14 15'	"		"							X	X				X										1
32	038-B14 20'	"		"							X	X				X										1
33	038-B14 30'	"		"							X	X				X										1
34	038-B14 40'	"		"							X	X				X										1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:
COMPOSITE 038-B14 15' AND 20' EPA 8010/8020
COMPOSITE 038-B14 30' AND 40' " " "
COMPOSITE 038-B14 2.5' AND 5' CAC METALS
COMPOSITE 038-B14 10' AND 20' CAC METALS

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature]	[signature] 8:25	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 5:00	MARK NAVARRO 9-17	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GREGG + ASSOC 7/17/87	REDI EXPRESS	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 5:00	[signature] 8:25 AM	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9-17	JOAQUIN VELASQUEZ 9/17/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
REDI-EXPRESS	ATI	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

Analytical Technologies, Inc.
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Chain of Custody

DATE 7/16/87 PAGE 5 OF 10

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC
ADDRESS 18350 MT LANGLEY
FOUNTAIN VALLEY

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1	CAC METALS		PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
35	038-B5 10'														X											1
36	038-B6 2.5'										X	X			~~X~~	~~X~~										1
37	038-B6 5'										X	X				X										1
38	038-B6 10'										X	X				X										1
39	038-B6 15'										X	X				X										1
40	038-B6 20'										X	X				X										1
41	038-B6 30'										X	X				X										1
42	038-B6 40'										X	X				X										1

— RUN THIS

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:
COMPOSITE 038-B6 15' AND 20' EPA 8010/8020
" " " 30' AND 40' " " "
COMPOSITE 038-B6 2.5' AND 5' CAC METALS
" " " 10' AND 20' " "

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature]	MARK NAVARRO 8:25	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 5:00	MARK NAVARRO 9-17	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GREGG + ASSOC 9/17/87	RED EXPRESS	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
MARK NAVARRO 5:00	[signature] 8:25	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9-17	JOAQUIN VELASQUEZ 9/17/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
RED EXPRESS	ATI	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

Analytical Technologies, Inc.
San Diego • Phoenix • Seattle

Chain of Custody

DATE 9/17/87 PAGE 6 OF 10

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 968 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
53	038-B23 2.5'	9/17/87		SOIL											X											1
54	038-B23 5'	"		"											X											1
55	038-B23 10'	"		"											X											1
56	038-B24 2.5'	"		"											X											1
57	038-B24 5'	"		"											X											1
58	038-B24 10'	"		"											X											1
59	038-B25 2.5'	"		"											X											1
60	038-B25 5'	"		"											X											1
61	038-B24 10'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PQ NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 5:00	[signature] 8:25	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 9/17/87	MARK NAVARRO 9-17	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GREGG + ASSOC	REDI EXPRESS	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 5:00	[signature] 8:25 pm	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9-17	JOAQUIN VELASQUEZ 9/17/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
REDI EXPRESS	ATI	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES INC

Analytical Technologies, Inc.
San Diego • Phoenix • Seattle

Chain of Custody

DATE 9/17/87 PAGE 7 OF 10

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY, CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
62	038-B9 2.5'	9/17/87		SOIL											X											1
63	038-B9 5'	"		"											X											1
64	038-B9 10'	"		"											X											1
65	038-B10 2.5'	"		"											X											1
66	038-B10 5'	"		"											X											1
67	038-B10 10'	"		"											X											1
68	038-B11 2.5'	"		"											X											1
69	038-B11 5'	"		"											X											1
70	038-B11 10'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature]	[signature] 8:20	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 500	MARK NARANJO 9-17	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GREGG + ASSOC 9/17/87	REDI EXPRESS	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 5:00	[signature] 8:25 PM	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NARANJO 9-17	JOAQUIN VELASQUEZ 9/17/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
REDI EXPRESS	ATI	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

Analytical Technologies, Inc.
San Diego • Phoenix • Seattle

Chain of Custody

DATE 9/17/87 PAGE 8 OF 10

PROJ. MGR. ANITA
COMPANY 62E66 + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
71	038-B12 2.5'	9/17/87		SOIL											X											1
72	038-B12 5'	"		"											X											1
73	038-B12 10'	"		"											X											1
74	038-B13 2.5'	"		"											X											1
75	038-B13 5'	"		"											X											1
76	038-B13 10'	"		"											X											1
77	038-B15 2.5'	"		"											X											1
78	038-B15 5'	"		"											X											1
79	038-B15 10'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
	REC'D GOOD CONDITION/COLD	
SHIPPING ID. NO.	CONFORMS TO RECORD	
VIA:	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 500	[signature] 8:25P	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 9/17/87	MARK NAVARRO 9-11	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
62E66 + ASSOC	MEDLEY/CHEES	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 5:00p	[signature] 6:25pm	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9-11	JOAQUIN VELASQUEZ 9/17/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
REDI-EXPRESS	ATI	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

Analytical Technologies, Inc.
San Diego • Phoenix • Seattle

Chain of Custody

DATE 9/17/87 PAGE 9 OF 10

PROJ. MGR. ANITA
COMPANY GEIGG + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
30	038-B7 2.5'	9/17/87		SOIL											X											1
31	038-B7 5'	"		"											X											1
32	038-B7 10'	"		"											X											1
33	038-B7 15'	"		"											X											1
34	038-B7 20'	"		"											X											1
35	038-B8 2.5'	"		"											X											1
36	038-B8 5'	"		"											X											1
37	038-B8 10'	"		"											X											1
38	038-B8 15'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALIF PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 500	[signature] 8:25	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 9/17/87	MARK NAVARRO 9-17	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GEIGG + ASSOC	RED EXPRESS	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 5:00	[signature] 8:25 PM	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9-17	JOAQUIN VELASQUEZ 9/17/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
RED EXPRESS	ATI	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

AnalyticalTechnologies, Inc.
San Diego • Phoenix • Seattle

Chain of Custody

DATE 9/17/87 PAGE 10 OF 10

PROJ. MGR. ANITA
COMPANY GEC & ASSOC
ADDRESS 18380 MT LANGLEY ST
FOUNTAIN VALLEY, CA

SAMPLERS (SIGNATURE) (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240.	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA:INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
9	038-B8 20'	9/17/87		SOIL											X											1
10	038-B16 2.5'	"		"											X											1
11	038-B16 5'	"		"											X											1
12	038-B16 10'	"		"											X											1
13	038-B16 15'	"		"											X											1
14	038-B16 20'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	5:00	8:20P	
PO NO.	CHAIN OF CUSTODY SEALS	(Signature)	(Signature)	(Signature) (Time)
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	(Time) JEFF MARTIN 9/17/87	(Time) MARK NAVARRO 9-17	(Printed Name) (Date)
VIA:	CONFORMS TO RECORD	(Printed Name) (Date) GEC & ASSOC	(Printed Name) (Date) RED-EXPRESS	(Company)
	LAB NO.	(Company)	(Company)	
SPECIAL INSTRUCTIONS/COMMENTS:		RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
		5:00	8:25PM	
		(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
		MARK NAVARRO 9-17	JOAQUIN VELASQUEZ 9/17/87	(Printed Name)
		(Printed Name) (Date) RED-EXPRESS	(Printed Name) (Date) ATI	ANALYTICAL TECHNOLOGIES, INC.
		(Company)	(Company)	

REC... - 9 1987

AnalyticalTechnologies, Inc.
Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D. 709191

October 8, 1987

Gregg & Associates
18350 Mt. Langley Street, Suite 100
Fountain Valley, California 92708

Attention: Anita Bohnerud

On September 18, 1987, Analytical Technologies, Inc. received thirty-three soil samples for analyses. Eight samples were composited into four composite samples. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. Please see the attached sheet for the sample cross reference.

The results, sample cross reference, and the quality control data are enclosed.

Marcilen Lindsey
Inorganics Supervisor

Richard M. Amano
Laboratory Manager

ML:bc

ATI I.D. 709191

ANALYTICAL SCHEDULE

CLIENT : GREGG & ASSOCIATES
PROJECT NAME : CALAC PLANT C-1

PROJECT NO.: N/A

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
ANTIMONY	AA/GF	EPA 7041
ARSENIC	AA/GF	EPA 7060
BARIUM	ICAP	EPA 6010
BERYLLIUM	ICAP	EPA 6010
CADMIUM	AA/GF	EPA 7131
CHROMIUM	ICAP	EPA 6010
COBALT	ICAP	EPA 6010
COPPER	ICAP	EPA 6010
LEAD	AA/GF	EPA 7421
MERCURY	COLD VAPOR/AA	EPA 7471
MOLYBDENUM	ICAP	EPA 6010
NICKEL	ICAP	EPA 6010
SELENIUM	AA/GF	EPA 7740
SILVER	ICAP	EPA 6010
THALLIUM	AA/GF	EPA 7841
VANADIUM	ICAP	EPA 6010
ZINC	ICAP	EPA 6010
PETROLEUM HYDROCARBONS	IR	EPA 418.1 (MODIFIED)
PURGEABLE HALOCARBONS	GC/HALL	EPA 8010
PURGEABLE AROMATICS	GC/PID	EPA 8020

CLIENT : GREGG & ASSOC., INC. DATE RECEIVED : 09/18/87
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1 REPORT DATE : 10/08/87
ATI I.D. : 709191

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	038-B21 2.5'	SOIL	09/18/87
02	038-B21 5'	SOIL	09/18/87
03	038-B21 10'	SOIL	09/18/87
04	038-B21 15'	SOIL	09/18/87
05	038-B21 20'	SOIL	09/18/87
06	038-B21 30'	SOIL	09/18/87
07	038-B21 40'	SOIL	09/18/87
08	038-B18 2.5'	SOIL	09/18/87
09	038-B18 5'	SOIL	09/18/87
10	038-B18 10'	SOIL	09/18/87
11	038-B18 15'	SOIL	09/18/87
12	038-B18 20'	SOIL	09/18/87
13	038-B17 2.5'	SOIL	09/18/87
14	038-B17 5'	SOIL	09/18/87
15	038-B17 10'	SOIL	09/18/87
16	038-B17 15'	SOIL	09/18/87
17	038-B17 20'	SOIL	09/18/87
18	038-B29 2.5'	SOIL	09/18/87
19	038-B29 5'	SOIL	09/18/87
20	038-B29 10'	SOIL	09/18/87
21	038-B30 2.5'	SOIL	09/18/87
22	038-B30 5'	SOIL	09/18/87
23	038-B30 10'	SOIL	09/18/87
24	038-B19 2.5'	SOIL	09/18/87
25	038-B19 5'	SOIL	09/18/87
26	038-B19 10'	SOIL	09/18/87
27	038-B19 15'	SOIL	09/18/87
28	038-B19 20'	SOIL	09/18/87
29	038-B31 2.5'	SOIL	09/18/87
30	038-B31 5'	SOIL	09/18/87
31	038-B31 10'	SOIL	09/18/87
32	038-B31 15'	SOIL	09/18/87
33	038-B31 20'	SOIL	09/18/87
34	COMPOSITE 01-02	SOIL	09/18/87
35	COMPOSITE 03&05	SOIL	09/18/87
36	COMPOSITE 04-05	SOIL	09/18/87
37	COMPOSITE 06-07	SOIL	09/18/87

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	37

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709191

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/18/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	08	09	10	11	12
PETROLEUM HYDROCARBONS, IR	MG/KG	140	3	3	<1	<1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709191

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/18/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	13	14	15	16	17
PETROLEUM HYDROCARBONS, IR	MG/KG	<1	18	2	<1	2

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709191

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/18/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	18	19	20	21	22
PETROLEUM HYDROCARBONS, IR	MG/KG	1	5	1	1400	14

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709191

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/18/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	23	24	25	26	27
PETROLEUM HYDROCARBONS, IR	MG/KG	4	20	2	<1	6

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709191

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/18/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	28	29	30	31	32
PETROLEUM HYDROCARBONS, IR	MG/KG	<1	240	2	<1	<1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709191

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/18/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	33
PETROLEUM HYDROCARBONS, IR	MG/KG	1

METALS RESULTS

ATI I.D. : 709191

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/18/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	34	35
SILVER	MG/KG	<2.5	<2.5
ARSENIC	MG/KG	1.5	1.8
BARIUM	MG/KG	47.6	34.8
BERYLLIUM	MG/KG	<0.5	<0.5
CADMIUM	MG/KG	<0.2	<0.2
COBALT	MG/KG	2.3	3.5
CHROMIUM	MG/KG	3.1	4.3
COPPER	MG/KG	5.7	7.9
MERCURY	MG/KG	<0.25	<0.25
MOLYBDENUM	MG/KG	<1.0	<1.0
NICKEL	MG/KG	3.8	4.0
LEAD	MG/KG	1.0	1.7
ANTIMONY	MG/KG	<1.0	<1.0
SELENIUM	MG/KG	<1.0	<1.0
THALLIUM	MG/KG	<1.0	<1.0
VANADIUM	MG/KG	9.3	12.4
ZINC	MG/KG	16.6	18.5

GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
PETROLEUM HYDROCARBONS	MG/KG	70919117	2	2	0	51	50	98
PETROLEUM HYDROCARBONS	MG/KG	70919125	2	3	40	49	51	91
PETROLEUM HYDROCARBONS	MG/KG	70919130	1	1	0	48	49	96

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

METALS - QUALITY CONTROL

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
SILVER	MG/KG	70919135	<2.5	<2.5	0	40.3	49.0	82
ARSENIC	MG/KG	70919135	1.8	2.1	15	28.8	27.9	96
BARIUM	MG/KG	70919135	34.8	34.6	1	127	92.9	99
BERYLLIUM	MG/KG	70919135	<0.5	<0.5	0	93.0	92.9	100
CADMIUM	MG/KG	70919135	<0.2	<0.2	0	12.1	13.9	87
COBALT	MG/KG	70919135	3.5	2.5	33	84.4	92.9	88
CHROMIUM	MG/KG	70919135	4.3	2.5	53	52.6	46.4	106
COPPER	MG/KG	70919135	7.9	6.8	15	56.4	46.4	106
MERCURY	MG/KG	70921004	<0.25	<0.25	0	2.8	2.4	117
MOLYBDENUM	MG/KG	70919135	<1.0	<1.0	0	87.7	99.0	89
NICKEL	MG/KG	70919135	4.0	4.8	18	47.0	46.4	92
LEAD	MG/KG	70919135	1.7	2.5	38	103	92.9	109
ANTIMONY	MG/KG	70919135	<1.0	<1.0	0	19.1	29.3	65
SELENIUM	MG/KG	70919135	<1.0	<1.0	0	21.1	27.9	76
THALLIUM	MG/KG	70919135	<1.0	<1.0	0	37.2	29.8	125
VANADIUM	MG/KG	70919135	12.4	10.5	17	115	92.8	112
ZINC	MG/KG	70919135	18.5	17.0	8	66.8	46.4	106

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70919101

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/18/87
PROJECT #	: (NONE)	DATE RECEIVED	: 09/18/87
PROJECT NAME	: CALACPLANTC1	DATE EXTRACTED	: 9/25/87
CLIENT I.D.	: 038-B21 2.5'	DATE ANALYZED	: 10/01/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	86
TRIFLUOROTOLUENE (%)	95

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70919102

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/18/87
PROJECT #	: (NONE)	DATE RECEIVED	: 09/18/87
PROJECT NAME	: CALACPLANTCl	DATE EXTRACTED	: 9/25/87
CLIENT I.D.	: 038-B21 5'	DATE ANALYZED	: 10/02/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	88
TRIFLUOROTOLUENE (%)	100

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70919103

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/18/87
PROJECT #	: (NONE)	DATE RECEIVED	: 09/18/87
PROJECT NAME	: CALACPLANTC1	DATE EXTRACTED	: 9/25/87
CLIENT I.D.	: 038-B21 10'	DATE ANALYZED	: 10/02/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	90
TRIFLUOROTOLUENE (%)	102

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70919136

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/18/87
PROJECT #	: (NONE)	DATE RECEIVED	: 09/18/87
PROJECT NAME	: CALACPLANTC1	DATE EXTRACTED	: 9/23/87
CLIENT I.D.	: COMPOSITE 04-05	DATE ANALYZED	: 10/02/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	88
TRIFLUOROTOLUENE (%)	94

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70919137

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/18/87
PROJECT #	: (NONE)	DATE RECEIVED	: 09/18/87
PROJECT NAME	: CALACPLANTC1	DATE EXTRACTED	: 9/23/87
CLIENT I.D.	: COMPOSITE 06-07	DATE ANALYZED	: 10/02/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	79
TRIFLUOROTOLUENE (%)	83

*** ERROR READING QC #...

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DATE 7/18/87 PAGE 1 OF 5

PROJ. MGR. ANITA
COMPANY GRAU + ASSOC INC
ADDRESS 18550 MT LANGLEY ST
FOUNTAIN VALLEY, CA

SAMPLERS (SIGNATURE) Jeff Martin (PHONE NO.) 714 964 9722

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1	CAC METALS		PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
038-B21 2.5'	7/18/87		SOIL							X	X				X									1	1
038-B21 5'	"		"							X	X				X										1
038-B21 10'	"		"							X	X				X										1
038-B21 15'	"		"							X	X				X										1
038-B21 20'	"		"							X	X				X										1
038-B21 30'	"		"							X	X				X										1
038-B21 40	"		"							X	X				X										1
038-B18 2.5'	"		"											X											
038-B18 5'	"		"											X											

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
	REC'D GOOD CONDITION/COLD	
SHIPPING ID. NO.	CONFORMS TO RECORD	
VIA:	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:
COMPOSITE 038-B21 15' AND 20' 8010/8020
" " " 30' AND 40' " "
COMPOSITE 038-B21 2.5' AND 5' CAC METALS
" " " 10' AND 20' " "

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
Jeff Martin	Ron Navarro	
(Signature) JEFF MARTIN (Time) 400	(Signature) Ron Navarro (Time) 9-10 PM	(Signature) (Time)
(Printed Name) GRAU + ASSOC (Date) 7/18/87	(Printed Name) Kodi-Express (Date)	(Printed Name) (Date)
(Company)	(Company)	(Company)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3.**
Ron Navarro 11:45 PM		Cheryl [illegible]
(Signature) Ron Navarro (Time) 7-18-87	(Signature) (Time)	(Signature) (Time)
(Printed Name) Kodi Express (Date)	(Printed Name) (Date)	(Printed Name)
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

Analytical Technologies, Inc.
San Diego • Phoenix • Seattle

Chain of Custody

DATE 9/18/87 PAGE 2 OF 5

PROJ. MGR. ANITA
COMPANY 62E66 + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
0	038-B18 10'	9/18/87		SOIL											X											1
11	038-B18 15'	"		"											X											1
12	038-B18 20'	"		"											X											1
13	038-B17 2.5'	"		"											X											1
4	038-B17 5'	"		"											X											1
15	038-B17 10'	"		"											X											1
16	038-B17 15'	"		"											X											1
7	038-B17 20'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature]	[signature]	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 400	[illegible]	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
62E66 + ASSOC 9/18/87	[illegible]	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature]	[signature] 8:30	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
[illegible]	DENISE M SHEBER 9/18/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
[illegible]	ATI	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

Analytical Technologies, Inc.
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DATE 9/18/87 PAGE 3 OF 5

PROJ. MGR. ANITA
COMPANY GEELG + ASSOC.
ADDRESS 18350 MT LANGLEY
FOUNTAIN VALLEY, CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
038-B29 2.5'	9/18/87		SOIL											X											1
038-B29 5'	"		"											X											1
038-B29 10'	"		"											X											1
038-B30 2.5'	"		"											X											1
038-B30 5'	"		"											X											1
038-B30 10'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
	REC'D GOOD CONDITION/COLD	
SHIPPING ID. NO.	CONFORMS TO RECORD	
VIA:	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 4:00	[signature]	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 9/18/87	[signature] 9/18/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GEELG + ASSOC	[illegible] Express	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 4:45 p.m.	[signature] 8:30 pm	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
[signature] 9/18/87	DENISE M. SHEBEK 9/18/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
[illegible] Express	ATT	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

Analytical Technologies, Inc.
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Chain of Custody

DATE 9/18/87 PAGE 4 OF 5

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 9648722

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
038-B19 2.5'	9/18/87		soil											X											1
038-B19 5'	"		"											X											1
038-B19 10'	"		"											X											1
038-B19 15'	"		"											X											1
038-B19 20'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
	REC'D GOOD CONDITION/COLD	
SHIPPING ID. NO.	CONFORMS TO RECORD	
VIA:	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 400	[signature]	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 9/18/87	[signature] 9/18/87	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GREGG + ASSOC	[illegible] Express	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 4:45 p	[signature] 8:34	Cheryl McGuire
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
[signature] 9/18/87	DENISE M. SHERER 9/18/87	Cheryl McGuire
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) 9/18 8:30
[illegible]		
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

Analytical Technologies, Inc.
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Chain of Custody

DATE 9/18/87 PAGE 5 OF 5

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
038-B31 2.5'	9/18/87		SOIL											X											1
038-B31 5'	"		"											X											1
038-B31 10'	"		"											X											1
038-B31 15'	"		"											X											1
038-B31 20'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 4:00	[signature]	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 9/18/87	[signature]	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GREGG + ASSOC	[illegible]	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 4:45pm		Cheryl McGuire
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
[signature] 9-18-87		Cheryl McGuire
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) 9/18 8:30
[illegible]		
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

RECEIVED OCT 12 1987

AnalyticalTechnologies, Inc. Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D. 709218

October 9, 1987

Gregg & Associates
18350 Mt. Langley, Suite 100
Fountain Valley, California 92708

Project Name: Calac Plant Cl

Attention: Anita Bohnerud

On September 22, 1987, Analytical Technologies, Inc. received seventy-two soil samples for analyses. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. Please see the attached sheet for the sample cross reference.

The results, sample cross reference, and the quality control data are enclosed.

Marcilen Lindsey
Inorganics Supervisor

Richard M. Amano
Laboratory Manager

ML:mag

ATI I.D. 709218

ANALYTICAL SCHEDULE

CLIENT: GREGG & ASSOC., INC. PROJECT NO.: (NONE)
PROJECT NAME: CALAC PLANT C1

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
PETROLEUM HYDROCARBONS	IR	EPA 418.1 (MODIFIED)
ANTIMONY	AA/GF	EPA 7041
ARSENIC	AA/GF	EPA 7060
BARIUM	ICAP	EPA 6010
BERYLLIUM	ICAP	EPA 6010
CADMIUM	AA/GF	EPA 7131
CHROMIUM	ICAP	EPA 6010
COBALT	ICAP	EPA 6010
COPPER	ICAP	EPA 6010
LEAD	AA/GF	EPA 7421
MERCURY	COLD VAPOR/AA	EPA 7471
MOLYBDENUM	ICAP	EPA 6010
NICKEL	ICAP	EPA 6010
SELENIUM	AA/GF	EPA 7740
SILVER	ICAP	EPA 6010
THALLIUM	AA/GF	EPA 7841
VANADIUM	ICAP	EPA 6010
ZINC	ICAP	EPA 6010
PURGEABLE HALOCARBONS	GC/HALL	EPA 8010
PURGEABLE AROMATICS	GC/PID	EPA 8020

CLIENT : GREGG & ASSOC., INC. DATE RECEIVED : 09/22/87
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1 REPORT DATE : 10/09/87
ATI I.D. : 709218

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	038-B26 2.5'	SOIL	09/18/87
02	038-B26 5'	SOIL	09/18/87
03	038-B26 10'	SOIL	09/18/87
04	038-B26 15'	SOIL	09/18/87
05	038-B26 20'	SOIL	09/18/87
06	038-B27 2.5'	SOIL	09/21/87
07	038-B27 5'	SOIL	09/21/87
08	038-B27 10'	SOIL	09/21/87
09	038-B27 15'	SOIL	09/21/87
10	038-B27 20'	SOIL	09/21/87
11	038-B28 2.5'	SOIL	09/21/87
12	038-B28 5'	SOIL	09/21/87
13	038-B28 10'	SOIL	09/21/87
14	038-B28 15'	SOIL	09/21/87
15	038-B28 20'	SOIL	09/21/87
16	038-B32 2.5'	SOIL	09/21/87
17	038-B32 5'	SOIL	09/21/87
18	038-B32 10'	SOIL	09/21/87
19	038-B32 15'	SOIL	09/21/87
20	038-B32 20'	SOIL	09/21/87
21	038-B37 2.5'	SOIL	09/21/87
22	038-B37 5'	SOIL	09/21/87
23	038-B37 10'	SOIL	09/21/87
24	038-B37 15'	SOIL	09/21/87
25	038-B37 20'	SOIL	09/21/87
26	038-B41 2.5'	SOIL	09/21/87
27	038-B41 5'	SOIL	09/21/87
28	038-B41 10'	SOIL	09/21/87
29	038-B41 15'	SOIL	09/21/87
30	038-B41 20'	SOIL	09/21/87
31	038-B42 2.5'	SOIL	09/21/87
32	038-B42 5'	SOIL	09/21/87
33	038-B42 10'	SOIL	09/21/87
34	038-B42 15'	SOIL	09/21/87
35	038-B42 20'	SOIL	09/21/87
36	038-B38 2.5'	SOIL	09/21/87
37	038-B38 5'	SOIL	09/21/87
38	038-B38 10'	SOIL	09/21/87

(CONTINUED NEXT PAGE)

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

ATI I.D. : 709218

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
39	038-B38 15'	SOIL	09/21/87
40	038-B38 20'	SOIL	09/21/87
41	038-B33 2.5'	SOIL	09/21/87
42	038-B33 5'	SOIL	09/21/87
43	038-B33 10'	SOIL	09/21/87
44	038-B33 15'	SOIL	09/21/87
45	038-B33 20'	SOIL	09/21/87
46	038-B43 2.5'	SOIL	09/21/87
47	038-B43 5'	SOIL	09/21/87
48	038-B43 10'	SOIL	09/21/87
49	038-B43 15'	SOIL	09/21/87
50	038-B43 20'	SOIL	09/21/87
51	038-B39 2.5'	SOIL	09/21/87
52	038-B39 5'	SOIL	09/21/87
53	038-B39 10'	SOIL	09/21/87
54	038-B34 2.5'	SOIL	09/22/87
55	038-B34 5'	SOIL	09/22/87
56	038-B34 10'	SOIL	09/22/87
57	038-B34 15'	SOIL	09/22/87
58	038-B34 20'	SOIL	09/22/87
59	038-B20 2.5'	SOIL	09/22/87
60	038-B20 5'	SOIL	09/22/87
61	038-B20 10'	SOIL	09/22/87
62	038-B20 15'	SOIL	09/22/87
63	038-B20 20'	SOIL	09/22/87
64	038-B39 15'	SOIL	09/21/87
65	038-B39 20'	SOIL	09/21/87
66	038-B22 2.5'	SOIL	09/22/87
67	038-B22 5'	SOIL	09/22/87
68	038-B22 10'	SOIL	09/22/87
69	038-B22 15'	SOIL	09/22/87
70	038-B22 20'	SOIL	09/22/87
71	038-B22 30'	SOIL	09/22/87
72	038-B22 40'	SOIL	09/22/87
73	COMPOSITE 66-67	SOIL	09/22/87
74	COMPOSITE 68&70	SOIL	09/22/87
75	COMPOSITE 69-70	SOIL	09/22/87
76	COMPOSITE 71-72	SOIL	09/22/87

(CONTINUED NEXT PAGE)

CLIENT : GREGG & ASSOC., INC. DATE RECEIVED : 09/22/87
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1 REPORT DATE : 10/09/87
ATI I.D. : 709218

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	76

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	01	02	03	04	05
PETROLEUM HYDROCARBONS, IR	MG/KG	<1	<1	1	1	2

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	06	07	08	09	10
PETROLEUM HYDROCARBONS, IR	MG/KG	<1	1	1	1	1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	11	12	13	14	15
PETROLEUM HYDROCARBONS, IR	MG/KG	<1	1	1	<1	4

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	16	17	18	19	20
PETROLEUM HYDROCARBONS, IR	MG/KG	1	2	<1	1	<1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	21	22	23	24	25
PETROLEUM HYDROCARBONS, IR	MG/KG	2	<1	<1	4	<1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	26	27	28	29	30
PETROLEUM HYDROCARBONS, IR	MG/KG	<1	2	5	4	6

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	31	32	33	34	35
PETROLEUM HYDROCARBONS, IR	MG/KG	1	<1	<1	<1	<1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	36	37	38	39	40
PETROLEUM HYDROCARBONS, IR	MG/KG	<1	<1	2	<1	<1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	41	42	43	44	45
PETROLEUM HYDROCARBONS, IR	MG/KG	480	<1	3	<1	<1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	46	47	48	49	50
PETROLEUM HYDROCARBONS, IR	MG/KG	1	1	<1	4	<1

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	51	52	53	54	55
PETROLEUM HYDROCARBONS, IR	MG/KG	1	1	3	4	5

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	56	57	58	59	60
PETROLEUM HYDROCARBONS, IR	MG/KG	2	2	1	1	4

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	61	62	63	64	65
PETROLEUM HYDROCARBONS, IR	MG/KG	4	4	3	3	2

GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
PETROLEUM HYDROCARBONS	MG/KG	70921801	<1	<1	0	48	51	94
PETROLEUM HYDROCARBONS	MG/KG	70921814	<1	<1	0	47	49	96
PETROLEUM HYDROCARBONS	MG/KG	70921830	6	5	18	54	51	95
PETROLEUM HYDROCARBONS	MG/KG	70921840	<1	<1	0	49	50	98
PETROLEUM HYDROCARBONS	MG/KG	70926603	530	580	9	**	**	**
PETROLEUM HYDROCARBONS	MG/KG	70927009	260	270	4	**	**	**
PETROLEUM HYDROCARBONS	MG/KG	70921858	1	<1	0	48	50	96
PETROLEUM HYDROCARBONS	MG/KG	70921865	2	3	40	48	51	89

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

** Due to the necessary dilution of the sample, result was not attainable

METALS RESULTS

ATI I.D. : 709218

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

DATE RECEIVED : 09/22/87
REPORT DATE : 10/09/87

PARAMETER	UNITS	73	74
SILVER	MG/KG	<2.5	<2.5
ARSENIC	MG/KG	1.8	1.7
BARIUM	MG/KG	37.5	47.7
BERYLLIUM	MG/KG	<0.5	<0.5
CADMIUM	MG/KG	<0.2	<0.2
COBALT	MG/KG	1.9	2.4
CHROMIUM	MG/KG	4.1	4.1
COPPER	MG/KG	7.8	12.3
MERCURY	MG/KG	<0.25	<0.25
MOLYBDENUM	MG/KG	<1.0	<1.0
NICKEL	MG/KG	2.6	5.0
LEAD	MG/KG	1.8	2.2
ANTIMONY	MG/KG	<1.0	<1.0
SELENIUM	MG/KG	<1.0	<1.0
THALLIUM	MG/KG	<1.0	<1.0
VANADIUM	MG/KG	12.3	13.4
ZINC	MG/KG	16.2	23.3

METALS - QUALITY CONTROL

CLIENT : GREGG & ASSOC., INC.
PROJECT # : (NONE)
PROJECT NAME : CALACPLANTC1

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
SILVER	MG/KG	70921874	<2.5	<2.5	0	39.5	49.1	80
ARSENIC	MG/KG	70921874	1.7	2.0	16	26.0	29.7	81
BARIUM	MG/KG	70921874	47.7	46.2	3	142.5	99.1	96
BERYLLIUM	MG/KG	70921874	<0.5	<0.5	0	92.4	99.1	93
CADMIUM	MG/KG	70921874	<0.2	<0.2	0	10.2	9.9	103
COBALT	MG/KG	70921874	2.4	2.8	15	95.5	99.1	94
CHROMIUM	MG/KG	70921874	4.1	4.2	2	50.9	49.6	94
COPPER	MG/KG	70921874	12.3	11.6	6	56.1	50.0	88
MERCURY	MG/KG	70921874	<0.25	<0.25	0	1.5	2.4	63
MOLYBDENUM	MG/KG	70921874	<1.0	<1.0	0	93.9	99.1	95
NICKEL	MG/KG	70921874	5.0	4.6	8	47.7	49.6	86
LEAD	MG/KG	70921874	2.2	2.4	9	109	99.1	108
ANTIMONY	MG/KG	70921874	<1.0	<1.0	0	12.0	29.5	41
SELENIUM	MG/KG	70921874	<1.0	<1.0	0	22.8	29.7	77
THALLIUM	MG/KG	70921874	<1.0	<1.0	0	43.9	29.7	148
VANADIUM	MG/KG	70921874	13.4	12.1	10	112	99.1	100
ZINC	MG/KG	70921874	23.3	23.8	2	65.9	49.6	85

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70921866

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/22/87
PROJECT #	: (NONE)	DATE RECEIVED	: 09/22/87
PROJECT NAME	: CALACPLANTC1	DATE EXTRACTED	: 9/28
CLIENT I.D.	: 038-B22 2.5'	DATE ANALYZED	: 10/05/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	0.017
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	0.011
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	79
TRIFLUOROTOLUENE (%)	96

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70921867

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/22/87
PROJECT #	: (NONE)	DATE RECEIVED	: 09/22/87
PROJECT NAME	: CALACPLANTC1	DATE EXTRACTED	: 9/28
CLIENT I.D.	: 038-B22 5'	DATE ANALYZED	: 10/05/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	81
TRIFLUOROTOLUENE (%)	97

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70921868

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/22/87
PROJECT #	: (NONE)	DATE RECEIVED	: 09/22/87
PROJECT NAME	: CALACPLANTC1	DATE EXTRACTED	: 9/28
CLIENT I.D.	: 038-B22 10'	DATE ANALYZED	: 10/05/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	83
TRIFLUOROTOLUENE (%)	97

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70921875

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/22/87
PROJECT #	: (NONE)	DATE RECEIVED	: 09/22/87
PROJECT NAME	: CALACPLANTC1	DATE EXTRACTED	: 9/28
CLIENT I.D.	: COMPOSITE 69-70	DATE ANALYZED	: 10/06/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	96
TRIFLUOROTOLUENE (%)	97

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 70921876

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE SAMPLED	: 09/22/87
PROJECT #	: (NONE)	DATE RECEIVED	: 09/22/87
PROJECT NAME	: CALACPLANTC1	DATE EXTRACTED	: 9/28
CLIENT I.D.	: COMPOSITE 71-72	DATE ANALYZED	: 10/06/87
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	<0.025
ORTHO & PARA XYLENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	92
TRIFLUOROTOLUENE (%)	93

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 8010/8020)

CLIENT	: GREGG & ASSOC., INC.	DATE EXTRACTED	: 09/28/87
PROJECT #	: (NONE)	DATE ANALYZED	: 10/04/87
PROJECT NAME	: CALACPLANTCl	UNITS	: MG/KG
CLIENT I.D.	: REAGENT BLANK	DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
2-CHLOROETHYLVINYLETHER	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	0.065
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.100
VINYL CHLORIDE	<0.010
META XYLENE	0.046
ORTHO & PARA XYLENE	0.042

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	82
TRIFLUOROTOLUENE (%)	96

Analytical Technologies, Inc.
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DATE 7/22/87 PAGE 1 OF 9

PROJ. MGR. ANITA
COMPANY GEGG + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY CA.

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
1	038-B26 2.5'	7/19/87		SOIL											X											1
2	038-B26 5'	"		"											X											1
3	038-B26 10'	"		"											X											1
4	038-B26 15'	"		"											X											1
5	038-B26 20'	"		"											X											1
6	038-B27 2.5'	7/21/87		"											X											1
7	038-B27 5'	"		"											X											1
8	038-B27 10'	"		"											X											1
9	038-B27 15'	"		"											X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PQ NO.	CHAIN OF CUSTODY SEALS	
	REC'D GOOD CONDITION/COLD	
SHIPPING ID. NO.	CONFORMS TO RECORD	
VIA:	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 12:00	[signature] 6:55	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 7/22/87	MARK NAVARRO 9:22	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GEGG + ASSOC	RED EXPRESS	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 4:40p	[signature] 9/22	24
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9-22	DENISE M SHEBER	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
RED EXPRESS	7/11	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

ATI LABORATORIES: SAN DIEGO (619) 458-9141 PHOENIX (602) 438-1530 DISTRIBUTION: WHITE, CANARY - ANALYTICAL TECHNOLOGIES, INC. ● PINK - ORIGINATOR

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Chain of Custody

DATE 9/21/97 PAGE 2 OF 2

PROJ. MGR. ANITA
COMPANY CH2M HILL
ADDRESS 1600 SW 4th AVENUE
FOUNTAIN VALLEY

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
0	038-B27 20'	9/21/97		Soil											X										1
1	038-B28 2.5'	"													X										1
2	038-B28 5'	"													X										1
3	038-B28 10'	"													X										1
4	038-B28 15'	"													X										1
5	038-B28 20'	"													X										1
6	038-B32 2.5'	"													X										1
7	038-B32 5'	"													X										1
8	038-B32 10'	"													X										1

PROJECT INFORMATION	SAMPLE RECEIPT	RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
PROJECT: CALAC PLANT-1	TOTAL NO. OF CONTAINERS	[signature]	[signature]	
PO NO.	CHAIN OF CUSTODY SEALS	(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	(Printed Name) 9/21/97 (Date)	(Printed Name) (Date)	(Printed Name) (Date)
VIA:	CONFORMS TO RECORD	(Company) CH2M HILL	(Company) EXPRESS	(Company)
	LAB NO.	RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
SPECIAL INSTRUCTIONS/COMMENTS:		[signature] 4:45	[signature]	
		(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
		(Printed Name) 9/21 (Date)	(Printed Name) 9/22/97 (Date)	(Printed Name)
		(Company) EXPRESS	(Company) ATI	ANALYTICAL TECHNOLOGIES, INC.

ATI LABORATORIES: SAN DIEGO (619) 458-9141 PHOENIX (602) 438-1530

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DATE 9/22/87 PAGE 3 OF 9

PROJ. MGR. ANITA
COMPANY GRAGG + ASSOC
ADDRESS 18350 MT LANGLEY
FOUNTAIN VALLEY, CA

SAMPLERS (SIGNATURE) (PHONE NO.) 714 764 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
19	038-B32 15'	9/21/87		SOIL											X											1
20	038-B32 20'	"		"											X											1
21	038-B37 2.5'														X											1
22	038-B37 5'														X											1
23	038-B37 10'														X											1
24	038-B37 15'														X											1
25	038-B37 20'														X											1
26	038-B41 2.5'														X											1
27	038-B41 5'														X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
	REC'D GOOD CONDITION/COLD	
SHIPPING ID. NO.	CONFORMS TO RECORD	
VIA:	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
11:00	655	
(Signature) JEFF MARTIN (Time) 9/22/87	(Signature) MIKE NAVARRO (Time) 9-22	(Signature) (Time)
(Printed Name) GRAGG + ASSOC (Date)	(Printed Name) RED EXPRESS (Date)	(Printed Name) (Date)
(Company)	(Company)	(Company)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3.**
4:40pm	Denise Sheik	
(Signature) MIKE NAVARRO (Time) 9-22	(Signature) DENISE SHEIK (Time) 9/22	(Signature) (Time)
(Printed Name) RED EXPRESS (Date)	(Printed Name) A/T (Date)	(Printed Name)
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

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DATE 7/22/87 PAGE 4 OF 9

PROJ. MGR. ANITA
COMPANY GRELL + ASSOC.
ADDRESS 18350 MT LANGLEY
FOUNTAIN VALLEY CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8772

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
28	038-B41 10'	9/21/87		SOIL											X											1
29	038-B41 15'														X											1
30	038-B41 20'														X											1
31	038-B42 2.5'														X											1
32	038-B42 5'														X											1
33	038-B42 10'														X											1
34	038-B42 15'														X											1
35	038-B42 20'														X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAR PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 12:00	[signature] 6:55	
(Signature) (Time) JEFF MARTIN 7/22/87	(Signature) (Time) MARK NAVARRO 9:22	(Signature) (Time)
(Printed Name) (Date) GRELL + ASSOC	(Printed Name) (Date) RED EXPRESS	(Printed Name) (Date)
(Company)	(Company)	(Company)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3.**
[signature] 4:40	[signature]	
(Signature) (Time) MARK NAVARRO 9:22	(Signature) (Time) DENISE SHEFER 9/22	(Signature) (Time)
(Printed Name) (Date) RED EXPRESS	(Printed Name) (Date)	(Printed Name)
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

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DATE 7/22/87 PAGE 5 OF 9

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
36	038-B38 2.5'	7/21/87		Soil											X											1
37	038-B38 5'														X											1
38	038-B38 10'														X											1
39	038-B38 15'														X											1
40	038-B38 20'														X											1
41	038-B33 2.5'														X											1
42	038-B33 5'														X											1
43	038-B33 10'														X											1
44	038-B33 15'														X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 12:00	[signature] 6:55	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
SEIF MARTIN 7/22/87	MARK NAVARRO 7-22	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GREGG + ASSOC	RED DI CYPRESS	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 9-22	[signature]	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9:40	DENISE SHEBEK 9/22	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
RED DI CYPRESS		
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

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DATE 9/22/87 PAGE 6 OF 9

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC INC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
45	038-B33 20'	9/21/87		SOIL											X											1
46	038-B43 2.5'														X											1
47	038-B43 5'														X											1
48	038-B43 10'														X											1
49	038-B43 15'														X											1
50	038-B43 20'														X											1
51	038-B39 2.5'														X											1
52	038-B39 5'														X											1
53	038-B39 10'														X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 12:00	[signature] 9-22	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 7/22/87	MARK NAVARRO 6:55	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GREGG + ASSOC	RED 1-EXPRESS	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 4:40	[signature]	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9-22	DENISE SHEBEK 9/22	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
RED 1 EXPRESS	ATI	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

ATI LABORATORIES: SAN DIEGO (619) 458-9141 PHOENIX (602) 428-1520 DISTRIBUTION: WHITE CANARY ANALYTICAL TECHNOLOGIES, INC. ● PINK - ORIGINATOR

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DATE 9/22/87 PAGE 8 OF 9.

PROJ. MGR. ANITA
COMPANY 62266 - ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY CA

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
4	038-B34 2.5'	9/22/87		SOIL											X											1
5	038-B34 5'														X											1
6	038-B34 10'														X											1
7	038-B34 15'														X											1
8	038-B34 20'														X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 12:00	[signature] 6:55	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 9/22/87	MARK NAVARRO 9-22	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
62266 & ASSOC	REPI-EXPRESS	
(Company)	(Company)	(Company)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 4:40	[signature]	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9-22	DENISE SIEBEK 9/22	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
REPI-EXPRESS	ATI	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

AnalyticalTechnologies, Inc.
San Diego • Phoenix • Seattle

Chain of Custody

DATE 9/22/87 PAGE 8 OF 9.

PROJ. MGR. ANITA
COMPANY GZEBL + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY CA

SAMPLERS (SIGNATURE) (PHONE NO.)
[signature] 714 964 8722

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1			PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
038-B20 2.5'	9/22/87		SOIL											X											1
038-B20 5'														X											1
038-B20 10'														X											1
038-B20 15'														X											1
038-B20 20'														X											1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

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(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 9/22/87	MARK ALVARADO 9-22	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GZEBL + ASSOC	RED-EXPRESS	
(Company)	(Company)	(Company)

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(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK ALVARADO 9-22	DENISE SHEBIK 9/22	
(Printed Name) (Date)	(Printed Name) TI (Date)	(Printed Name)
RED-EXPRESS		
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

Analytical Technologies, Inc.
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DATE 9/22/87 PAGE 9 OF 9

PROJ. MGR. ANITA
COMPANY GREGG + ASSOC
ADDRESS 18350 MT LANGLEY ST
FOUNTAIN VALLEY

SAMPLERS (SIGNATURE) [signature] (PHONE NO.) 714 964 8722

ANALYSIS REQUEST

	SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	BASE/NEU/ACID CMPDS. GC/MS/ 625/8270	VOLATILE CMPDS. GC/MS/ 624/8240	PESTICIDES/PCB 608/8080	POLYNUCLEAR AROMATIC 610/8310	PHENOLS, SUB PHENOLS 604/8040	HALOGENATED VOLATILES 601/8010	AROMATIC VOLATILES 602/8020	TOTAL ORGANIC CARBON 415/9060	TOTAL ORGANIC HALIDES 9020	PETROLEUM HYDROCARBONS 418.1	CAC METALS		PRIORITY POLLUTANT METALS (13)	CAM METALS (18) TTLC/STLC	EP TOX METALS (8)	SWDA-INORGANICS PRIMARY/SECONDARY	HAZARDOUS WASTE PROFILE				NUMBER OF CONTAINERS
.4	038-B39 15'	9/21/87		SWC											X											1
.5	038-B39 20'	"													X											1
.6	038-B22 2.5'	9/22/87									X	X				X										1
.7	038-B22 5'										X	X				X										1
.8	038-B22 10'										X	X				X										1
.9	038-B22 15'										X	X				X										1
10	038-B22 20'										X	X				X										1
71	038-B22 30'										X	X				X										1
72	038-B22 40'										X	X				X										1

PROJECT INFORMATION	SAMPLE RECEIPT	
PROJECT: CALAC PLANT C-1	TOTAL NO. OF CONTAINERS	
PO NO.	CHAIN OF CUSTODY SEALS	
SHIPPING ID. NO.	REC'D GOOD CONDITION/COLD	
VIA:	CONFORMS TO RECORD	
	LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:
COMPOSITE 038-B22 2.5' AND 5' CAC METALS
" " " 10' AND 20' CAC METALS
COMPOSITE 038-B22 15' AND 20' 8010/8020
" " " 30' AND 40' " "

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] 11:00	[signature] 6:55	
(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
JEFF MARTIN 9/22/87	MARK NAVARRO 9-22	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (Date)
GREGG + ASSOC	REDI EXPRESS	
(Company)	(Company)	(Company)

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(Signature) (Time)	(Signature) (Time)	(Signature) (Time)
MARK NAVARRO 9-22	DENISE SHEAR 9/22	
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name)
REDI EXPRESS	971	
(Company)	(Company)	ANALYTICAL TECHNOLOGIES, INC.

TEL LABORATORIES SAN DIEGO (619) 458-9141 PHOENIX (602) 438-1520 DISTRIBUTION WHITE CANARY ANALYTICAL TECHNOLOGIES, INC. • PINK ORIGINATOR

GENERAL CHEMISTRY RESULTS

ATI I.D. : 709175

CLIENT : GREGG & ASSOC., INC.
PROJECT # : CALAC PLANT C-1
PROJECT NAME : (NONE)

DATE RECEIVED : 09/17/87
REPORT DATE : 10/08/87

PARAMETER	UNITS	16	17	18	19	20
PETROLEUM HYDROCARBONS, IR	MG/KG	2	4	4	2	2

Attachment 3 for Lockheed Response to Item 3.

EPA Request for Information

Plant C-1 and Bldg. 528

McLaren Environmental Engineering

November 3, 1988

Mr. Fred Reed
Lockheed Corporation
4500 Park Granada Boulevard
Calabasas, California 91399-0330

Dear Mr. Reed:

DRAFT ENVIRONMENTAL ASSESSMENT FOR LOCKHEED AERONAUTICAL SYSTEMS, PLANT C-1, BURBANK, CALIFORNIA

Attached is the initial portion of the draft environmental assessment report for Lockheed Aeronautical System's Plant C-1 Facility at 10780 Sherman Way, Burbank, California. The report presents our assessment of the site based on a site survey, employee and regulatory staff interviews, and review of city, county, and state agency files. The assessment identified potential areas of chemical occurrence for which we recommend soil sampling along with an asbestos survey and additional review of regulatory agency files. Recommendations for the work program are presented below.

The work plan assumes that all chemicals to be investigated originated on site. The neighborhood surrounding the Lockheed facility is residential to the north with the remainder being typical aircraft manufacturing and maintenance facilities to the east, west and south. Chemicals identified on site include solvents, fuel hydrocarbons, machining oils, PCB's, and asbestos. Our program does not recommend sampling for other pollutants because only solvents, fuel hydrocarbons, and machining oils were identified in significant quantities requiring further investigation. The PCB sampling is recommended to verify cleanup that was done in the last three years. The recommended work program is designed to investigate potential sources of chemicals without interrupting the ongoing work at the facility. Additional investigations may be required inside buildings, such as concrete coring, soil sampling, and well drilling, to investigate sources identified during this recommended work program. Any work that would required disruption of the ongoing operations could be completed after the property is vacated by Lockheed.

We recommend additional work for the areas of environmental concern that are listed below:

- Regulatory agency file review
- Asbestos
- Oil storage area
- PCB's at one transformer

☑ Sacramento — 11101 White Rock Road, Rancho Cordova, CA 95670 (916) 638-3696
☐ Los Angeles — 12555 West Jefferson Boulevard, Suite 216, Los Angeles, CA 90066 (213) 823-2313

- Oil stained soil
- Leach fields
- Sumps
- Utility trenches
- Vault boxes in Building 41
- Clarifiers

The recommended work for each is described below and is shown on the attached figure.

Regulatory Agency File Review

Regulatory agencies, including the California Department of Health Services, the California Regional Water Quality, and the South Coast Air Quality Management District, have boxes of reports and correspondence on the four Lockheed facilities in the Burbank Airport area. All of the material should be reviewed to identify material pertinent to the Plant C-1 site. Any significant information relating to sources of chemicals to ground that may be discovered during the review should be included into the soil sampling program.

Asbestos

Ceiling tiles and floor tiles of the age and type to potentially contain asbestos were observed in Buildings 42, 43, and 44. The use of asbestos in floor and ceiling tiles prior to 1980 has been well documented. To evaluate the potential for the materials in the buildings to contain asbestos, a comprehensive asbestos survey should be conducted.

Oil Storage Area

The oil storage area has been used historically for the storage of new and waste oil and coolant oil stains and small puddles of oil were observed in the oil storage area. The asphalt in this area was weathered and cracked. Two hand auger borings are recommended at the locations of the most significant cracks in the asphalt to investigate the presence of oil in the soil. Soil samples should be collected from each boring at depths of approximately one, five, and ten feet. The soil samples should be analyzed using EPA Methods 418.1 and 8240 to address petroleum hydrocarbons and volatile organic compounds (VOCs), respectively.

PCB's

An electrical transformer on the eastern side of Building 35, reportedly leaked PCB's approximately two to three years ago. The soil contaminated by the spill was excavated. However, stains were noted on the concrete foundation below the transformer during the site inspection and a tag on the transformer indicates that it still contains PCB's. Two hand auger borings are therefore recommended near the transformer because of the potential for residue PCB contaminated soil to be present. Soil samples should be collected at depths of approximately one and four feet and analyzed by EPA Method 8080.

Leach Fields

The potential exists for petroleum hydrocarbons and VOCs to have been discharged into the leach field. The four manhole lids that access the leach field should be removed and sludge samples should be collected at those locations. The manhole access will be inspected to determine the location of the leach fields. If the leach field area can be identified four samples will be collected using a hand auger at a depth of about 5 and 10 feet. The samples should be analyzed using the EPA Methods 418.1 and 8240.

Oil Stained Soil

Significant oil stains were observed in the soil along the northwestern edge of Building 35 resulting form operations inside the building. Three hand auger borings are recommended in the vicinity of the oil stains. Composite samples from depths of one, five, and ten feet should be analyzed from the borings using EPA Methods 418.1 and 8240.

Sumps

During the site inspection, concrete sumps were identified southeast of Building 49, and south of Buildings 53 and 53B. The two sumps outside Building 49 are welded shut with steel lids. These lids should be removed and the sump should be inspected. If the inspection of the sump indicates that there is a potential for chemicals to have been released to soil, the bottom of the sump should be cut and soil samples should be collected at depths of one, five, and ten feet below the bottom of the sump. The soil samples should be analyzed using EPA Methods 418.1 and 8240.

Based upon the site inspection, the potential exists for chemicals discharged to the sumps at Building 53 and 53B to have been released to soil. Therefore, the bottom of each sump should be cored and soil samples should be collected beneath each sump at depths of one, five, and ten feet. The soil samples will be analyzed using EPA Methods 418.1 and 8240. Once the soil samples have been collected at each of the sumps, the borings will be backfilled with clean material and the concrete bottom of the sumps will be patched.

Utility Trenches

The utility trenches in Building 35, 40, and 41 (that reportedly extend to bare soil) may have resulted in chemicals being released to soil. To evaluate the potential for the trenches to be sources of chemicals, the plates overlying the trenches should be removed and the trenches should be inspected to identify suspect areas. The inspection would include surveying the trenches with a photoionization meter to determine if significant organic vapors are present. The inspection of the trenches could be performed at night or on the weekend to minimize the impact on operations at the Lockheed facility.

Vault Boxes

During the site inspection, 90 floor vault boxes were identified inside Building 41. The potential exists that operations inside Building 41 may have resulted in chemicals leaking into the vault boxes and then into the soil. It is recommended that the lid to each vault box be removed and all vaults be inspected to evaluate their condition. The inspection would also include surveying with a photoionization meter to determine if organic vapors are present. The lids to the vault boxes would be replaced after the inspection.

Clarifiers

During the site inspection, clarifiers were observed inside and on the west and east end of Building 50. The clarifiers are made of concrete and may be potential sources of chemicals to soils. Two hand auger borings are proposed in each clarifier, one in the northwest corner and the other in the southwest corner. Prior to sampling with the hand auger, concrete cores will be cut through the bottom of the clarifiers. Soil samples will be collected from each boring at depths of four, six, and nine feet. The samples will be analyzed using EPA Methods 418.1 and 8240. After the samples have been collected, the borings will be backfilled with clean material and the bottom of the clarifier will be patched with concrete.

This work plan was based on information obtained from our field inspections with Lockheed personnel. McLaren assumes that the information disclosed by these people is correct.

If you have any questions, or comments on this draft report, please call me or Steve Carlton.

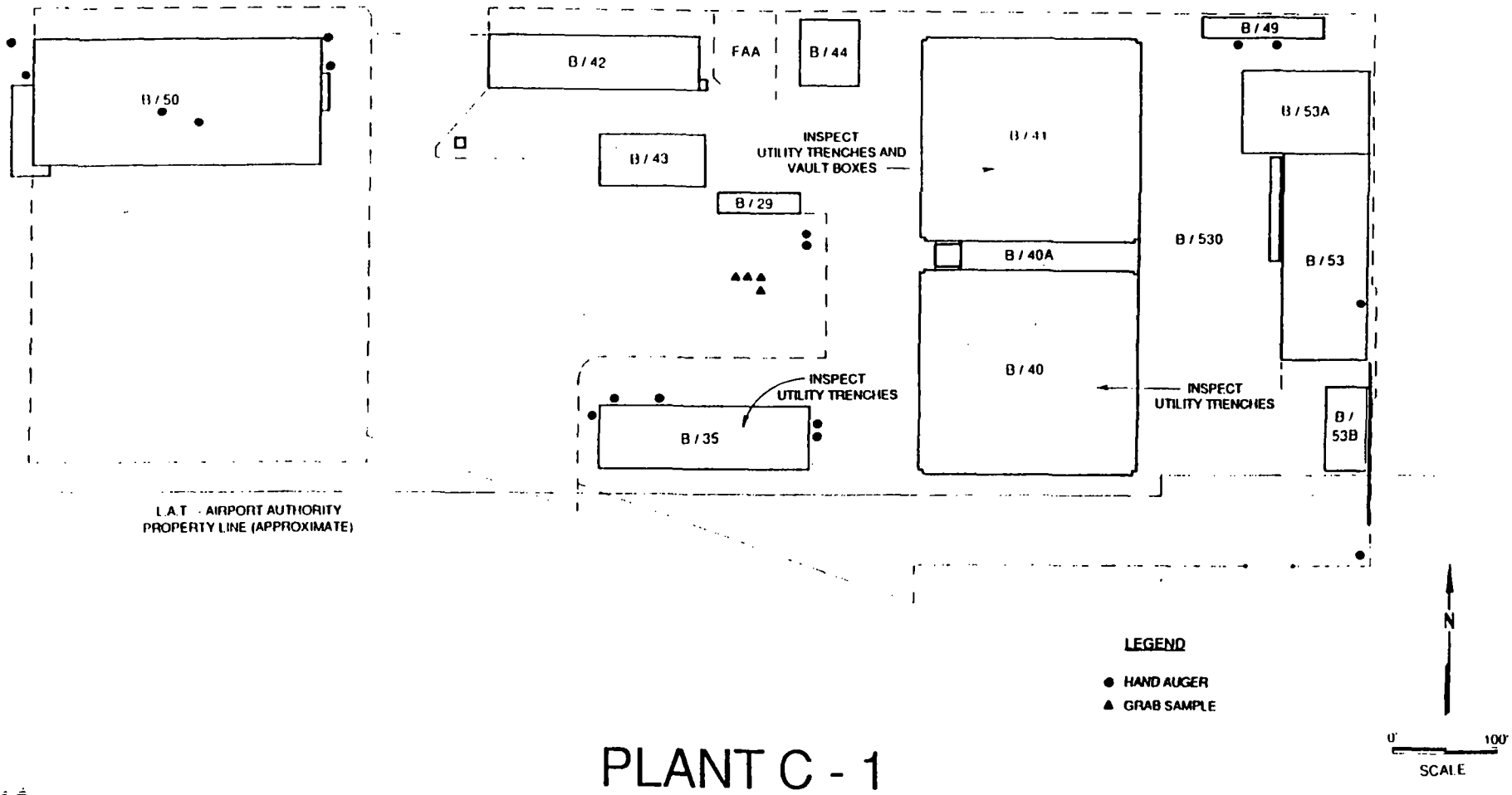
Very truly yours,

Gary B. Taggart, C.E.G.
Principal Hydrogeologist

:ttw

Enclosures

LOCKHEED BURB
PLANT C 1
PROPOSED SAMPLE LOCATIONS



PLANT C - 1

McLaren Environmental Engineering

DRAFT ENVIRONMENTAL ASSESSMENT
LOCKHEED AERONAUTICAL SYSTEM
PLANT C1
BURBANK, CALIFORNIA

INTRODUCTION

On August 25, 1988, McLaren Environmental Engineering conducted a site survey of the Lockheed Plant C-1 facility. The field survey was completed as part of a comprehensive environmental assessment per the request of Mr. Fred Reed of Lockheed. The assessment was conducted with the assistance of several Lockheed Environmental Management Division personnel including Mr. Richard Allison. In addition to an on-site inspection, review of aerial photographs and review of regulatory files on the C-1 site and surrounding businesses were performed to describe historical and current land use practices and characterize facility operations at Plant C-1. The objective of the environmental assessment is to identify potential on site sources of environmental concern that have in the past or are currently discharging to soil underlying the site. This report summarizes the observations noted during the site survey along with results of reviewing regulatory agency data and aerial photographs. The report has been subdivided into the following sections:

1. Site Description
2. Aerial Photograph Review
3. Site Inspection
4. Regulatory Agency File Review

The site inspection section is further subdivided into separate buildings and designated areas throughout the facility.

SITE DESCRIPTION

The Plant C-1 site is located at 10720 Sherman Way in the City of Burbank. The property is bounded by Sherman Way to the north, the Hollywood Burbank Airport to the east and south and Vinelane Avenue to the west, as is shown on Figure 1. The facility consists of metal machine shops, office space, warehouses, a cafeteria, and a hazardous materials and waste materials storage area. Outside of the building envelopes, approximately 90 percent of the site is paved with asphalt, with the remaining 10 percent bare soil. The property was developed in the early 1940's for aircraft research, manufacturing and maintenance operations. The 13 buildings within Plant C-1 are primarily metal frame with reinforced concrete foundation. The locations of the buildings are shown on Figure 2.

FIGURE 1
LOCKHEED BURBANK
LOCATION MAP OF
PLANT C-1 AND
SURROUNDING AREA

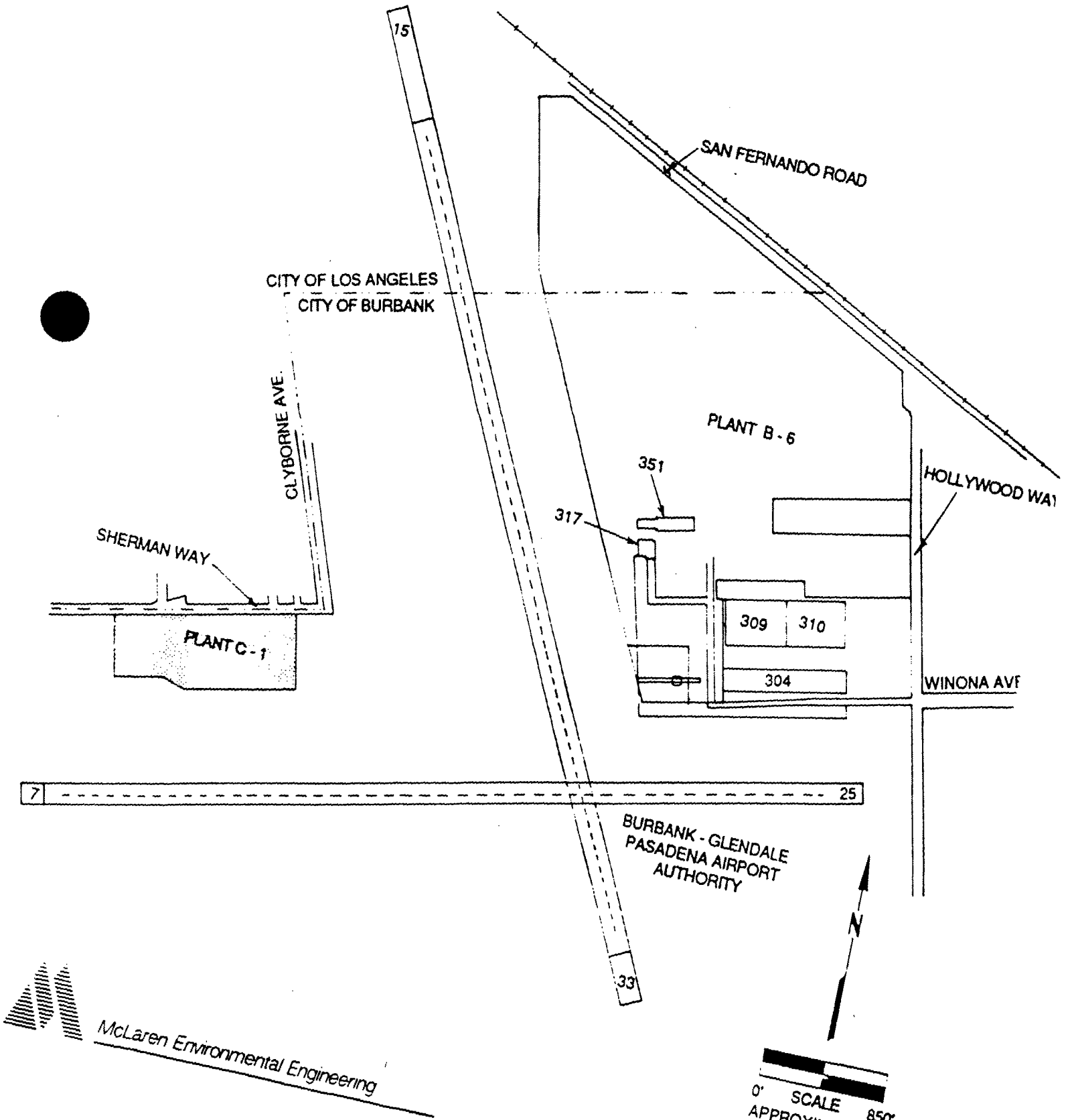
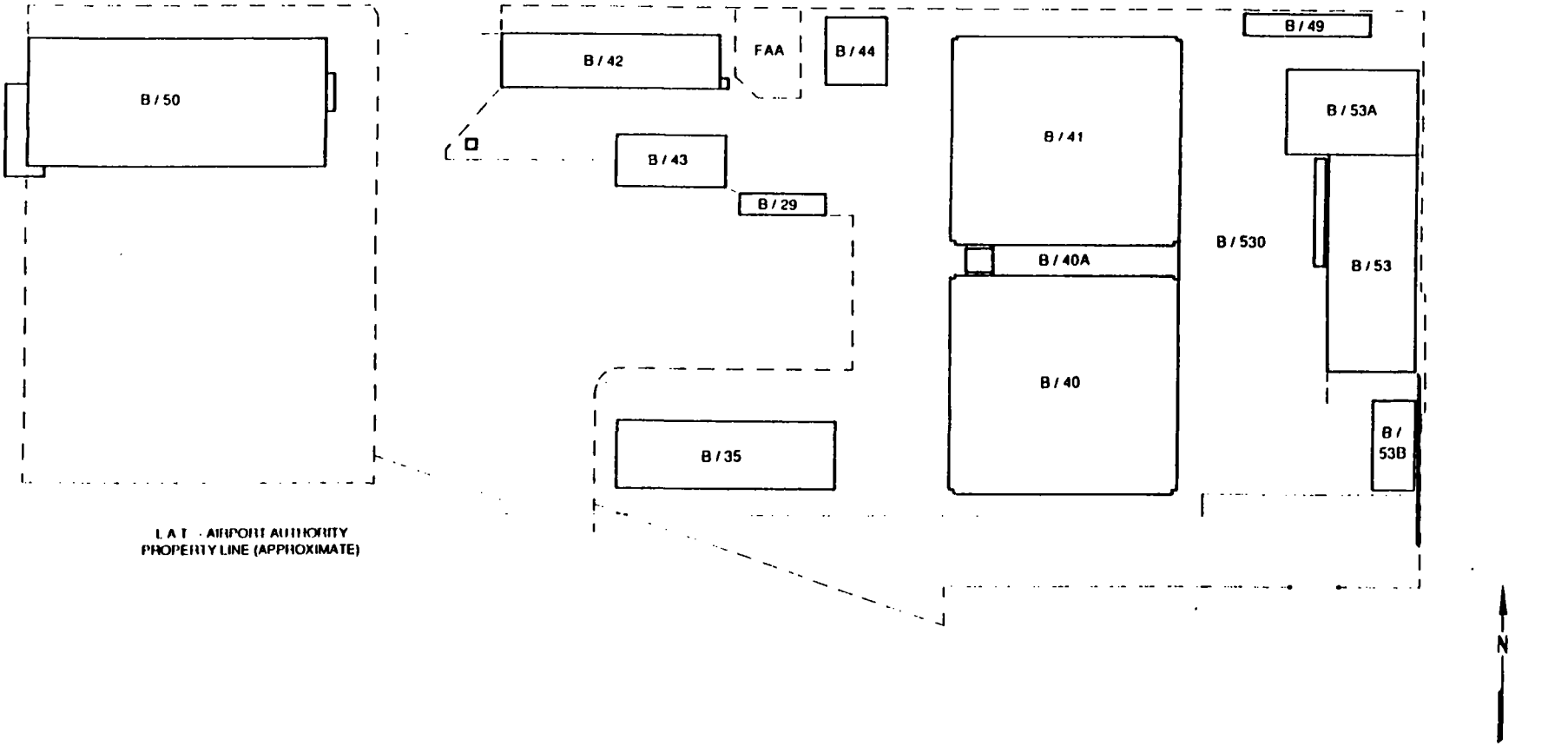


FIGURE
LOCKHEED BURBANK
LOCATION MAP
FOR PLANT C-1



PLANT C - 1

McLaren Environmental Engineering

The site is underlain by alluvial deposits that consist of interbedded gravel, sand, silt, and clay. Based on 1988 soils investigation conducted at the hazardous materials storage area, the alluvial deposits are at least 550 feet thick and can be characterized by alternating unconsolidated and semi-consolidated gravelly sand, silty sand, clayey sand, and sandy clay deposits with intermittent cobbles.

The depth to ground water in Well C-1-MW1, located about 40 feet south of the hazardous materials storage area, was 220 feet (507 feet above msl) on October 28, 1987.

AERIAL PHOTOGRAPH REVIEW

Aerial photographs taken in 1937, 1941, 1952, 1954 and 1964 were obtained from Lockheed Engineering and Management Services Company, Inc. In addition, aerial photographs taken in 1928, 1938, 1940, 1945, and 1948 were reviewed at the Whittier College Fairchild Aerial Photography Library. The objectives of the aerial photograph review were to provide a history of land use practices and to identify past potential source areas of environmental concern at the site. Review of photographs noted the following: discoloration of paved surfaces, areas of standing liquid, and storage/loading areas which may have contained storage tanks and/or drums.

In 1928, Plant C-1 was vacant land which bordered Sherman Way. The absence of distinct, linear rows of crops indicates that Plant C-1 was not being used to grow crops during 1928. Much of the surrounding land, however, was in agricultural use. The Union-Burbank Airport had not been built in 1928.

From 1937 to 1941, Plant C-1 contained developed areas surrounded by vacant land which appeared to have been used for agricultural purposes. The eastern developed area was a barn for cattle. The western buildings appeared to have been a farm house and associated out buildings. In the 1941 photograph, distinct linear, parallel rows of crops are present on both sides of the barn. A cattle feed lot was located on the southeastern portion of Plant C-1 from 1937 to 1941. The cattle feed lot contained troughs for food and/or water. In the 1941 photograph, approximately 150-200 cattle were observed. In the 1937 and 1941 photographs, fenced-in areas were observed that extended from the cattle feed lot to the two buildings.

By 1945, Plant C-1 was no longer a cattle feed lot. The property consisted of vacant land, which was transected by an access road trending southwest to northeast through the southeastern corner of the Plant C-1 site.

By 1948, Plant C-1 was an airplane hangar/service area. The 1948 and 1952 aerial photographs indicate that the west portion of C-1 contained two hangars (Buildings 40, 40A,and 41) bordered by a paved airplane parking area to the east. Building 42 was also observed. The paved area was

discolored in patches although no planes were parked in the area. The land near present day Building 50 was vacant and there was no evidence of on-going agricultural use.

The 1954 aerial photograph indicates that significant construction had occurred over a two year period at Plant C-1. Buildings 43 and 44 were added along with Building 50 to the west. Building 50 was constructed on property that was vacant in 1952. Building 50 had a paved access road to runway 7. The emergency generator house on FAA property between Buildings 42 and 43 was also added. The hangar/airplane parking area to the east of C-1 had extensive surficial discoloration, noted especially in the vicinity of the parked planes. In addition, the taxiway to Runway 7 appeared to have standing liquid which was also reported in a 1986 study by Lockheed. The hangar/airplane parking area to the northeast of Plant C-1 and parallel to Clybourn Avenue also had extensive discoloration, as suggested in the 1986 Lockheed report. The 1954 aerial photograph indicates that the three hangars in the vicinity of Plant C-1 were servicing over thirty airplanes. The tail of an airplane was observed protruding out of the west end of Building 40.

The 1964 aerial photograph shows the addition of Buildings 29, 49 and 53. Building 53 obstructed the access road from Buildings 40 and 41 to runway 7 and it appears that airplanes were no longer serviced in these two hangers. Building 50 still had runway access and at least four airplanes were parked in the vicinity of Building 50. In addition to the buildings, two other features were evident. First, surface discoloration (approximately 50- to 75-feet in diameter) observed along the southern boundary of the western Plant C-1. The second, surface discoloration (approximately 150 feet long and 50 feet wide) located in the airplane parking area in the vicinity of the hangars in western Plant C-1. Both of these features were noted in the 1986 Lockheed report.

SITE INSPECTION

On August 25, 1988, Mclaren and Lockheed Representative, Mr. Dick Allison, conducted a site inspection of Plant C-1. Mr. Allison provided plot plans along with pertinent information concerning facility operations. The site consists of 13 buildings and a Hazardous Waste/Metal Salvage Storage area. Results of the site survey are described below for each building or specified area within Plant C-1.

Building 42

Building 42 is a single story office structure approximately 10,600 square feet in size. The building is a corrugated metal structure with a reinforced concrete base. A suspended drop ceiling, composed of 2-foot by 4-foot acoustical tiles was noted inside the building. These tiles were added during remodeling in the 1960's. Areas of water damage to the drop ceiling tiles were observed at several locations in the building. Above the drop ceiling is a second tile ceiling consisting of 12-inch by 12-inch tongue and grove acoustical tile that are directly glued to the metal roof.

Approximately 30 percent of the office space is covered with 9-inch by 9-inch green swirl tile that appears to be part of the original construction.

The outer roofing shell was treated approximately three years ago with a spray-on protective coating. The roof treatment contains no asbestos according to Mr. Allison.

Four heating/air conditioning units, along with a non-operating air vent, were noted on the roof of Building 42. The heating/air conditioning units were of the age and type that may contain asbestos in the heat diffuser plates and insulation.

Two air cooled electrical transformers are located in a small utility room at the building's southeast corner (Figure 3). The transformers at Plant C-1 were inspected and sampled within the last three years. Only the transformer near Building 35 contained polychlorinated biphenols (PCB's).

Building 43

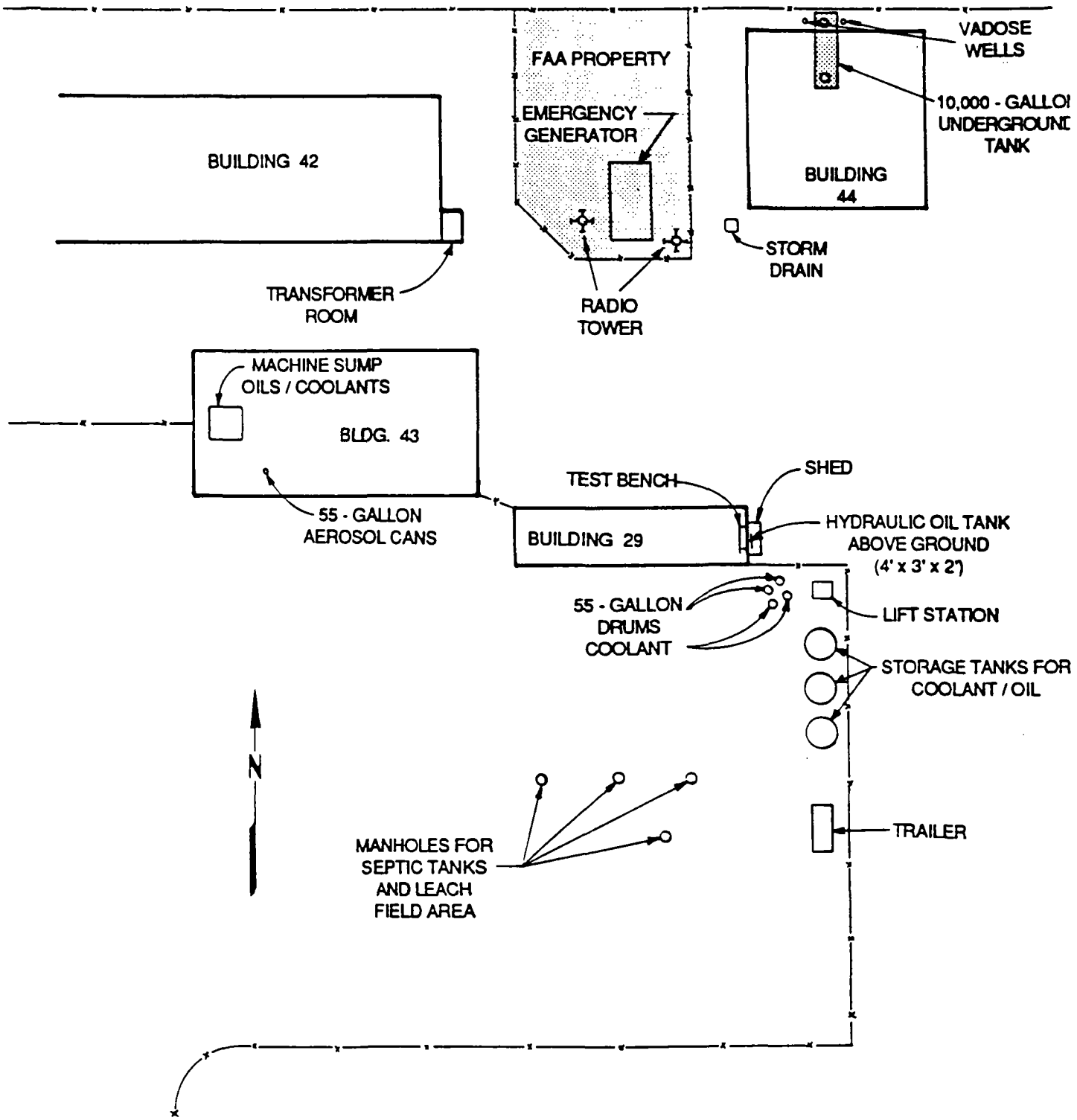
Building 43, shown on Figure 3, is an approximately 5,000 square foot metal structure with a corrugated metal roof and a reinforced concrete floor. The four interior walls are covered with insulation that consists of a white fabric outer cover with a fibrous internal structure. Several areas were observed where the outer covering was damaged and the fiber insulation exposed.

Operations in Building 43 consist of metal finishing and tooling repair. Two flammable chemical storage cabinets are located along the building's east wall. Chemicals stored in the cabinets that are of concern include:

- Dykem remover,
- Wedac pennetone cleaner,
- Spray paint cans,
- Lubricant oils, and
- Water soluble hydraulic oils and coolants.

A large tooling machine with associated floor sump is located along the west wall. The sump, according to Mr. Allison, collects excess oils and machine coolants and separate the fluids. The sump is reportedly pumped once a week and the oil is taken to a storage and recycling station southeast of Building 43. The sump was constructed after the slab floor. The slab was cut out in a 24 by 48 inch rectangle and the approximately 2-1/2 foot deep concrete sump was poured in place. The sump reportedly is not lined.

FIGURE 3
LOCKHEED BURBANK
PLANT C-1
DETAIL MAP OF
BUILDINGS 29,42, 43, AND 44
AND SURROUNDING AREA



A 35-gallon drum containing empty aerosol cans was observed in the southwest part of Building 43. According to Mr. Allison, all machine cleaning solvents are applied by hand with a cloth rag and then are disposed of as hazardous waste in a designated waste disposal area.

Building 29

Building 29, shown on Figure 3, is a 1,600 square foot structure with a corrugated metal roof and a reinforced concrete floor. The building is currently used to store and test equipment parts. A flammable liquid storage cabinet is located in the southwest portion of the building along the south wall, and contained paint and janitorial cleaning supplies when observed during the site inspection. A small hydraulic test bench, located at the southwest corner of the building, is used to test the seals on equipment (i.e., fork lifts, vehicles, etc.). The testing machine is supplied with hydraulic fluid from an above ground 250-gallon storage tank that is located outside Building 29. Although traces of fluid were found on the testing bench, the area surrounding the machine and storage tank appeared clean with no apparent stains or spills.

Oil Storage Area and Vicinity

An area of about 18,000 square feet, south of Building 29, is an asphalt paved lot that includes an oil storage area, a chemical storage area, a septic system including leach field, and a number of sewage pumps. This area is shown on Figure 3.

The oil storage area consists of a trailer and three 2,000-gallon polyurethane aboveground tanks. Collection sumps in the Plant C-1 area that contain hydraulic oil and cutting oil coolant are periodically emptied by small vacuum pumps that are either hand held or mounted on small electric powered vehicles. The mixed hydraulic oil and coolant are separated at the oil recycling area west of Building 53. The oil that can not be reused is stored in a 10,000-gallon tank at Building 44. The oil that can be reused is stored in one of the 2,000-gallon polyurethane tanks. The waste coolant is stored in the second 2,000-gallon tank and new coolant is stored in the third 2,000-gallon tank. Oil stains and small puddles of oil were observed in the oil storage area. The asphalt in the oil storage area was weathered and cracked.

The septic tank and associated leach field dated from the 1960's and are now out of service because the facility is connected to a sanitary sewer. The septic tank and leach field are accessed by four manholes that are covered with steel lids. According to Mr. Allison, the exact location and design of the leach field is not known. The leach field was reportedly used for discharge of all liquids from bathrooms and sinks at Plant C-1. Although not reported, the possibility exists that industrial products, such as solvent and oils, may have been disposed of in the sinks, eventually ending up in the leach field.

Four 55-gallon drums of coolant and the sanitary sewer lift station pumps were observed in the northeast corner of the lot, about 25 feet from the southeast corner of Building 29.

Building 44

Building 44, shown on Figure 3, is a 3,000-square foot structure with a corrugated steel shell and a reinforced concrete floor. The south half of the building is used as a lunch room. The north half of the building is used to service electronic parts from machinery at the plant. A suspended acoustical drop ceiling, composed of 2 by 4 foot tiles was noted inside the building. Areas of water damage were noted during inspection of the ceiling tiles. The south half of the lunch room contains red floor tile that appears to be part of the original construction.

A 10,000-gallon underground waste oil tank is partially located beneath the building. The tank extends about 12 feet underneath the north part of the building and about 9 feet beneath the asphalt north of Building 44. One fill pipe for the tank is located inside the building and a second fill pipe is located outside. Oily residue and stains on the asphalt extend 15 feet east and west of the tank outside the building. According to Mr. Allison, the tank was originally used to store fuel for a diesel generator in Building 44. The tank was converted to store waste oils drained from sumps at the C-1 site. The product delivery lines have been removed. The tank has not been integrity tested. Greg & Associates installed two 12 foot deep vadose zone monitoring wells in the native soils east and west of the tank. Samples of the native soils were obtained during drilling at depths of 5, 10 and 15 feet in the east well and at 15 feet in the west well. The east well samples were composited and both the east well and west well samples were analyzed for total petroleum hydrocarbons (TPH). No TPH was detected in either sample.

Building 41

Building 41 is a 45,000 square foot structure that is utilized for aircraft metal cutting, forming, and deburring operations. The building has a semi-circular shaped roof. The arch beams that support the corrugated sheet metal roof and sides are held in compression by steel cables buried below the finished floor. The cable steel and arch beam construction required special considerations while constructing the concrete foundation. North-south trenches were dug for the 12 support cables used to keep the arch beams in compression. The 12 cables were laid and attached to each end of the 12 arch beams. The cables were cemented in place and the area was graded flat. The floor of the building was laid in three sections with utility trenches in between the segments. The utility trenches extend to bare soil. The utility trenches include conduits for air, water, and electricity. The three sections were constructed with 90 access vaults at 18-foot intervals along 10 of the cable lines. According to Mr. Allison, the vaults are open to bare soil.

There are about 75 metal milling machines in Building 41. These machines use lubricating and hydraulic oils, and coolants. In addition, solvents are used to clean finished products prior to painting. Machining activities generate excess oils, coolants, and metal scrap that accumulate around each machine. Several machines incorporate an internal waste reservoir to contain excess oils and coolants. Six machines have below grade unlined concrete sumps to collect waste fluids. The locations and

dimensions of sumps within Building 41 are shown on Figure 4. According to Mr. Allison, the sumps are pumped out on a weekly or as needed basis. Fluid spills on the building floor are controlled with cloth tubes filled with absorbent material or by periodically applying dry sweep to the oil.

Up to 12 inches of oil and metal scraps were observed around a few of the milling machines. Metal scraps are picked up and sorted in a hazardous waste bin located at the Hazardous Materials and Metal Storage Area.

A deburring machine, with an associated sump is located in the southwestern section of the building. The sump contains washwater, detergent (Vibra Finish), and polishing rocks. A 55-gallon drum used for disposal of aerosol can was present in the same vicinity as the deburring machine.

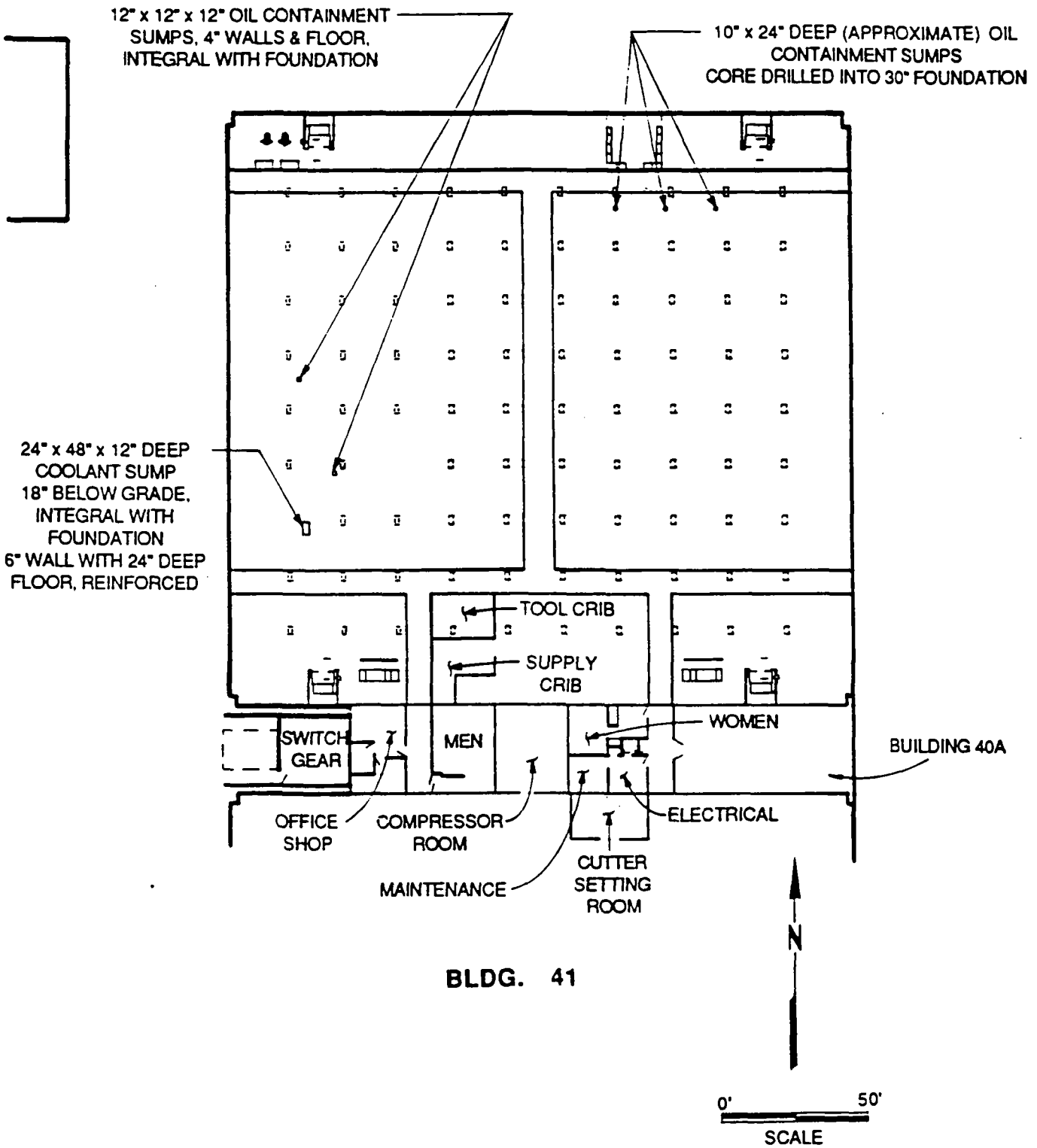
Building 40A

Building 40A is a 5,100 square foot structure between Buildings 41 and 40. The structure has a corrugated metal shell and a reinforced concrete floor. A 625 square foot electrical transformer room containing two air cooled transformers, is located on the west side of the building. Next to the transformer room is office space with attached bathrooms. A compressor room containing a small sump and a 55-gallon drum of motor oil is east of the bathrooms on the north wall of the building. A small sewer lift station sump is present outside the compressor room. The east end of the building is used as a grinding room. Several air cooled electrical transformers were also noted just outside the compressor room.

Building 40

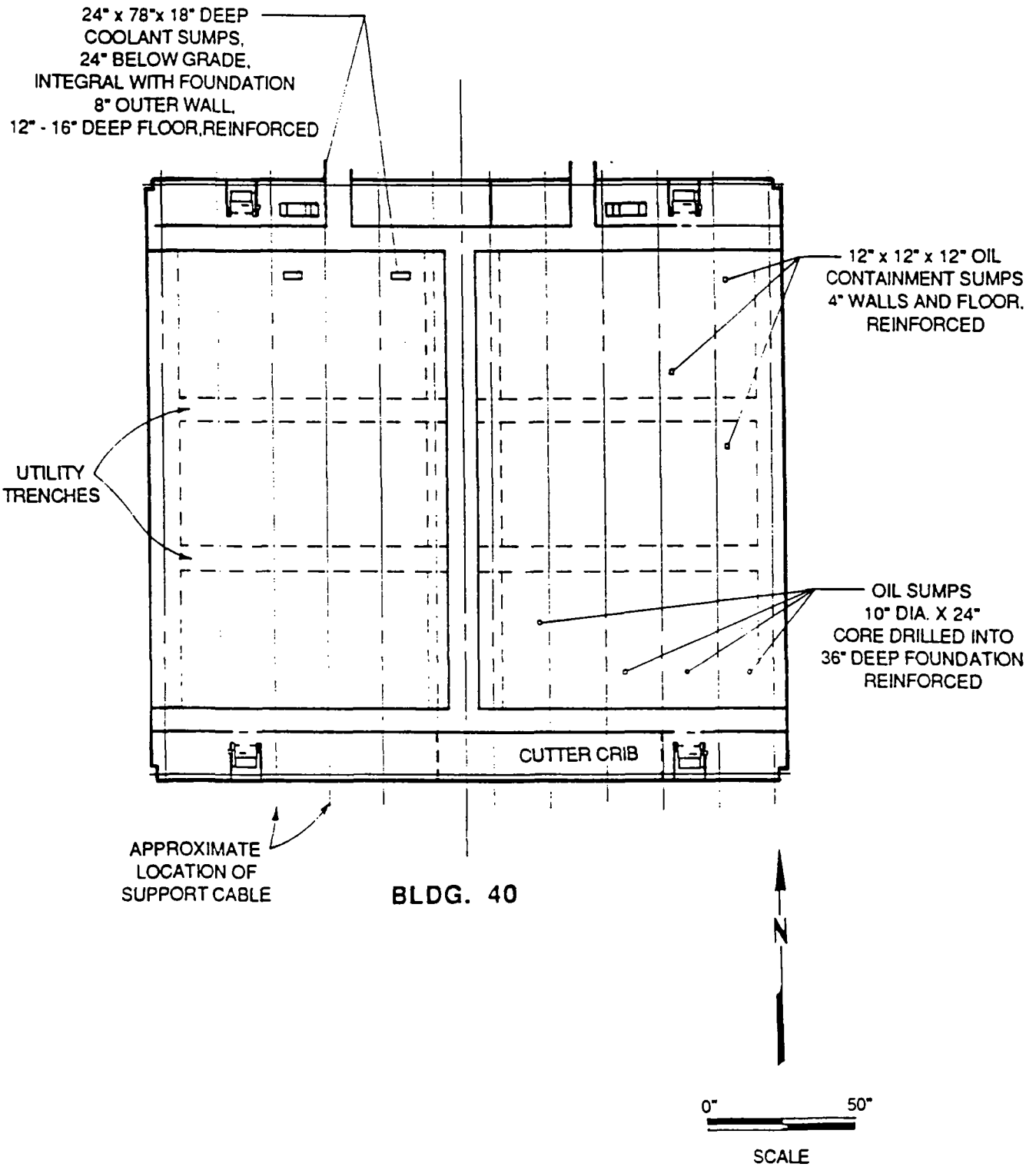
Building 40, shown on Figure 5, is a 45,000 square foot structure that adjoins Building 40A. Building 40 was constructed using the same buried cabled and support beam system as Building 41, although there are no vault boxes in the concrete floor at Building 40. The building is used to manufacture and modify aircraft parts and contains several metal tooling machines. There are about 25 milling machines in Building 40. Similar to the machines in Building 41, the milling machines use lubricating and hydraulic oils, and coolant. Disposal and recycling of the oils and coolant are handled the same way as the fluids from Building 40. Several machines incorporate an internal reservoir to contain excess oils and coolant. Nine machines have below grade unlined concrete sumps or dry well sumps to collect waste fluids. The location and dimensions of the sumps within Building 40 are shown on Figure 5. Significant amounts of oil generated from the milling machines were observed. Piles of metal scrapings were also observed throughout the building. Four dry wells, extending approximately two feet below the concrete floor, were present in the southeast corner of the building. One well appeared full of oil and a second was being pumped at the time.

FIGURE 4
LOCKHEED BURBANK
PLANT C-1
BUILDING 41



BLDG. 41

FIGURE 5
LOCKHEED BURBANK
PLANT C-1
BUILDING 40



Building 35

Building 35 is a 12,500 square foot structure with a corrugated steel shell and a six-inch thick, steel reinforced concrete floor. A two foot deep, gravel lined utility trench runs east-west along the north side of the building as shown on Figure 6. The trench extends through the concrete floor to the underlying soil. Three tooling machines are present within Building 35. There are 24-inch deep sumps located by each machine. A 20 foot diameter oil stain was observed around the western most tooling machine. The stain extends from the machine source for over 50 feet along the concrete foundation and the outside wall of the building.

A flammable liquid storage cabinet is present at the middle of the north wall of the building. The flammable storage cabinet contained a can of methyl ethyl ketone. Two drums of hydraulic oil and a 55-gallon drum of waste oil were also noted within the building.

Outside the eastern side of Building 35, an electrical transformer is present with a tag that indicates the transformer contains PCBs. Mr. Allison indicated that a PCB leak occurred at the transformer two to three years ago. He stated that the spill area was excavated and the contaminated soil removed. Stains were, however, noted on the concrete foundation below the transformer.

Hazardous Materials and Metals Storage Area

Lockheed is storing new product including oils and cleaning solvents; metal scrap; and various hazardous materials under a semi-enclosed storage shed. The storage shed is located south of Building 53 and is shown on Figure 7. The shed has a corrugated metal shell, a concrete base, and is partitioned to segregate hazardous materials. The southern portion contains metal scraps, oily rags, and dry sweep in 20 and 40 yard waste bins. The northern portion is used to store 55-gallon drums of various oils and liquids. Materials noted in these areas include, but are not limited to the following:

Waste Storage	Drum Storage
Titanium	Brayco 300 lube oil
Magnesium	Lacquer thinner
Aluminum	Kerosene
Brass	Machine tool cleaner
Beryllium copper	Acid etch cleaner
Steel	Ammonia
Hazardous Waste (oily and solvent rags)	Routing oils A (Unocal)
	Stoddard solvent Type I, II, III
Absorbent socks and oil dry sweep	Unocal way oil - HD220, HD68
	Rust lick 631
	Zyglo pentrex

FIGURE 6
LOCKHEED BURBANK
PLANT C-1
BUILDING 35

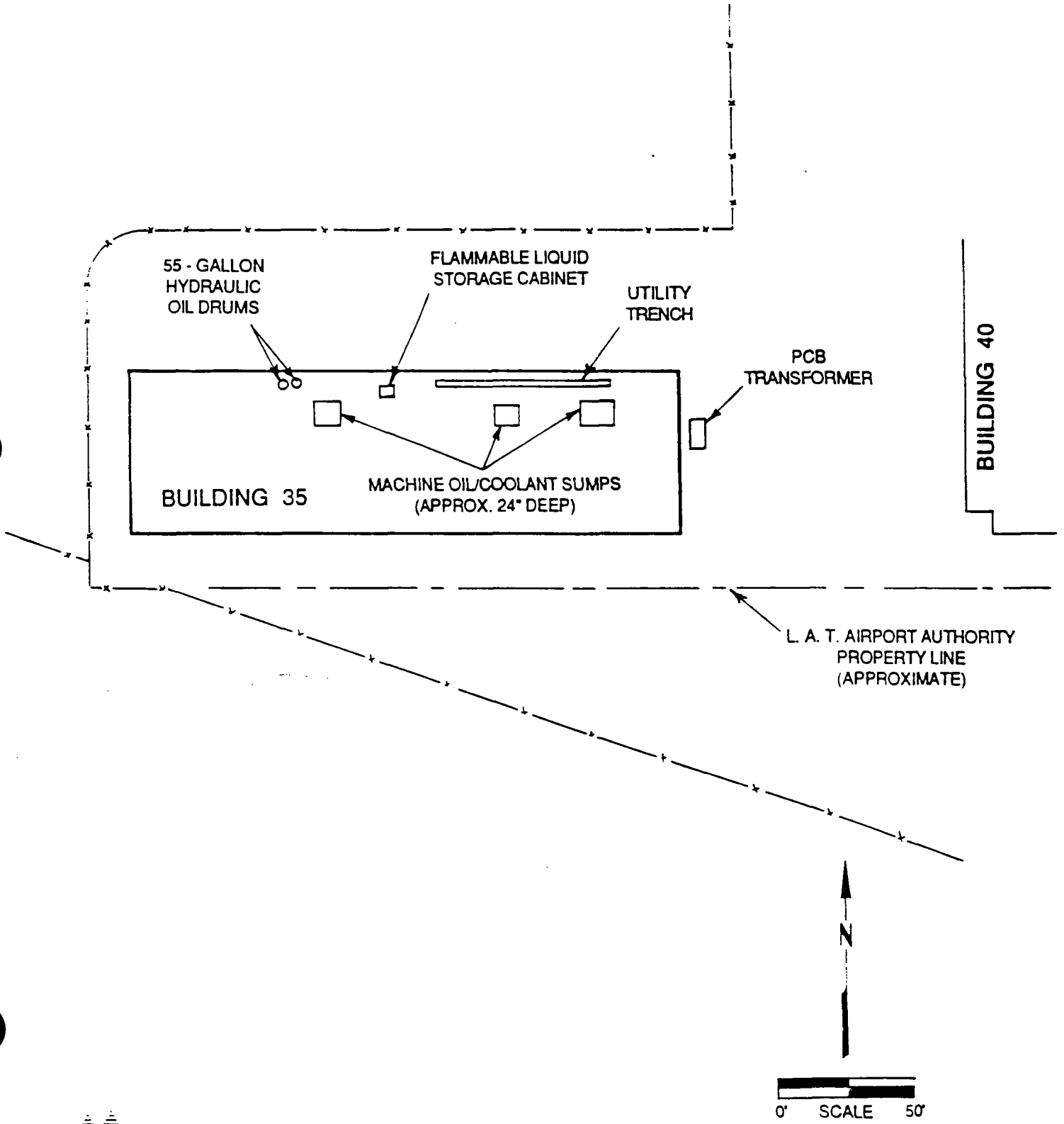
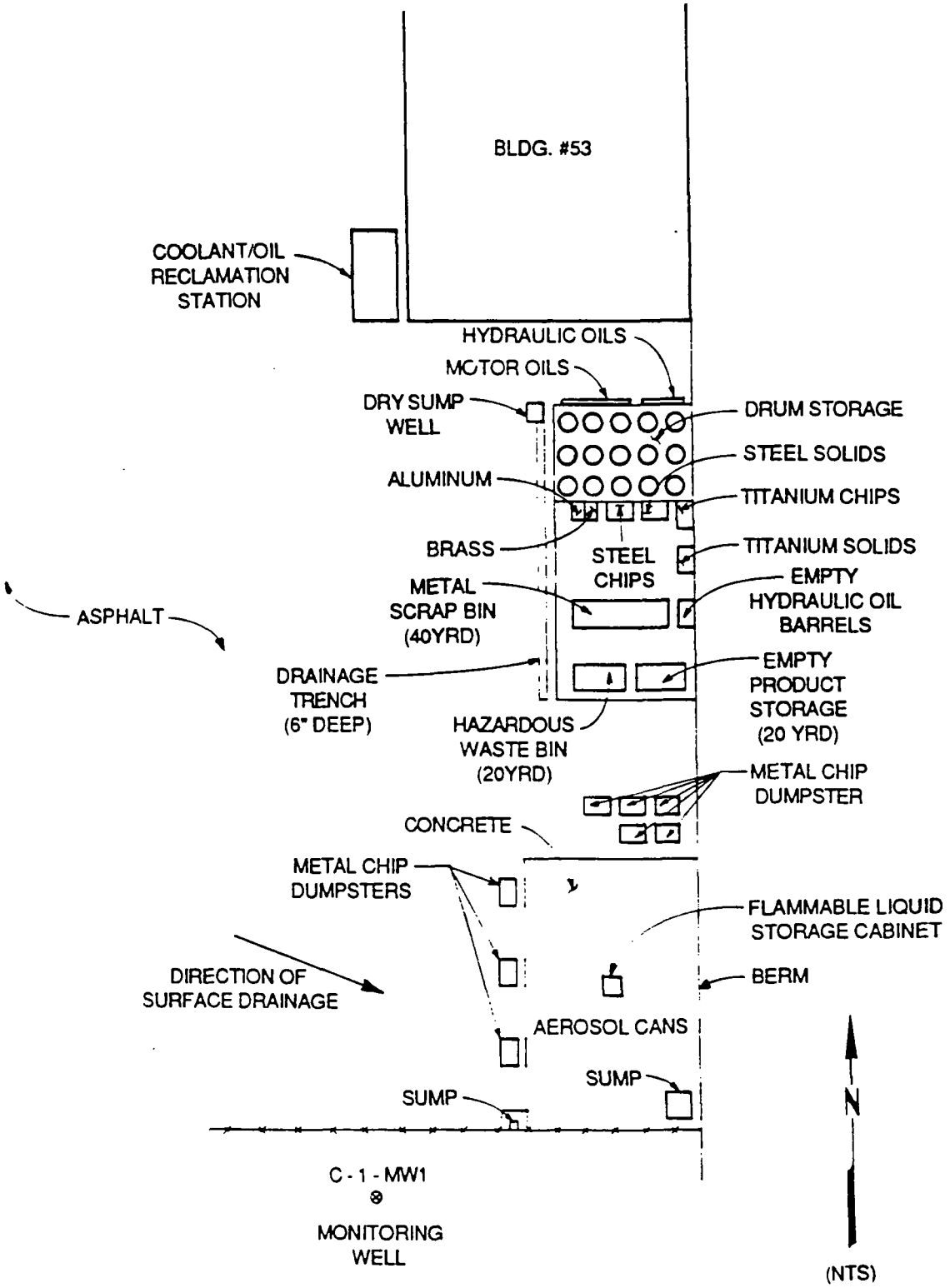


FIGURE 7
LOCKHEED BURBANK
PLANT C-1
HAZARDOUS MATERIALS
AND METALS STORAGE AREA



Secondary containment in the drum storage area is provided by a 6-inch high concrete berm. Concrete paving in the drum and metal storage areas was heavily stained due to past handling and storage practices. The floor of the storage area is sloped so that any chemical spill would flow toward a lined trench west of the storage area and into a concrete sump that is about 2 by 2 by 2 feet. The trench and sump are located along the roof line of the storage shed and during a rain storm would fill with water. Overflow would drain southwest across the asphalt to the west of the trench.

Prior to the construction of the shed, all metal products were stored in waste bins and the drums were stored on asphalt. The scrap metal and drums were previously stored on a concrete and asphalt paved area located about 25 feet south of the storage shed. The southeast corner of the prior storage area is bermed with a 6-inch high asphalt curb. Any spills in this area would migrate toward two concrete sumps located along the southern edge of the concrete. The sumps were periodically pumped out and oil was transported to the poly drums. The concrete surface in the prior storage area was extensively stained. According to Mr. Allison, residual oil, water, and other liquids would flow toward the sumps during heavy rains.

The only remnant of waste storage in this area is a single 55-gallon drum containing empty aerosol cans inside a flammable storage cabinet.

Immediately west of the area previously used for hazardous materials storage, there is an asphalt paved yard where metal scrap bins, 55-gallon drums, and other materials were reportedly stored. This area was used for storage until it became apparent that oils and other fluids were leaking from the storage bins during rains and were not contained by a secondary containment structure. The paved surface appeared heavily stained due to leaks and spills that occurred due to past handling activities.

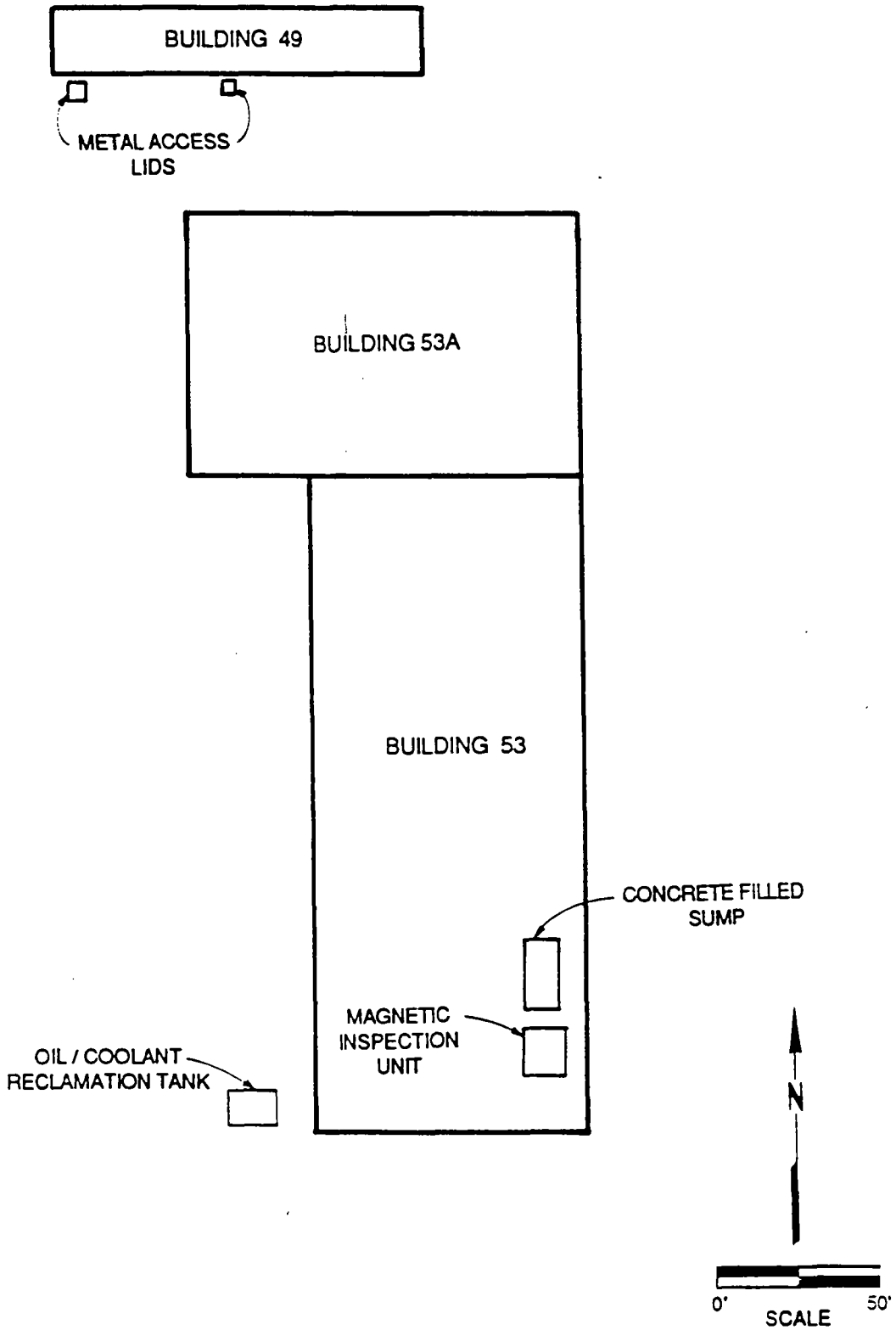
This area was investigated by Gregg & Associates in 1988 to define the lateral or vertical extent of contamination due to oils, solvents, and metals which may have migrated into the soil. Remediation of solvents and metals was not recommended because solvent concentrations were less than 1 part per million (ppm) and metal concentrations in the soil were less than the Soluble Threshold Limit Concentrations (STLCs) and they were not considered of environmental concern.

Total petroleum hydrocarbons (TPH) were detected in excess of 100 ppm, which is the commonly excepted threshold concentration used for soil cleanup. Gregg & Associates (1988) recommended that the soil in this area be excavated to a depth of 4 feet over an approximately 5,800 square foot area on the Plant C-1 property. They recommended that the soil be remediated by aeration.

Oil/Coolant Reclamation Station

This station located east of Building 53 and shown on Figure 8, is used to separate coolant and machine oils and recycle machine oil. The system consists of an aboveground 1,500-gallon stainless steel tank and has been

FIGURE 8
LOCKHEED BURBANK
PLANT C-1
BUILDINGS 49, 53, AND 53A



in operation since about 1980. The tank has two baffles that create a three-stage clarifier to separate reusable oils from unusable coolants. The chambers contained traces of oil and metal scraps at the time of the inspection. Although there is no secondary contaminant around the tank, the surrounding area appeared relatively clean with no visual evidence of leakage or spillage.

Building 53

Building 53, shown on Figure 8, is a 16,000 square foot structure with a corrugated steel shell and a reinforced concrete floor. The building is used to inspect finished metal parts. A sump filled with concrete was noted in the southeast area of the building. The sump was used to contain excess fluids generated from the penetration dye inspection area. The sump was located under an aboveground storage tank containing Zyglo. Various forms of Zyglo penetrant including oil base, solvent base, and the presently used water base penetrant, have been used at the site during operations. The sump was also used for tank overfill protection. According to Mr. Allison, the sump was filled with concrete slurry sometime in the mid 1970's.

Building 53A

Building 53A, shown on Figure 8, is a 9,600 square foot structure with a corrugated steel shell and a reinforced concrete floor. This structure adjoins Building 53. Building 53A contains a large metal cutting saw. The saw is cooled with a liquid coolant (Kleen Kool). The area surrounding the machine appeared clean with no visual stains or spills.

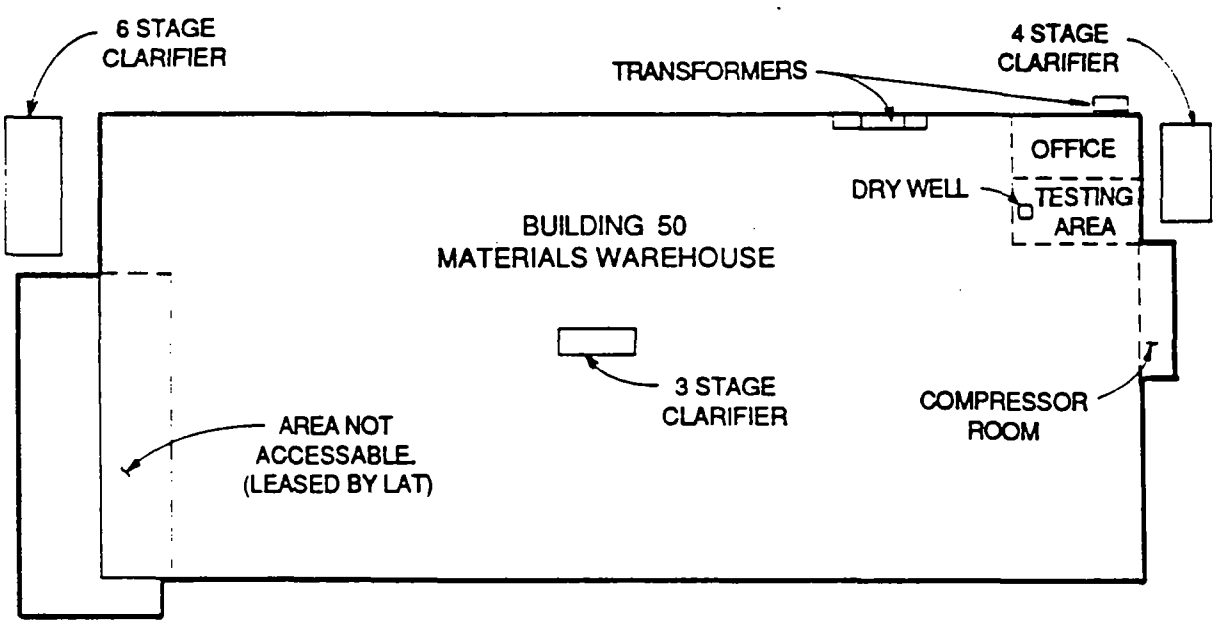
Building 49

Building 49, shown on Figure 8, is a 2,800 square foot structure with a steel shell and a reinforced concrete floor. The western half of this building is used as a maintenance shed, and the eastern half is used as a warehouse for finished parts. There are two steel access lids outside the southeast corner of the building; both had been welded shut. Lockheed personnel did not know the purpose and/or history of these features.

Building 50

Building 50, shown on Figure 9, is a 34,500 square foot structure with a corrugated steel shell and a reinforced concrete floor. A 700 square foot compressor room is built onto the east side of the building. Lockheed Air Terminal (LAT) occupies approximately 2,100 square feet in the southwest corner of the building. This area was not accessible to McLaren personnel at the time of the inspection. There is a 1,250 square-foot office space located inside at the northeast corner of the building. According to Mr. Allison, the building was constructed in the late 1950's and has been used as a freight terminal by Flying Tigers and a light fabrication and aircraft modification shop by GO Transporation. Since property acquisition by Lockheed, the building was mainly used for aircraft fabricating mock-up, but is presently being used to store a raw metal stock and to receive machine tools. A three stage clarifier is located

FIGURE 9
LOCKHEED BURBANK
PLANT C-1
BUILDING 50



in the central part of the building. A dry light colored sediment of unknown composition was observed in the bottom of this clarifier. A 55-gallon drum filled with empty aerosol cans was observed in the southwest area of the building. Three air cooled transformers are located inside the building near the east end of the north wall. A 24-inch deep dry well is present within the office area of the building.

There is four stage clarifier outside of the northeast corner of Building 50. Both oil and water were observed inside the clarifier. A six stage clarifier is located in a fenced area northwest of Building 50. This clarifier was inaccessible to McLaren personnel at the time of inspection. An air cooled electrical transformer is located outside the northeast corner of the building.

REGULATORY AGENCY FILE REVIEW

McLaren Engineering contacted the following agencies by telephone, letter, and/or in person regarding file information for the Lockheed Aircraft Plant C-1 site:

- State of California Department of Health Services (DHS)
- Regional Water Quality Control Board - Los Angeles Region (RWQCB)
- South Coast Air Quality Management District (SCAQMD)
- Los Angeles Public Works Department
- City of Los Angeles Fire Department
- City of Burbank Fire Department

Groundwater in the Burbank Airport area is known to be contaminated and is presently being characterized for cleanup under the North Hollywood National Priority List program under the supervision of the U.S. Environmental Protection Agency, the Department of Health Services, and Regional Water Quality Control Board. Groundwater remediation programs have been already been implemented on other Lockheed properties in the area. Because of all the site characterization and remediation work that is being conducted in the Burbank Airport area there are boxes of files at DHS, RWQCB and SCAQMD on the Lockheed properties including Plants A-1, B-1, B-6, and C-1. The files were briefly reviewed but require approximately one week of review to extract the significant information on only the C-1 site. A thorough review of the DHS, RWQCB, and SCAQMD files is recommended as part of the program to investigate the environmental concerns at Plant C-1.

The other agencies contacted had limited information on the C-1 site and therefore are listed below.

Attachment 4 for Lockheed Response to Item 7.

EPA Request for Information

Plant C-1 and Bldg. 528

PLANT C-1
BUILDING DATA

BLDG #	DATE CONSTRUCTED	DESCRIPTION OF USEAGE	CHEMICALS USED * (ANNUAL AMOUNT)
29	1957	MAINTENANCE, STORAGE, AND EQUIPMENT TESTING; HYDRAULIC TEST BENCH	HYDRAULIC OIL <5 GAL. FLAMMABLE LIQUID
35	1968	TOOLING MACHINES	<5 GAL METHYL ETHYL KETONE 110 GAL HYDRAULIC OIL 55 GAL WASTE/COOLANT
40	1952	HANGAR AND SERVICE AREA PARTS MANUFACTURING AND MODIFICATION	HYDRAULIC OILS WAY OILS COOLANTS KEROSENE <50 GAL TERCOL 64-66
40A	1952	OFFICE SPACE, BATHROOMS COMPRESSOR ROOM, ELECTRICAL TRANSFORMER GRINDING ROOM	55 GAL MOTOR OIL <5 GAL KEROSENE
41	1952	HANGAR AND SERVICE AREA METAL CUTTING, FORMING, AND DEBURRING	HYDRAULIC OIL LUBRICATING OIL COOLANTS VIBRA FINISH (BF-1-11)

BLDG #	DATE CONSTRUCTED	DESCRIPTION OF USEAGE	CHEMICALS USED * (ANNUAL AMOUNT)
42	1952	OFFICE SPACE	NONE
43	1953	METAL FINISHING AND TOOLING REPAIR (SOLVENTS WERE USED BY CLOTH RAG TO WIPE OFF & CLEAN PARTS/TOOLS)	DYKEM REMOVER WEDAL PENNETONE SPRAY PAINTS LUBRICATING OILS HYDRAULIC OILS COOLANTS
44	1953	CAFETERIA ELECTRONIC PARTS SERVICE (UNDERGROUND STORAGE TANK - UST)	10,000 GAL UST FEUL OIL INITIALLY WASTE OIL IN LATER YEARS
49	1954	MAINTENANCE SHED WAREHOUSE FOR FINISHED PARTS	NONE
50	1952	FREIGHT TERMINAL (FLYING TIGERS) AIRCRAFT MODIFICATION (GO TRANSPORTATION) TRUCKING DEPOT FABRICATION MOCK-UP (LOCKHEED) RAW MATERIALS STORAGE	HYDRAULIC OIL LUBRICATING OIL DIESEL FUEL
53	1963	INSPECTION OF FINISHED METAL PARTS (SOLVENTS WERE USED BY CLOTH RAG TO WIPE OFF & CLEAN PARTS/TOOLS)	<100 GAL ZYGLO <100 GAL HYDRAULIC OIL < 50 GAL KEROSENE UNOCAL OIL

BLDG #	DATE CONSTRUCTED	DESCRIPTION OF USEAGE	CHEMICALS USED * (ANNUAL AMOUNT)
53A	1981	METAL CUTTING	KLEEN KOOL
530	1958	STORAGE SHED	
HAZ MAT	1988?	HAZARDOUS MATERIALS STORAGE SCRAP METALS STORAGE (UNDERGROUND STORAGE TANK - UST)	TITANIUM, MAGNESIUM, BRASS ALUMINUM, BERYLLIUM COPPER OILY & SOLVENT RAGS ABSORBENT SOCKS, DRY SWEEP LUBRICATING OIL, WAY OIL LAQCQUER THINNER, KEROSENE ACID ETCH CLEANER, AMMONIA ROUTING OILS, RUST LICK STODDARD SOLVENT, ZYGLO

* ADDITIONAL INFORMATION PERTAINING TO CHEMICAL USAGE IS PROVIDED IN THE ATTACHED TABLES

PLANT C1

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
029	05327	BEROL USA	FLASH FLING HIGHLIGH					
029	11216	ANSUL FIRE PROT	MET-L-X DRYPOWDER EX					
029	11217	ANSUL FIRE PROT	CARBON DIOXIDE					
029	00000	GENERAL FIRE EX	FIRE EXT MOD 20RH					
029	17347	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
029	17347	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
029	17347	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
029	09108	LOCTITE CORP	SUPERFLEX ADHESIVE/S	40	30	Z	75	Z
029	13649	LOCTITE CORP	SPEEDBONDER 324 STRU	7	4	Z	24	Z
029	17347	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
029	17347	FULLER BRUSH	INDUSTRIAL INSECT SP	50	30	Z	150	Z
029	16902	UNION CARBIDE	ARGON	10	8	P	30	P
029	11085	BORDEN INC	1501 THRU 2505 MOST	12		F	6	F
029	12267	RAWN CO	CLEAR SPRAY COATING	12		F	12	F
029	11087	BORDEN INC	KRYLON FLUORESCENT 3	12		F	12	F
029	07679	HERCULES INC	PRO FAX COPOLYMER PE	12		F	12	F
029	17347	FULLER BRUSH	INDUSTRIAL INSECT SP	68		Z		
029	19306	WD-40 CO	WD-40 AEROSOL	5		G		
029	19306	WD-40 CO	WD-40 AEROSOL	68		Z		
029	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	16		Z		
029	17940	SBS PRODUCTS IN	SBS-33 WATERLESS SKI	3		P		
029	20889	STOCKHAUSEN INC	KRESTO	64		Z		
029	10119	ALTANA INC BYK	WHITE PETROLATUM USP	14		Z		
029	00000	BLACK SWAN	PIPE JOINT COMP.	10		Z		
029	17940	SBS PRODUCTS IN	SBS-33 WATERLESS SKI	25		Z		
029	09623	IDEAL INDUSTRIE	YELLOW 77	150	75	Z	300	Z
029	12214	HOLT LLOYD CORP	LPS 1 GREASELESS LUB	64	48	Z	150	Z
029	15198	HERCULES CHEMIC	PRO-DOPE	45	30	Z	150	Z
029	04577	CHEMCENTRAL	LACQUER THINNER 140-	2	1	G	4	Z
029	11126	BORDEN INC	KRYLON CRYSTAL CLEAR	128	50	Z	150	Z
029	05616	CRC CHEMICALS U	RED URETHANE SEAL CO	100	75	Z	200	Z
029	10238	CHASE CHEMICAL	ISOPROPYL ALCOHOL	45	30	Z	64	Z
029	22423	DYKEM CO	DYKEM STEEL BLUE DX-	16	8	Z	60	Z
029	09162	HENRY CO	203 COLD APPLICATION	2	1	G	6	Z
029	17103	HENRY W W CO	ALUMINUM FIBER COATI	2	1	G	6	Z
029	10119	ALTANA INC BYK	WHITE PETROLATUM USP	20	15	Z	100	Z
029	11098	DYKEM CO	STEEL BLUE DX100	4		F	2	F
029	22478	FULLER BRUSH	GRAFFITI CLEANER 917	30	20	Z	75	Z
029	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	40	30	Z	150	Z
029	14014	LEPAGES INC	MUCILAGE	1		N	1	N
029	08872	BURNDY	PENETROX A	2		N	1	N
029	15095	PERMATEX INDUST	FORM-A-GASKET #1	64	40	Z	64	Z
029	15096	PERMATEX INDUST	FORM-A-GASKET #2	64	30	Z	80	Z
029	14651	UNOCAL	UNOBA EP GREASE 1	10	5	G	60	Z
029	20898	ANCHOR CHEMICAL	WESTLUBE	24	12	Z	84	Z
029	20505	INDUSTRIAL POLY	WELD-ON P-70 PRIMER	16	10	Z	50	Z
029	22126	IPS CORP	WELD-ON 711 FOR PVC	8	5	Z	50	Z
029	09183	NATIONAL CHEMSE	EZE-WAY AEROSOL	54	10	Z	45	Z
029	23328	LPS LABORATORIE	LPS ELECTRO CONTACT	192	130	Z	300	Z
029	20439	RELTON CORP	RAPID TAP	16	10	Z	64	Z
029	14643	UNITED STATES B	BORAXO POWDERED HAND	120	64	Z	200	Z
029	09836	LOCTITE CORP	GASKET ELIMINATOR 51	24	18	Z	60	Z
029	10292	LOCTITE CORP	ANTI-SEIZE LUBRICANT	18	10	Z	50	Z
029	20014	RIDGE TOOL COMP	RIDGID NUCLEAR THREA	5	3	G	10	Z
029	20630	AIRCO	LIQUIFIED PETROLEUM	5	3	P	10	Z
029	19877	PLASTI-KOTE CO	FRAZEE ENAMEL 1-9, 1	100	75	Z	200	Z
029	19810	PLASTI-KOTE CO	FRAZEE 35,36,37,39 L	64	48	Z	100	Z
029	13070	LOCTITE CORP	LOCQUIC ACTIVATOR 70	20	12	Z	60	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
029	13648	LOCTITE CORP	SPEEDBONDER 325 STRU	20	10	Z	40	Z
029	17940	SBS PRODUCTS IN	SBS-33 WATERLESS SKI	64	32	Z	124	Z
029	22995	LITTON/KESTER S	SP 30 SOLDERING PAST	1	10	Z	20	Z
029	18835	SPRAYON PRODUCT	00603 BLUE LAYOUT FL	64	48	Z	100	Z
029	14245	PENNWALT	BD-2 BELT DRESSING S	36	24	Z	100	Z
029	09863	LOCTITE CORP	747-47 747-56 LOCQUI	12	10	Z	60	Z
029	15097	PERMATEX INDUST	AVIATION FORM-A-GASK	24	20	Z	64	Z
029	18835	SPRAYON PRODUCT	00603 BLUE LAYOUT FL		32	Z	100	Z
029	11180	PERMATEX INDUST	PLASTIC CLEANER	24	12	Z	64	Z
029	21829	LOCTITE CORP	RC (TM) 609 RETAININ	60	50	Z	75	Z
029	17504	TECHNO ADHESIVE	TECHNO #98 RESIN	10	5	Z	20	Z
029	17505	TECHNO ADHESIVE	TECHNO #99 HARDENER	10	5	Z	20	Z
029	09182	NATIONAL CHEMSE	THREAD-EZE BRUSH TOP	24	18	Z	64	Z
029	13171	LOCTITE CORP	ADHESIVE/SEALANT 242	12	6	Z	40	Z
029	17143	NATIONAL CHEMSE	TUF-SCRUB	150	75	Z	300	Z
029	10119	ALTANA INC BYK	WHITE PETROLATUM USP	50		P	50	P
029	15097	PERMATEX INDUST	AVIATION FORM-A-GASK				12	P
029	07895	KOPPERS	P-441P COMP G YELLOW	8		Z	8	Z
029	17347	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
029	19306	WD-40 CO	WD-40 AEROSOL	12		Z	12	Z
029	05526	PENNWALT	PENETRATING OIL NO.1	12		Z	12	Z
029	14245	PENNWALT	BD-2 BELT DRESSING S				6	Z
029	13618	THREE M	3M BRAND SUPER ADHES	6		Z	6	Z
029	11180	PERMATEX INDUST	PLASTIC CLEANER	1		Z	1	Z
029	03725	INDUSTRIAL POLY	WELD ON C65 CLEANER/	3		Q	3	Q
029	03732	INDUSTRIAL POLY	WELD ON 714 SOLVENT	3		Q	3	Q
029	03730	INDUSTRIAL POLY	PLASTIC PIPE CEMENT	3		Q	3	Q
029	12992	GARDINER SOLDER	SOLDERING FLUX 1415,	6		P	6	P
029	19306	WD-40 CO	WD-40 AEROSOL	12		Z	12	Z
029	10119	ALTANA INC BYK	WHITE PETROLATUM USP	50		P	50	P
029	19306	WD-40 CO	WD-40 AEROSOL	12		Z	12	Z
029	05526	PENNWALT	PENETRATING OIL NO.1	12		Z	12	Z
029	14245	PENNWALT	BD-2 BELT DRESSING S				6	Z
029	09863	LOCTITE CORP	747-47 747-56 LOCQUI	12		Z	12	Z
029	12388	IMS CO	SILICONE PARTING AGE	10		Z	10	Z
029	14245	PENNWALT	BD-2 BELT DRESSING S				6	Z
029	20893	THREE M	SUPER 77 SPRAY ADHES	6		Z	6	Z
029	09631	GENERAL ELECTRI	SILCONE 2				6	Z
029	17940	SBS PRODUCTS IN	SBS-33 WATERLESS SKI	1		Z	1	Z
029	19080	FREEMAN MFG & S	WHITE COLD GLUE (MED	2	1	G	6	Z
029	03725	INDUSTRIAL POLY	WELD ON C65 CLEANER/	60	30	Z	100	Z
029	20415	INDUSTRIAL POLY	WELD-ON 714 FOR CPVC	64	30	Z	100	Z
029	03730	INDUSTRIAL POLY	PLASTIC PIPE CEMENT	64	32	Z	100	Z
029	12992	GARDINER SOLDER	SOLDERING FLUX 1415,	6	3	P	10	Z
029	12388	IMS CO	SILICONE PARTING AGE	10	8	Z	64	Z
029	15892	BOYLE-MIDWAY	PLASTIC WOOD CELLULO	15	10	Z	30	Z
029	19082	GENERAL ELECTRI	RTV 162	40	20	Z	100	Z
035	13798	CIBA-GEIGY CORP	AEROLAM GRAPHITE TOO	100	100	P	5000	P
035	04911	BAKER CHEMICAL	TITANIUM	300	500	P	20000	P
035	11085	BORDEN INC	1501 THRU 2505 MOST	000		P	000	P
035	07302	ICI AMERICAS IN	APC-2	100	100	P	5000	P
035	07358	MCCAUGHIN CO J	T10					
035	07402	ROHM AND HAAS C	PLEXIGLAS ACRYLIC SH					
035	05327	BEROL USA	FLASH FLING HIGHLIGH					
035	11097	DYKEM CO	DYKEM LAYOUT FLUIDS					
035	11216	ANSUL FIRE PROT	MET-L-X DRYPOWDER EX					
035	11217	ANSUL FIRE PROT	CARBON DIOXIDE					
035	00000	GENERAL FIRE EX	FIRE EXT MOD 20RH					

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
035	05030	JOSEPH DIXON CR	200-10 GRAPHITE	100	50	P	5000	P
035	13798	CIBA-GEIGY CORP	AEROLAM GRAPHITE TOO					
035	22755	MCCAUGHIN J F C	TOOLING STONE T10	500	500	P	5000	P
035	12988	ARGUESO M & CO	RIGIDAX WI	500	500	P	1500	P
035	18835	SPRAYON PRODUCT	00603 BLUE LAYOUT FL	2	2	I	10	Z
035	12209	SPRAYON PRODUCT	00205 HD SILICONE MO	100		Z	100	Z
035	17050	CHEMRICH LABORA	TINCTURE OF GREEN SO	3	3	G	100	P
040	05320	XX	STODDARD SOLVENT TYP	000		G	000	G
040	05321	XX	STODDARD SOLVENT TYP	000		G	000	G
040	05319	XX	STODDARD SOLVENT TYP	000		G	000	G
040	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
040	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
040	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
040	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	G	6	Z
040	03574	UNION	76 LEADED REGULAR GA	0001		G	0001	G
040	03084	L R MANUFACTURI	222 ULTRASONIC CLEAN	000		G	000	G
040	03576	UNION	76 SUPER GASOLINE	0001		G	0001	G
040	03575	UNION	76 UNLEADED GASOLINE	0001		G	0001	G
040	04788	LEEDER CHEMICAL	TEC 901 CLEANER (168	55	1	G	55	G
040	06561	HYSOL DIV DEXTE	EA9309.3 NA PART A	000		G	000	G
040	06562	HYSOL DIV DEXTE	EA9309.3 NA PART B	000		G	000	G
040	04911	BAKER CHEMICAL	TITANIUM	1000	1000	P	20000	P
040	22134	PHILLIPS 66 CO	RYTON PPS ADVANCED T	25	25	P	1000	P
040	00000	AMERICAN CYANAM	IM61806				000	Q
040	07063	HYSOL DIV DEXTE	EA9320NA PART B	000		P	000	P
040	10759	HEXCEL CORP	F561 PREPREG	000		P	000	P
040	13555	HYSOL DIV DEXTE	EA934 NA PART B	000		P	000	P
040	13554	HYSOL DIV DEXTE	EA934 NA PART A	000		P	000	P
040	07215	AMERICAN CYANAM	FM123-5A ADHESIVE FI	000		P	000	P
040	07302	ICI AMERICAS IN	APC-2	1000	1000	P	5000	P
040	11085	BORDEN INC	1501 THRU 2505 MOST	000		P	000	P
040	11099	DYKEM CO	DYKEM REMOVER ^ THIN	000		P	000	P
040	10048	FIBER RESIN	FR5312	0001		G	0001	G
040	00000	SHERWIN WILLIAM	SILICONE MOLD RELEAS			Q	000	Q
040	05304	SINCLAIR PAINT	ALL TINT COLORANT	000		G	000	G
040	05623	TREWAX CO	CLEAR PASTE WAX	1	1	G	1	G
040	10873	UNOCAL	ROUTING OIL A	000165		G	000165	G
040	07309	NATIONAL CHEMSE	LEXITE BULK	000		G	000	G
040	22755	MCCAUGHIN J F C	TOOLING STONE T10	500	500	P	5000	P
040	07357	GOLDENWEST PROD	R1/MG3000 MACHINABLE	000		G	000	G
040	00000	GOLDENWEST PROD	T10				000	Q
040	07402	ROHM AND HAAS C	PLEXIGLAS ACRYLIC SH	25	25	P	100	P
040	11038	HYSOL A. & I.P.	EA9320NA PART A	000		G	000	G
040	07692	AMERICAN CYANAM	CYCOM X1808 RESIN	000		G	000	G
040	07693	AMERICAN CYANAM	TUFF-PLY 70XX ADHESI	00010		P	00010	P
040	07825	AMERICAN CYANAM	FM 300 300K 300M ADH	00050		P	00050	P
040	07820	MATHESON GAS PR	AMMONIA	55	1	G	55	G
040	00000	AVERY LABEL CO	SELF ADHESIVE CORREC				00010	Q
040	04911	BAKER CHEMICAL	TITANIUM	1		P	1	P
040	04911	BAKER CHEMICAL	TITANIUM	0001		P	0001	P
040	05327	BEROL USA	FLASH FLING HIGHLIGH	5		G	5	G
040	11085	BORDEN INC	1501 THRU 2505 MOST	000		P	000	P
040	10058	CHASE CHEMICAL	KEROSENE	000330		G	000330	G
040	10058	CHASE CHEMICAL	KEROSENE	000330		G	000330	G
040	10058	CHASE CHEMICAL	KEROSENE	000330		G	000330	G
040	10058	CHASE CHEMICAL	KEROSENE	000330		G	000330	G
040	11097	DYKEM CO	DYKEM LAYOUT FLUIDS	1		G	1	G
040	11099	DYKEM CO	DYKEM REMOVER ^ THIN	000		P	000	P

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
040	03176	HOUGHTON E F CO	MACHINE TOOL CLEANER	000110		G	000110	G
040	10048	FIBER RESIN	FR5312	0001		G	0001	G
040	10745	FIBER RESIN	5413 C	0001		G	0001	G
040	11447	HENRY CO	PLASTIC ROOF CEMENT	0001		G	0001	G
040	10759	HEXCEL CORP	F561 PREPREG	000		P	000	P
040	10759	HEXCEL CORP	F561 PREPREG	000		P	000	P
040	11125	HEXCEL CORP	F155 PREPREG	0000025		P	0000025	P
040	11125	HEXCEL CORP	F155 PREPREG	0000025		P	0000025	P
040	10841	HEXCEL CORP	F263 PREPREG	000		G	000	G
040	10841	HEXCEL CORP	F263 PREPREG	000		G	000	G
040	10816	HEXCEL CORP	F161 PREPREG	000		G	000	G
040	10816	HEXCEL CORP	F161 PREPREG	000		G	000	G
040	05941	ISO CAST SYSTEM	BLACKCAST & BROWNCAS	0001		Q	0001	Q
040	07358	MCCAUGHIN CO J	T10	000		G	000	G
040	12241	RELTON CORP	RAPID TAP	000		G	000	G
040	00000	RUST LICK	RUST LICK COOLANT 10				000480	G
040	03098	RUST LICK	606	0001		G	0001	G
040	03098	RUST LICK	606	0001		G	0001	G
040	12821	SHELL OIL	SHELL MOTOR OIL 30	555		G	000555	G
040	00000	SHERWIN WILLIAM	SILICONE HOLD RELEAS	4		I	0004	I
040	05304	SINCLAIR PAINT	ALL TINT COLORANT	000		G	000	G
040	07310	SUNNEN PRODUCTS	MB30 HONING OIL (MB-	000		P	000	P
040	07269	SYNTHANE TAYLOR	SYNTHANE CURED SILIC	00050		P	00050	P
040	10129	SYNTHANE TAYLOR	CURED EPOXY AND GLAS	50		P	00050	P
040	16363	TURCO PRODUCTS	6646	0001		G	0001	G
040	05623	TREWAX CO	CLEAR PASTE WAX	1	1	G	1	G
040	03574	UNION	76 LEADED REGULAR GA	0001		G	0001	G
040	10873	UNOCAL	ROUTING OIL A	000165		G	000165	G
040	10873	UNOCAL	ROUTING OIL A	000165		G	000165	G
040	10873	UNOCAL	ROUTING OIL A	000165		G	000165	G
040	10873	UNOCAL	ROUTING OIL A	000165		G	000165	G
040	10873	UNOCAL	ROUTING OIL A	000165		G	000165	G
040	10873	UNOCAL	ROUTING OIL A	000165		G	000165	G
040	00000	UNION OIL	KLEARKUT-B	550		G	000550	G
040	03562	UNION	GUARDOL 10W/30 15W/4	000550		G	000550	G
040	10873	UNOCAL	ROUTING OIL A	000165		G	000165	G
040	14643	UNITED STATES B	BORAXO POWDERED HAND	00010		P	00010	P
040	07782	WD40	WD40 SPRAY CANS	0001		G	0001	G
040	07782	WD40	WD40 SPRAY CANS	0001		G	0001	G
040	00000	THREE M	3M FASTBOND ADHESIVE				0001	G
040	11085	BORDEN INC	1501 THRU 2505 MOST	000		P	000	P
040	11085	BORDEN INC	1501 THRU 2505 MOST	000		P	000	P
040	11085	BORDEN INC	1501 THRU 2505 MOST	00030		G	00030	G
040	11085	BORDEN INC	1501 THRU 2505 MOST	00030		G	00030	G
040	11906	DEFT	03GN52CA GREEN 24052	0001		G	0001	G
040	11906	DEFT	03GN52CA GREEN 24052	0001		G	0001	G
040	11216	ANSUL FIRE PROT	MET-L-X DRYPOWDER EX				2	G
040	11217	ANSUL FIRE PROT	CARBON DIOXIDE				1	G
040	14703	WALTER KIDDE	CARBON DIOXIDE EXTIN	1		G	1	G
040	00000	GENERAL FIRE EX	FIRE EXT MOD 20RH				1	G
040	14703	WALTER KIDDE	CARBON DIOXIDE EXTIN	1		G	0001	G
040	14703	WALTER KIDDE	CARBON DIOXIDE EXTIN	2		G	0002	G
040	14703	WALTER KIDDE	CARBON DIOXIDE EXTIN	2		G	0002	G
040	00000	GRAVINER SWORDS	MODEL 16-14				0001	G
040	00000	C-O- TWO FIRE E	PSH 20				0001	G
040	00000	AMERICAN LA FRA	SERIES 85				0001	G
040	00000	UNION OIL	TRANS FLUID A				000100	G
040	10830	PERMALITE PLAST	SEA GOIN BODY POXY 1	0002		G	0002	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
040	10830	PERMALITE PLAST	SEA GOIN BODY POXY 1	0002		G	0002	G
040	11186	GOLDENWEST PROD	NC PROOFBOARD INSUL-	100	100	P	5000	P
040	11186	GOLDENWEST PROD	NC PROOFBOARD INSUL-	000100		P	000100	P
040	11186	GOLDENWEST PROD	NC PROOFBOARD INSUL-	000100		P	000100	P
040	15165	GOLDENWEST PROD	MACHINEABLE PLASTIC	000100		P	000100	P
040	15165	GOLDENWEST PROD	MACHINEABLE PLASTIC	000100		P	000100	P
040	15165	GOLDENWEST PROD	MACHINEABLE PLASTIC	000100		P	000100	P
040	11185	GOLDENWEST PROD	R1 FAST CAST ER #808	000100		P	000100	P
040	11185	GOLDENWEST PROD	R1 FAST CAST ER #808	000100		P	000100	P
040	11185	GOLDENWEST PROD	R1 FAST CAST ER #808	000100		P	000100	P
040	10829	PERMALITE PLAST	SEA GOIN BODY POXY 1	0002		G	0002	G
040	10829	PERMALITE PLAST	SEA GOIN BODY POXY 1	0002		G	0002	G
040	10829	PERMALITE PLAST	SEA GOIN BODY POXY 1	0002		G	0002	G
040	11625	HERCULES INC	CARBON/EPOXY PREPREG	0005		P	0005	P
040	12246	HERCULES INC	CARBON/EPOXY PREPREG	0005		P	0005	P
040	11593	HERCULES INC	CARBON/EPOXY PREPREG	0005		P	0005	P
040	11539	HERCULES INC	CARBON/EPOXY PREPREG	0005		P	0005	P
040	11773	HERCULES INC	CARBON/EPOXY PREPREG	0005		P	0005	P
040	03857	UNION CARBIDE	THORNEL AL GRADE CON	00050		P	00050	P
040	03857	UNION CARBIDE	THORNEL AL GRADE CON	00050		P	00050	P
040	04337	BAKER CHEMICAL	MAGNESIUM	000500		P	000500	P
040	05030	JOSEPH DIXON CR	200-10 GRAPHITE	100	100	P	1000	P
040	06126	CALAC	C261-0	0001		G	0001	G
040	18669	CALAC	C50, PART A	0001		P	0001	P
040	10199	MANVILLE	MARINITE I	00050		P	00050	P
040	18415	LASC	TC91 PART A	0002		Z	0002	Z
040	11998	HERCULES INC	CARBON/EPOXY PREPREG	00025		P	00025	P
040	11998	HERCULES INC	CARBON/EPOXY PREPREG	00025		P	00025	P
040	07306	HERCULES INC	AS4 AS6 IM6 HMS HMS4	00025		P	00025	P
040	07306	HERCULES INC	AS4 AS6 IM6 HMS HMS4	00025		P	00025	P
040	00000	LNP CORP	TETRALOY	25		P	00025	P
040	00000	VESPEL	PYROMELLITIMIDE	5		P	0005	P
040	10268	CIBA-GEIGY CORP	REN SHAPE (R) 450	500		P	1000	P
040	13798	CIBA-GEIGY CORP	AEROLAM GRAPHITE TOO	100	10	P	300	P
040	12339	BASF STRUCTURAL	NARMCO 5250-3 WOVEN	5	5	P	100	Z
040	12974	FRAZEE PAINT AN	751 001 GLOS WHT LAC	1		G	5	G
040	11396	HYSOL DIV DEXTE	HG 9872	25		P	100	P
040	15902	CIBA-GEIGY CORP	R6376	100	10	P	5000	P
040	13547	GENERAL ELECTRI	LEXAN RESIN	10		P	50	P
040	00000	RICHLITE	RICHLITE	500		P	500	P
040	18876	LASC	TC91 PART B					
040	18412	CALAC	TC91, PART C					
040	17208	CALAC	C50, PART B					
040	18420	CALAC	C50, PART C					
040	07309	NATIONAL CHEMSE	LEXITE BULK	20	5	P	1000	G
040	22692	COCHRAN, J.F. I	PINK SATIN HAND LOTI	2	1	G	50	Z
040	00000	ROYAL	AMMONIA	1	1	G	6	G
040	04488	U S INDUSTRIAL	ETHYL ALCOHOL ABSOLU	1		G	1	G
040	09872	BURMAH CASTROL	BRAYCO 300 LUBE OIL	110		G	110	G
040	11250	HERCULES INC	CARBON/EPOXY PREPREG	5	100	P	5000	P
040	07303	PHILLIPS 66 CO	HYDROCARBON FLUID TY	000		G	000	G
040	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
040	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
040	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
040	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
040	14644	UNITED STATES B	BORAXO LIQUID LOTION	1	1	G	6	G
040	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
040	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
0	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
040	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
040	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
040	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
040	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
040	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
040	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
040	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
040	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
040	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
040	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
040	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
040	19868	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
040	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
040	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
040	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	6	1	G	6	G
040	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
040	00000	ROYAL	BLEACH	1	1	G	6	G
040	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
040	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
040	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
040	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
040	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
040	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
040	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
040	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
040	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
040	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
0	09872	BURMAH CASTROL	BRAYCO 300 LUBE OIL	110		G	110	G
040	09858	HOUGHTON E F CO	CINDOL 3202	000		G	000	G
040	07302	ICI AMERICAS IN	APC-2	000		P	000	P
040	05540	MCKESSON CHEMIC	SOLVENT BLEND NTB	000		Q	000	Q
040	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	6	1	G	6	G
040	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
040	00000	ROYAL	AMMONIA	1	1	G	6	G
040	00000	ROYAL	BLEACH	1	1	G	6	G
040	07820	MATHESON GAS PR	AMMONIA	30	25	G	50	G
040	12223	BALL INDUSTRIES	D O C DISINFECTANT C	30	20	G	60	Z
040	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	30	10	G	50	
040	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	18	10	G	24	
040	23904	COLGATE PALMOLI	INSTITUTIONAL AJAX D	24	16	G	45	G
040	14644	UNITED STATES B	BORAXO LIQUID LOTION	32	28	G	100	G
040	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	120		G	120	G
040	00000	GENERAL PACIFIC	MOD 20 AKR				1	G
040	10873	UNION OIL	HYDRAULIC OIL				2	G
040	10875	UNOCAL	WAY OIL HD 32	2		G	2	G
040	12830	UNOCAL	UNOCAL TURBINE OIL 2				2	G
040	03556	UNION	ATF DEXRON II				2	G
040	12829	UNION OIL	HYDRAULIC 150 AW68				2	G
040	12831	UNOCAL	UNOCAL WAY OIL HD 68				2	G
040	03571	UNION	MP GEAR LUBE LS 80W/	2		G	2	G
040	03562	UNION	GUARDOL 10W/30 15W/4				2	G
040	03571	UNION	MP GEAR LUBE LS 80W/	2		G	2	G
040	09706	UNOCAL	UNOCAL TURBINE OIL 1				2	G
040	14004	KORECTYPE	CORRECTION MATERIAL	12		Q	12	Q
040	14003	KORECTYPE	CORRECTABLE FILM RIB	12		Q	12	Q
0	22246	LOCTITE CORP	REMOVABLE THREADLOCK	24	24	Z	24	P
040	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	10	1	P	200	P

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
0	12223	BALL INDUSTRIES	D O C DISINFECTANT C	20	1	G	600	G
040	14644	UNITED STATES B	BORAXO LIQUID LOTION	10	10	G	500	G
040	14644	UNITED STATES B	BORAXO LIQUID LOTION	20	15	G	600	G
040	14643	UNITED STATES B	BORAXO POWDERED HAND	10	10	P	200	P
040	18832	SHELL OIL	EPON RESIN 828	1		G	1	G
040	18656	DOW CHEMICAL	GLYCERINE, USP, 99.5	5	5	G	10	Z
040	05614	CRC CHEMICALS U	HEAVY FILM SOFT SEAL	00024		G	00024	G
040	06827	CHASE CHEMICAL	LACQUER THINNER	00055		G	00055	G
040	06817	CHASE CHEMICAL	ENAMEL REDUCER	165	1	G	165	G
040	14993	DOW CORNING	SILASTIC (R) 732 RTV	0005		P	0005	P
040	22904	TURCO PRODUCTS	TURCO 6646	12	12	Z	5	G
040	12173	MALLINCKRODT IN	GLYCERIN	5	5	G	20	Z
040	10869	PACIFIC ANCHOR	ANCAMIDE 500	1	1	Q	1	Z
040	11272	REXCO CHEMICAL	THALCO MOLD RELEASE	2	2	G	20	G
040	18835	SPRAYON PRODUCT	00603 BLUE LAYOUT FL	288	288	Z	1000	Z
040	18385	TURCO PRODUCTS	5351	24	24	Z	10	Z
040	22861	TURCO PRODUCTS	TURCO SOLV	10	10	G	500	Z
040	18842	SUNSHINE MAKERS	SIMPLE GREEN (OIL DI	50	25	G	1600	Z
040	18222	DRACKETT PRODUC	WINDEX GLASS CLEANER	528	264	Z	2200	Z
040	07693	AMERICAN CYANAM	TUFF-PLY 70XX ADHESI	00010		P	00010	P
040	07259	AMERICAN CYANAM	CYCOM X1806 PREPREG	000		P	000	P
040	05540	MCKESSON CHEMIC	SOLVENT BLEND NTB	000		Q	000	Q
040	09858	HOUGHTON E F CO	CINDOL 3202	000		G	000	G
040	10027	ALLOY METALS IN	AMDRY FECOV				000	Q
040	10875	UNOCAL	WAY OIL HD 32	2		G	2	G
040	14804	ALUMILITE	ALUMI-LITE	1		G	1	G
040	00000	UNION OIL	ATFDEXRON II D20361				55	G
040	00000	UNION OIL	HYDRO OIL AW-15046				480	G
0	06875	BORTZ OIL	BASE OIL C	55		G	55	G
40	00000	CABOT CORPORATI	HAYNES 188	800		P	800	P
040	19517	HAYNES INTERNAT	HAYNES ALLOY NO. 188	800		P	800	P
040	14644	UNITED STATES B	BORAXO LIQUID LOTION	8	6	G	60	
040	07820	MATHESON GAS PR	AMMONIA	6	4	G	40	G
040	12223	BALL INDUSTRIES	D O C DISINFECTANT C	8	6	G	36	
040	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	8	6	G	36	
040A	15181	HARRIS/3M DPI	6215 BLACK DEVELOPER	1		P	5	P
040A	06292	CALAC	C176	30		Z	6	Z
041	07602	UNITED POLYMER	FLUROGREEN E110 E60	0	0	G	0	G
041	04911	BAKER CHEMICAL	TITANIUM	1		P	1	P
041	05327	BEROL USA	FLASH FLING HIGHLIGH	5		G	5	G
041	11085	BORDEN INC	1501 THRU 2505 MOST	000		P	000	P
041	11217	ANSUL FIRE PROT	CARBON DIOXIDE				2	G
041	11216	ANSUL FIRE PROT	MET-L-X DRYPOWDER EX				2	G
041	00000	GENERAL FIRE EX	FIRE EXT MODEL 20RH				1	G
041	05030	JOSEPH DIXON CR	200-10 GRAPHITE	50		P	50	P
041	12974	FRAZEE PAINT AN	751 001 GLOS WHT LAC	1		G	5	G
041	11172	DUPONT	VESPEL PARTS & SHAPE	50		P	100	P
041	07499	HEXCEL CORP	HFT NP HRP	10		P	50	P
041	13798	CIBA-GEIGY CORP	AEROLAM GRAPHITE TOO	100		P	150	P
041	07302	ICI AMERICAS IN	APC-2					
041	07358	MCCAUGHIN CO J	T10					
041	07402	ROHM AND HAAS C	PLEXIGLAS ACRYLIC SH					
041	07358	MCCAUGHIN CO J	T10					
041	13533	FEL-PRO INC	FEL-PRO C5-A HI TEMP	1	1	Q	1	Q
041	19517	HAYNES INTERNAT	HAYNES ALLOY NO. 188	800		P	800	P
041	11097	DYKEM CO	DYKEM LAYOUT FLUIDS	1		G	1	G
1	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
41	08346	BRUSH WELLMAN I	BERYLLIUM COPPER	1		P	1	P

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
041	09049	KIRKHILL RUBBER	LAC-C-23-1195 GRADE	1		F	1	F
041	13798	CIBA-GEIGY CORP	AEROLAM GRAPHITE TOO	100		P	300	P
041	07111	AMPCO METAL	COPPER BASE ALLOY CA					
041	07111	AMPCO METAL	COPPER BASE ALLOY CA					
041	00000	MOOR-FITE INC	MOD CD 15				1	G
041	11396	HYSOL DIV DEXTE	HG 9872	25		P	100	P
041	15902	CIBA-GEIGY CORP	R6376	25		P	100	P
041	23466	ALCOA	ALUMINUM ALLOYS CONT	300		P	500	P
041	13658	ASHLAND OIL	TECTYL 846	1	1	Q	1	Q
041	13533	FEL-PRO INC	FEL-PRO C5-A HI TEMP	1		P	1	Z
041	20439	RELTON CORP	RAPID TAP	0	0		0	
041	17551	CALAC	ALODINE 1200S, SOLUT	1		G	1	G
041	11793	MARKING METHODS	ELECTROLYTE FORMULA	1		Q	1	Q
041	19110	MARKING METHODS	ELECTROLYTE FORMULA	1		Q	1	Q
041	19111	MARKING METHODS	ELECTROLYTE FORMULA	1		Q	1	Q
041	14681	VIBRA FINISH	VF-111	200		G	200	G
041	19112	MARKING METHODS	ELECTROLYTE FORMULA	2		I	2	I
041	18835	SPRAYON PRODUCT	00603 BLUE LAYOUT FL					
041	20898	ANCHOR CHEMICAL	WESTLUBE	6	2	G	2	G
041	07310	SUNNEN PRODUCTS	MB30 HONING OIL (MB-	0	0	P	0	P
041	14534	SUGAR BEET PROD	SBS-46 PROTECTIVE CR	30	10	L	2040	Z
041	20898	ANCHOR CHEMICAL	WESTLUBE	8	4	G	256	Z
041	20439	RELTON CORP	RAPID TAP	36	12	I	18	I
041	17940	SBS PRODUCTS IN	SBS-33 WATERLESS SKI	2	1	G	15	Z
041	21470	ITW DEVCON CORP	RUSTLICK 606	1	1	G	1	G
041	22171	SHELL OIL	ISOPROPYL ALCOHOL	1	1	G	1	Z
041	10119	ALTANA INC BYK	WHITE PETROLATUM USP	80	32	Z	160	Z
041	18222	DRACKETT PRODUC	WINDEX GLASS CLEANER	528	264	Z	2200	Z
041	22692	COCHRAN, J.F. I	PINK SATIN HAND LOTI	2	1	G	50	Z
041	00000	UNION OIL CO	HYDRAULIC OIL				2	G
041	10874	UNOCAL	TURBINE OIL 22				2	G
041	10874	UNOCAL	TURBINE OIL 22				2	G
041	10875	UNOCAL	WAY OIL HD 32	2		G	2	G
041	12830	UNOCAL	UNOCAL TURBINE OIL 2				2	G
041	03556	UNION	ATF DEXRON II				2	G
041	09706	UNOCAL	UNOCAL TURBINE OIL 1				2	G
041	10872	UNION OIL CO	20W/50				2	G
042	00000	ROYAL	AMMONIA	1	1	G	6	G
042	05327	BEROL USA	FLASH FLING HIGHLIGH	5		G	5	G
042	11217	ANSUL FIRE PROT	CARBON DIOXIDE				1	G
042	00000	ANSUL FIRE PROT	FIRE EXT MODEL MX-30				4	G
042	00000	GENERAL FIRE EX	FIRE EXT MOD 20RH				1	G
042	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
042	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
042	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
042	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
042	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
042	19868	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
042	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
042	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
042	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
042	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
042	00000	ROYAL	BLEACH	1	1	G	6	G
042	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
042	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
042	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
042	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
042	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6		Z	6	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
042	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
042	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
042	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
042	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
042	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
042	07820	MATHESON GAS PR	AMMONIA	6	4	G	12	G
042	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	4	G	12	Z
042	23904	COLGATE PALMOLI	INSTITUTIONAL AJAX D	2	1	Z	10	Z
042	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	6	4	G	12	
042	14644	UNITED STATES B	BORAXO LIQUID LOTION	8	6		16	
042	11015	FULLER BRUSH	INDUSTRIAL INSECT SP	10		Z	10	Z
042	11097	DYKEM CO	DYKEM LAYOUT FLUIDS	1		G	1	G
042	14004	KORECTYPE	CORRECTION MATERIAL	12		Q	12	Q
042	14003	KORECTYPE	CORRECTABLE FILM RIB				12	Q
042	11394	BARR W. M. & CO	MARKER BOARD CLEANER	1	2	G	3	G
042	17348	FULLER BRUSH	SPRAY CLEAN (9025, 9	1	1	G	3	G
042	15181	HARRIS/3M DPI	6215 BLACK DEVELOPER					
042	11872	CLOROX CO	FORMULA 409 ALL PURP	1	1	G	3	G
042	13890	HARRIS/3M DPI	MODEL 6215 BLACK TON	1		P	5	P
043	00000	ANSUL FIRE PROT	FIRE EXT MOD MX-30-D				1	G
043	00000	GENERAL FIRE EX	FIRE EXT MOD 20RH				2	G
043	10268	CIBA-GEIGY CORP	REN SHAPE (R) 450	500		P	1000	P
043	13798	CIBA-GEIGY CORP	AEROLAM GRAPHITE TOO	100		P	300	P
043	12974	FRAZEE PAINT AN	751 001 GLOS WHT LAC	1		G	5	G
043	07358	MCCAUGHIN CO J	T10					
043	07402	ROHM AND HAAS C	PLEXIGLAS ACRYLIC SH					
043	05327	BEROL USA	FLASH FLING HIGHLIGH					
043	11097	DYKEM CO	DYKEM LAYOUT FLUIDS					
043	07358	MCCAUGHIN CO J	T10					
043	18835	SPRAYON PRODUCT	00603 BLUE LAYOUT FL					
043	11217	ANSUL FIRE PROT	CARBON DIOXIDE					
043	13798	CIBA-GEIGY CORP	AEROLAM GRAPHITE TOO					
043	10268	CIBA-GEIGY CORP	REN SHAPE (R) 450					
043	13798	CIBA-GEIGY CORP	AEROLAM GRAPHITE TOO					
043	12209	SPRAYON PRODUCT	00205 HD SILICONE MO	660		Z	1980	Z
043	09187	ELECTROFILM INC	LUBRI-BOND A AREOSOL	12		Z	12	Z
043	10830	PERMALITE PLAST	SEA GOIN BODY POXY 1	2		G	2	G
043	00000	SHERWIN WILLIAM	SILICONE MOLD RELEAS	4		I	0004	I
043	16363	TURCO PRODUCTS	6646	000330		G	000330	G
043	10985	DEVCON	RUST LICK 631	120		Z	000120	Z
043	04108	SHELL OIL	KEROSENE	0001		G	0001	G
043	05632	SWITZER J S ASS	A1273B1	4		Z		
043	05631	SWITZER J S ASS	A1273B2	4		Z		
043	05304	SINCLAIR PAINT	ALL TINT COLORANT	1	1	Z	1	Z
043	05614	CRC CHEMICALS U	HEAVY FILM SOFT SEAL	17	12	Z	17	Z
043	11085	BORDEN INC	1501 THRU 2505 MOST	72	36	Z	72	Z
043	05623	TREWAX CO	CLEAR PASTE WAX	1	1	Z	1	Z
043	21470	ITW DEVCON CORP	RUSTLICK 606	1	1	G	1	Z
043	12209	SPRAYON PRODUCT	00205 HD SILICONE MO	14	12	Z	12	Z
043	20993	UNOCAL	KLEARKUT B	5	5	G	5	Z
043	03650	RADIATOR SPECIA	LIQUID WRENCH NO 1	2	1	G	1	Z
043	20893	THREE M	SUPER 77 SPRAY ADHES	5	5	Z	2	Z
043	19306	WD-40 CO	WD-40 AEROSOL	2	1	Z	4	Z
043	07979	KANO LABORATORI	KROIL	1		G	1	G
043	10745	FIBER RESIN	FR5413 C HARDENER	0001		G	0001	G
043	10048	FIBER RESIN	FR5312	0005		G	0005	G
043	10039	CAL TEK INDUSTR	STEAMITE PLUS			G		
043	20439	RELTON CORP	RAPID TAP	24	12	I	48	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
043	14804	ALUMILITE	ALUMI-LITE	2	1	G	5	Z
043	10385	CHEM-TAB CHEMIC	50-1 WINDOW CLEANER	2	1	G	2	Z
043	05249	SURE CLEAN	SURE CLEAN LENS CLEA	2	1	Z	2	Z
043	19080	FREEMAN MFG & S	WHITE COLD GLUE (MED	1	1	G	1	Z
043	17879	MARQUETTE INDUS	BABBITRITE	6	3	P	6	W
043	20582	FEL-PRO INC	CLOVER SILICON CARBI	4	4	Z	1	Z
043	12260	DEVCON	ZIP GRIP - SUPER GLU	24	12	Z	48	Z
043	14534	SUGAR BEET PROD	SBS-46 PROTECTIVE CR	1	1	Q	1	Z
043	13533	FEL-PRO INC	FEL-PRO C5-A HI TEMP	1	1	P	1	P
043	20438	RELTON CORP	A-9 ALUMINUM CUTTING	24	12	I	60	Z
043	20898	ANCHOR CHEMICAL	WESTLUBE	2	1	G	1	Z
043	21475	ITW DEVCON CORP	ALUMINUM PUTTY (F) R	4	2	P	12	W
043	19222	DEVCON	5-MINUTE EPOXY RESIN	24	12	Z	36	Z
043	22692	COCHRAN, J.F. I	PINK SATIN HAND LOTI	1	1	G	1	Z
043	11099	DYKEM CO	DYKEM REMOVER THINN	000		P	000	P
043	04028	FREEMAN SUPPLY	TUFFIL	20		Q	20	Q
043	12976	FREEMAN MFG & S	CREAM HARDENER	40		Z	40	Z
043	11100	DYKEM CO	DYKEM SPRAY REMOVER			Z		
043	22422	DYKEM CO	DYKEM REMOVER & THIN	6	3	G	24	Z
043	22423	DYKEM CO	DYKEM STEEL BLUE DX-	3	3	G	2	Z
043	04028	FREEMAN SUPPLY	TUFFIL	24	12	Q	48	W
043	18835	SPRAYON PRODUCT	00603 BLUE LAYOUT FL	90	80	Z	20	Z
043	10491	DE LORME MARKET	KWIK KURE	72	12	P	72	W
043	17940	SBS PRODUCTS IN	SBS-33 WATERLESS SKI	2	2	G	4	Z
043	17683	CINCINNATI MILA	CIMSTAR QUAL STAR	1		G		
044	00000	ANSUL FIRE PROT	FIRE EXT MOD MX-30-D				0001	G
044	11217	ANSUL FIRE PROT	CARBON DIOXIDE					
044	00000	GENERAL FIRE EX	FIRE EXT MOD 20RH					
044	00000	LNP CORP	TETRALOY	5		P	5	P
044	10989	HOLT LLOYD CORP	LPS ELECTRO CONTACT	6		G	6	G
044	22106	GENERAL ELECTRI	RTV 108	64	48	Z	150	Z
044	20130	LITTON/KESTER S	#44 RESIN CORE SOLDE	6	4	P	12	Z
044	15139	GC ELECTRONICS	SILICONE HEAT SINK C	48	24	Z	60	Z
049	14634	UNION CARBIDE	ACETYLENE	40	30	P	60	P
049	07231	UNION CARBIDE	OXYGEN	40	30	P	60	P
049	16902	UNION CARBIDE	ARGON	10		P	10	P
049	19284	RACON INC	RACON 22	6		G	6	G
049	19282	RACON INC	RACON 11	6		G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	G	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	13490	ALLIED CHEMICAL	GENETRON 22 CHLORODI	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	11	G	6	G
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	0006	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	00000	ROYAL	AMMONIA				0002	G
050	00000	UNION OIL	ALUMINUM ROUTING OIL				0002	G
050	00000	UNION OIL	HYDRAULIC OIL				0002	G
050	00000	UNION OIL	TURBINE OIL				0002	G
050	10875	UNOCAL	WAY OIL HD 32	0002		G	0002	G
050	12662	CINCINNATI MILA	CIMPERIAL 1011	0002		G	0002	G
050	00000	UNION OIL	TURBINE OIL				0002	G
050	00000	UNION OIL	LG3 GENL PUR GREASE				0002	P
050	00000	UNION OIL	NL GEAR LUBE A6MA				0002	G
050	12662	CINCINNATI MILA	CIMPERIAL 1011	0002		G	0002	G
050	00000	UNION OIL	HYDRAULIC AW150				0002	G
050	00000	ROYAL	AMMONIA				0002	G
050	12662	CINCINNATI MILA	CIMPERIAL 1011	0002		G	0002	G
050	00000	UNION OIL CO	LG3 GENL PUR GREASE				0002	P
050	00000	UNION OIL CO	NL GEAR LUBE A6MA LU				0002	G
050	12662	CINCINNATI MILA	CIMPERIAL 1011	0002		G	0002	G
050	12822	THREE M	1603 IVI-SPRAY SEALE	0001		Z	0001	Z
050	00000	CRC CHEMICALS U	CHLORINATED SOLVENT				00055	G
050	00000	NATIONAL CHEMSE	COND PIPE COVER				0006	Z
050	00000	NATIONAL CHEMSE	TEF LON MOLDING COMP				0005	Z
050	00000	X-CON	DRY FILM LUBRICANT				0006	Z
050	00000	X-CON	STA PUT PLUMBERS PUT				00030	Z
050	14203	NATIONAL CHEMSE	X-CON 322 AEROSOL				15	Z
050	14201	NATIONAL CHEMSE	MAXI-LUBE				16	P
050	03292	CALGON	LIQUID ICE MACHINE C	00025		Z	00025	Z
050	11813	STABOND	T 197	0002		Z	0002	Z
050	09094	LIQUID CARBONIC	PROPANE				00012	P
050	00000	HIGHSIDE CHEMIC	TRACE LEAK DECTECTOR				00012	Z
050	00000	KEYSTONE ANILIN	NO WELD				00010	Z
050	00000	BORDEN INC	SPRAY PAINT				00010	Z
050	00000	FAST VAC	VACUUM PUMP OIL				0004	G
050	00000	CAPELLA	WF68				00012	G
050	03287	CALGON	CALCLEAN	00016		G	00016	G
050	18186	VIRGINIA KMP CO	SUNISO REFRIGERATION	00016		G	00016	G
050	00000	ARMSTRONG	520 ADHESIVE				0001	G
050	00000	LUBRICONTE	SILICONE LUBRICANT				00018	Z
050	00000	X ERGON	SUSTAIN DRY				0005	Z
050	00000	STAY SILV	FLUX				00030	Z
050	14641	UNION CARBIDE	LIQUEFIED PETROLEUM				0002	G
050	06732	UNION	DIESEL 2				0001	G
050	07536	LOCTITE CORP	75559 SAFETY SOLVENT	00012		Z	00012	Z
050	10708	SPRAYON PRODUCT	217 DRY FILM VYDAX M				0006	Z
050	00000	ASHLAND CHEMICA	MICROFINISH				0006	Z
050	00000	LOCTITE CORP	LOCTITE SEALANT				00012	Z
050	00000	WATCO	DANISH OIL FINISH PO				0002	G
050	00000	MASURY COLUMBIA	FURNITURE POLISH				0001	G
050	00000	DEFT	CLEAR WOOD FINISH				0001	G
050	14538	SYNKOLOID CO	SYNKOLOID SPACKLING	2		Z	0002	Z
050	00000	UNITED CILSONIT	SATIN WOOD STAIN				0002	Z
050	00000	DECRATREND CORP	TT L20A LACQUER				00012	Z
050	00000	ZEHRUNG CORP	ZERACOL				0001	Z
050	00000	NATIONAL CHEMSE	782 PEDESTAL				0001	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	05848	EASTERDAY SUPPL	90132 SUPERLATIVE FU	6	1	Z	6	Z
050	14501	STANDARD BRANDS	LATEX FLOOR COVERING	1		G	0001	G
050	00000	CONSEAL INC	50C FLOOR ADHESIVE				0001	G
050	00000	BENJAMIN MOORE	WALL GRIP LATEX SEAL				0001	G
050	00000	W W HENRY CO	532 SPRAY BLACK 2 SE				0001	G
050	00000	W W HENRY CO	137 ACOUSTI GU				0006	G
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	COLOR TILE SUPE	CEMENT REMOVER				0001	Z
050	00000	FORMICA CORP	100 ADHESIVE				0001	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	COLUMBIA RIBBON	CLEAN HANDS				0002	Z
050	00000	ESTERBROOK PEN	T-104 FLOMASTER BLK				0001	G
050	00000	INDUSTRIAL POLY	CPVC PRIMER				0003	Q
050	00000	NATIONAL CHEMSE	COND PIPE COVER				0006	Z
050	00000	NATIONAL CHEMSE	TEF LON MOLDING COMP				0005	Z
050	00000	X-CON	DRY FILM LUBRICANT				0006	Z
050	15196	HERCULES CHEMIC	STA-PUT	30		Z	00030	Z
050	00000	STP CORP	STP OIL TREATMENT LU				0006	Z
050	07536	LOCTITE CORP	SAFETY SOLVENT 75559	00012		Z	00012	Z
050	10708	SPRAYON PRODUCT	217 DRY FILM VYDAX M				0006	Z
050	00000	ASHLAND CHEMICA	MICOFINISH				0006	Z
050	00000	LOCTITE CORP	LOCTITE SEALANT				00012	Z
050	00000	WATCO	DANISH OIL FINISH PO				0002	G
050	00000	MASURY COLUMBIA	FURNISH POLISH				0001	G
050	00000	DEFT	CLEAR WOOD FINISH				0001	G
050	14538	SYNKOLOID CO	SYNKOLOID SPACKLING	2		Z	0002	Z
050	00000	UNITED CILSONIT	SATIN WOOD STAIN				0002	Z
050	07895	KOPPERS	P-441P COMP G YELLOW	0008		Z	0008	Z
050	15892	BOYLE-MIDWAY	PLASTIC WOOD CELLULO	1		Z	0001	Z
050	00000	DECRATREND CORP	TT L20A LACQUER				00012	Z
050	00000	ZEHRUNG CORP	ZERACOL SOLVENT				0001	Z
050	00000	NATIONAL CHEMSE	782 PEDESTAL				0001	G
050	05848	EASTERDAY SUPPL	90132 SUPERLATIVE FU	6	1	Z	6	Z
050	14501	STANDARD BRANDS	LATEX FLOOR COVERING	1		G	0001	G
050	00000	CONSEAL INC	50C FLOOR ADHESIVE				0001	G
050	00000	BENJAMIN MOORE	WALL GRIP LATEX SEAL				0001	G
050	00000	W W HENRY CO	137 ACOUSTIC GUM				0006	G
050	12981	FREEMAN MFG & S	WHITE COLD GLUE (MED	0006		G	0006	G
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	COLOR TILE SUPE	CEMENT REMOVER				0001	Z
050	00000	FORMICA CORP	100 ADHESIVE				0001	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	COLUMBIA RIBBON	CLEAN HANDS CLEANER				0002	Z
050	00000	ESTERBROOK PEN	T-104 FLOMASTER INK				0001	G
050	04767	JOHNSON AND SON	LEMON PLEDGE PRESSU	2	1	Z	2	Z
050	05848	EASTERDAY SUPPL	90132 SUPERLATIVE FU	6	1	Z	6	Z
050	04031	GENERAL CHEMICA	SILICONE FURN POLISH	0001		Z	0001	Z
050	00000	SHEAFFERS PEN C	32 RED WRITING INK				0001	Z
050	00000	FRAZEE PAINT AN	5202M ENAMEL				0001	G
050	00000	FRAZEE PAINT AN	1817 BLEACH ENAMEL				0001	G
050	00000	FRAZEE PAINT AN	154V ENAMEL				0001	G
050	00000	SINCLAIR PAINT	4286 ROMAN RED				0001	G
050	00000	SINCLAIR PAINT	1209 TOLUDINE RED				0001	G
050	00000	SINCLAIR PAINT	20015652-438T PAINT				0004	G
050	00000	SINCLAIR PAINT	8396 RUSTIC				0001	G
050	00000	SINCLAIR PAINT	1900 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6-6164 ENAMEL				00012	G
050	00000	SINCLAIR PAINT	LAC2655-750 ENAMEL				0002	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	SINCLAIR PAINT	7573 GREEN ENAMEL				0004	G
050	00000	SINCLAIR PAINT	36T ENAMEL				0005	G
050	00000	SINCLAIR PAINT	2006489 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	7530 ENAMEL				0004	G
050	00000	SINCLAIR PAINT	2655-750 LACQUER				0009	G
050	00000	SINCLAIR PAINT	1817 BLEACH ENAMEL				0003	G
050	14460	SINCLAIR PAINT	LAC-O-RITE GLOSS BLA	2		G	0002	G
050	00000	SINCLAIR PAINT	83 RED ENAMEL				0005	G
050	00000	SINCLAIR PAINT	553T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	796T ENAMEL				0002	G
050	00000	SINCLAIR PAINT	136T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	200-16475 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	VX25-5798 VINYL ENAM				0001	G
050	00000	SINCLAIR PAINT	37038 BLACK LACQUER				0001	G
050	00000	SINCLAIR PAINT	NEVAOH CLAY ENAMEL				0001	G
050	00000	SINCLAIR PAINT	1300 ACRYLIC ENAMEL				0001	G
050	00000	SINCLAIR PAINT	262T LATEX ENAMEL				0001	G
050	14454	SINCLAIR PAINT	80 LINE FLOOR & DECK				0001	G
050	00000	SINCLAIR PAINT	7574 BLUE ENAMEL				0001	G
050	14459	SINCLAIR PAINT	4000 LINE AQUA SATIN	1		G	0001	G
050	00000	BENJAMIN MOORE	4 BASE VINYL ENAMEL				0001	G
050	00000	SINCLAIR PAINT	26555-17110 LACQUER				0003	G
050	00000	SINCLAIR PAINT	162 YELLOW VINYL ENA				0001	G
050	00000	SINCLAIR PAINT	1700-819 VINYL ENAME				0001	G
050	14458	SINCLAIR PAINT	3309 COLORMATIC INTE	1		G	0001	G
050	00000	FRAZEE PAINT AN	515V ENAMEL				0003	G
050	00000	FRAZEE PAINT AN	5473M ENAMEL				0005	G
050	00000	FRAZEE PAINT AN	396T ENAMEL				0002	G
050	00000	FRAZEE PAINT AN	398T ENAMEL				0003	G
050	00000	FRAZEE PAINT AN	5313M ENAMEL				0003	G
050	14452	SINCLAIR PAINT	LAC-O-RITE CLEAR SEM				0004	G
050	05555	SINCLAIR PAINT	2600 LINE NITROCELLU	0006		G	0006	G
050	00000	SINCLAIR PAINT	1704 VINYL ENAMEL				0003	G
050	00000	SINCLAIR PAINT	387 ACRYLIC ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655-744 LACQUER				00012	G
050	14455	SINCLAIR PAINT	3335 COLORMATIC LOW	3		G	0003	G
050	14453	SINCLAIR PAINT	131 HEAT RESISTANT I				0001	G
050	00000	SINCLAIR PAINT	2655 2656 LACQUER				0005	G
050	00000	SINCLAIR PAINT	236T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	1377 LATEX ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2480 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	160 VINYL ENAMEL				0002	G
050	00000	BORDEN INC	SPRAY PAINT				00010	Z
050	00000	SINCLAIR PAINT	7519 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7533 ENAMEL				00024	G
050	14413	SINCLAIR PAINT	111 BURNT UMBER, ALL				0002	G
050	00000	SINCLAIR PAINT	7513 YELLOW ENAMEL				0003	G
050	00000	SINCLAIR PAINT	136 T ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7523 BLACK ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7560 11774 ENAMEL				0009	G
050	00000	SINCLAIR PAINT	7572 ORANGE ENAMEL				0005	G
050	00000	SINCLAIR PAINT	7570 RED ENAMEL				0001	G
050	00000	SINCLAIR PAINT	200 19686 ENAMEL				00012	G
050	00000	SINCLAIR PAINT	200 18856 658TENAMEL				00019	G
050	00000	SINCLAIR PAINT	200 1940 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	200 20132 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	200 20699 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	26270 GRAY ENAMEL				0004	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	DECRATREND CORP	545041 ENAMEL				0001	G
050	00000	DECRATREND CORP	309 33 BLUE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	VX25 8838 VINYL ENAM				0009	G
050	00000	SINCLAIR PAINT	2200 15609 ENAMEL				0005	G
050	00000	SINCLAIR PAINT	7500 11774 ENAMEL				00019	G
050	00000	SINCLAIR PAINT	138T ENAMEL				0007	G
050	00000	SINCLAIR PAINT	136T ENAMEL				0005	G
050	00000	SINCLAIR PAINT	89 WALNUT ENAMEL				0008	G
050	00000	SINCLAIR PAINT	2200 ENAMEL				00014	G
050	00000	SINCLAIR PAINT	7571 ENAMEL				0009	G
050	00000	SINCLAIR PAINT	7518 ENAMEL				0007	G
050	00000	SINCLAIR PAINT	7519 ENAMEL				0005	G
050	00000	SINCLAIR PAINT	7513 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7572 ENAMEL				0003	G
050	00000	SINCLAIR PAINT	MP2 16446 553T ENAMA				0006	G
050	00000	SINCLAIR PAINT	MP2 16446 553T ENAME				0006	G
050	14464	SINCLAIR PAINT	800 LINE SINCO GLOSS	7		G	0007	G
050	14464	SINCLAIR PAINT	800 LINE SINCO GLOSS	1		G	0001	G
050	00000	SINCLAIR PAINT	557 T2200 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2200 19676 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2200 15609 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655 8838 ENAMEL				0003	G
050	00000	DECRATREND CORP	7125079 ENAMEL				0009	G
050	00000	DECRATREND CORP	554V3306 ENAMEL				0004	G
050	00000	WESTERN SPECIAL	245-X35 LACQUER				0001	G
050	00000	SINCLAIR PAINT	2200 19676 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	176833 234V ENAMEL				0002	G
050	00000	SINCLAIR PAINT	300 7277 ENAMELMEL				0002	G
050	00000	SINCLAIR PAINT	4442 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6 14397 1385 ENAME				0001	G
050	00000	SINCLAIR PAINT	2200156091785468 ENA				0007	G
050	00000	SINCLAIR PAINT	18156081765462 ENAME				0006	G
050	00000	SINCLAIR PAINT	1100 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	22001855 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	160 WHITE ENAMEL				00011	G
050	00000	SINCLAIR PAINT	20001 WHITE ENAMEL				0003	G
050	00000	SINCLAIR PAINT	2655 7589 LACQUERL				0001	G
050	00000	SINCLAIR PAINT	400 15696 ENAMELRL				0005	G
050	00000	SINCLAIR PAINT	2611 CLEAR LACQUER				0001	G
050	00000	SINCLAIR PAINT	MG6 6182 ENAMEL				0002	G
050	14457	SINCLAIR PAINT	3300 COLORMATIC INTE	2		G	0002	G
050	00000	SINCLAIR PAINT	594V ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2365 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	ALKD ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2502643 ENAMEL				0005	G
050	00000	FRAZEE PAINT AN	SIN MUSTANG ENAMEL				0002	G
050	12974	FRAZEE PAINT AN	751 001 GLOS WHT LAC	1		G	1	G
050	00000	CAL WESTERN	TOP COAT ENAMEL				0001	G
050	00000	SINCLAIR PAINT	8002422 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	143 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	1100 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	153T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655 744 LACQUER				0009	G
050	00000	SINCLAIR PAINT	2655 2656 LACQUER				00013	G
050	00000	SINCLAIR PAINT	1800 15328 276T ENAM				0005	G
050	00000	SINCLAIR PAINT	GX63837 GRAY ENAMEL				0005	G
050	00000	SINCLAIR PAINT	1322 ACRYLIC ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2200 2259 ENAMEL				0004	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	SINCLAIR PAINT	2200 293 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	MG6-6-61-62 ENAMEL				0008	G
050	00000	SINCLAIR PAINT	7500 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	3101 ACRYLIC ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2700 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655 744 LACQUER				0001	G
050	00000	SINCLAIR PAINT	2655 2656 LACQUER				0003	G
050	00000	SINCLAIR PAINT	2200 143 ENAMEL				00013	G
050	00000	SINCLAIR PAINT	2200 6489 ENAMEL				00013	G
050	00000	SINCLAIR PAINT	300 16833 ENAMEL				0004	G
050	05555	SINCLAIR PAINT	2600 LINE NITROCELLU	0006		G	0006	G
050	05555	SINCLAIR PAINT	2600 LINE NITROCELLU	0006		G	0006	G
050	00000	SINCLAIR PAINT	13001477PCS180 ENAME				0001	G
050	00000	SINCLAIR PAINT	SG816007 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	NAVAJO WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	13006161 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	502 301 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7500 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	1700 16833 234V ENAM				0001	G
050	00000	SINCLAIR PAINT	2655 8838 LACQUER				0001	G
050	00000	SINCLAIR PAINT	1300 7277 ENAMEL				0004	G
050	00000	SINCLAIR PAINT	GX6 1268 PCS ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6 3837 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2200 1855 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2655 2656 LACQUER				0001	G
050	14458	SINCLAIR PAINT	3309 COLORMATIC INTE	1		G	0001	G
050	00000	SINCLAIR PAINT	7500 15583 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6 6164 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	200 2259 ENAMEL				0001	G
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON SPRAY PAINT				00010	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON RED SPRAY PAI				0002	Z
050	00000	WES GLO	BLACK PAINT				0001	Z
050	00000	SCREEN RITE	BLACK ENAMEL				00013	Z
050	00000	DANACOLOR	BLACK ENAMEL				0001	Q
050	00000	DOLFINITE PRODU	ART POSTER COLOR				0004	Q
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON SPRAY PAINT				00010	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON SPRAY PAINT				00010	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	12822	THREE M	1603 IVI-SPRAY SEALE	0001		Z	0001	Z
050	00000	CRC CHEMICALS U	CHLORINATED SOLVENT				00055	G
050	03725	INDUSTRIAL POLY	WELD ON C65 CLEANER/	0003		Q	0003	Q
050	03732	INDUSTRIAL POLY	WELD ON 714 SOLVENT	0003		Q	0003	Q
050	03732	INDUSTRIAL POLY	WELD ON 714 SOLVENT	0003		Q	0003	Q
050	12992	GARDINER SOLDER	SOLDERING FLUX 1415,	6		P	6	P
050	07782	WD40	WD40 SPRAY CANS	00012		Z	00012	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	NATIONAL CHEMSE	COND. PIPE COVER				0006	Z
050	00000	NATIONAL CHEMSE	TEFLON MOLDING COMPO				0005	Z
050	00000	X-CON	DRY FILM LUBRICANT				0006	Z
050	15196	HERCULES CHEMIC	STA-PUT	30		Z	00030	Z
050	10119	ALTANA INC BYK	WHITE PETROLATUM USP	00050		P	00050	P
050	14203	NATIONAL CHEMSE	X-CON 322 AEROSOL				15	Z
050	14201	NATIONAL CHEMSE	MAXI-LUBE				16	P
050	03292	CALGON	LIQUID ICE MACHINE C	00025		Z	00025	Z
050	11813	STABOND	T 197	0002		Z	0002	Z
050	09094	LIQUID CARBONIC	PROPANE	12		P	00012	P
050	00000	HIGHSIDE CHEMIC	TRACE LEAK DETECTOR				00012	Z
050	00000	KEYSTONE ANILIN	NO-WELD				00010	Z
050	11813	STABOND	T 197	00010		Z	00010	Z
050	00000	FAST VAC	VACUUM PUMP OIL				0004	G
050	00000	CAPELLA	WF68				00012	G
050	03287	CALGON	CALCLEAN	00016		G	00016	G
050	18186	VIRGINIA KMP CO	SUNISO REFRIGERATION	00016		G	00016	G
050	00000	ARMSTRONG PRODU	520 ADHESIVE				0001	G
050	00000	LUBRICONTE	SILICONE LUBRICANT				00018	Z
050	13978	KESTER SOLDER	KESTER SOLDERING PAS				0002	P
050	00000	X-ERGON	SUSTAIN DRY				0005	Z
050	00000	STAY SILV	FLUX				00030	Z
050	09094	LIQUID CARBONIC	PROPANE	2		G	0002	G
050	06732	UNION	DIESEL 2				0001	G
050	07782	WD40	WD40 SPRAY CANS	00012		Z	00012	Z
050	00000	STP CORP	STP OIL TREATMENT				0006	Z
050	00000	PERMATEX INDUST	FORM A GASKET				00012	P
050	18835	SPRAYON PRODUCT	00603 BLUE LAYOUT FL				00012	Z
050	07536	LOCTITE CORP	SAFETY SOLVENT 75559	00012		Z	00012	Z
050	05526	PENNWALT	PENETRATING OIL NO.1	00012		Z	00012	Z
050	10708	SPRAYON PRODUCT	217 DRY FILM VYDAX M				0006	Z
050	14245	PENNWALT	BD-2 BELT DRESSING S				0006	Z
050	09863	LOCTITE CORP	747-47 747-56 LOCQUI	00012		Z	00012	Z
050	00000	ASHLAND CHEMICA	MICROFINISH				0006	Z
050	12388	IMS CO	SILICONE PARTING AGE	00010		Z	00010	Z
050	00000	LOCTITE CORP	LOCTITE SEALANT				00012	Z
050	14245	PENNWALT	BD-2 BELT DRESSING S				0006	Z
050	00000	WATCO	DANISH OIL FINISH				0002	G
050	00000	MASURY COLUMBIA	FURNITURE POLISH				0001	G
050	00000	DEFT	CLEAR WOOD FINISH				0001	G
050	14538	SYNKOLOID CO	SYNKOLOID SPACKLING	2		Z	0002	Z
050	00000	UNITED CILSONIT	SATIN WOOD STAIN				0002	Z
050	07895	KOPPERS	P-441P COMP G YELLOW	0008		Z	0008	Z
050	15892	BOYLE-MIDWAY	PLASTIC WOOD CELLULO	1		Z	0001	Z
050	00000	DECRATREND CORP	TT L20A LACQUER				00012	Z
050	13618	THREE M	3M BRAND SUPER ADHES	0006		Z	0006	Z
050	11180	PERMATEX INDUST	PLASTIC CLEANER	0001		Z	0001	Z
050	00000	ZEHRUNG CORP	ZERACOL SOLVENT				0001	Z
050	00000	NATIONAL CHEMSE	782 PEDESTAL ADHESIV				0001	G
050	05848	EASTERDAY SUPPL	90132 SUPERLATIVE FU	6	1	Z	6	Z
050	00000	W W HENRY CO	430 FLOOR TILE ADHES				0004	G
050	14501	STANDARD BRANDS	LATEX FLOOR COVERING	1		G	0001	G
050	00000	CONCEAL INC	50C FLOOR ADHESIVE				0001	G
050	00000	BENJAMIN MOORE	WALL GRIP LATEX SEAL				0001	G
050	00000	W W HENRY CO	532 BLACK SPRAY SEAL				0001	G
050	00000	W W HENRY CO	137 ACOUSTI-GUM				0006	G
050	12981	FREEMAN MFG & S	WHITE COLD GLUE (MED	0006		G	0006	G
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	GENERAL ELECTRI	SILICONE 2 SEALANT				0006	Z
050	00000	COLOR TILE SUPE	CEMENT REMOVER				0001	Z
050	00000	FORMICA CORP	100 ADHESIVE				0001	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0006	G
050	00000	COLUMBIA RIBBON	CLEAN HANDS CLEANER				0002	Z
050	17940	SBS PRODUCTS IN	SBS-33 WATERLESS SKI	0001		Z	0001	Z
050	00000	ESTERBROOK PEN	T-104 FLOMASTER BLAC				0001	G
050	00000	INDUSTRIAL POLY	CPVC PRIMER				0003	Q
050	03725	INDUSTRIAL POLY	WELD ON C65 CLEANER/	0003		Q	0003	Q
050	03732	INDUSTRIAL POLY	WELD ON 714 SOLVENT	0003		Q	0003	Q
050	03730	INDUSTRIAL POLY	PLASTIC PIPE CEMENT	0003		Q	0003	Q
050	12992	GARDINER SOLDER	SOLDERING FLUX 1415,	6		P	6	P
050	07782	WD40	WD40 SPRAY CANS	00012		Z	00012	Z
050	00000	NATIONAL CHEMSE	COND. PIPE COVER				0006	Z
050	*00000*	*NATIONAL CHEMSE*	*TEFLON MOLDING COMPO*				*0005*	Z
050	00000	X-CON	DRY FILM LUBRICANT				0006	Z
050	15196	HERCULES CHEMIC	STA-PUT	30		Z	00030	Z
050	10119	ALTANA INC BYK	WHITE PETROLATUM USP	00050		P	00050	P
050	07782	WD40	WD40 SPRAY CANS	00012		Z	00012	Z
050	00000	STP CORP	STP OIL TREATMENT				0006	Z
050	00000	PERMATEX INDUST	FORM A GASKET				00012	P
050	18835	SPRAYON PRODUCT	00603 BLUE LAYOUT FL	00012		Z	00012	Z
050	07536	LOCTITE CORP	SAFETY SOLVENT 75559	00012		Z	00012	Z
050	05526	PENNWALT	PENETRATING OIL NO.1	00012		Z	00012	Z
050	10708	SPRAYON PRODUCT	217 DRY FILM VYDAX M				0006	Z
050	14245	PENNWALT	BD-2 BELT DRESSING S				0006	Z
050	09863	LOCTITE CORP	747-47 747-56 LOCQUI	00012		Z	00012	Z
050	00000	ASHLAND CHEMICA	MICROFINISH				0006	Z
050	12388	IMS CO	SILICONE PARTING AGE	00010		Z	00010	Z
050	00000	LOCTITE CORP	LOCTITE SEALANT				00012	Z
050	14245	PENNWALT	BD-2 BELT DRESSING S				0006	Z
050	00000	WATCO	DANISH OIL FINISH				0002	G
050	00000	MASURY COLUMBIA	FURNITURE POSISH				0001	G
050	00000	DEFT	CLEAR WOOD FINISH				0001	G
050	14538	SYNKOLOID CO	SYNKOLOID SPACKLING	2		Z	0002	Z
050	00000	UNITED CILSONIT	SATIN WOOD STAIN				0002	Z
050	07895	KOPPERS	P-441P COMP G YELLOW	0008		Z	0008	Z
050	15892	BOYLE-MIDWAY	PLASTIC WOOD CELLULO	1		Z	0001	Z
050	00000	DECRATREND CORP	TT-L20A LACQUER				00012	Z
050	13618	THREE M	3M BRAND SUPER ADHES	0006		Z	0006	Z
050	11180	PERMATEX INDUST	PLASTIC CLEANER	0001		Z	0001	Z
050	00000	ZEHRUNG CORP	ZERACOL SOLVENT				0001	Z
050	00000	NATIONAL CHEMSE	782 PEDESTAL ADHESIV				0001	G
050	05848	EASTERDAY SUPPL	90132 SUPERLATIVE FU	6	1	Z	6	Z
050	00000	W W HENRY CO	430 FLOOR TILE ADHES				0004	G
050	14501	STANDARD BRANDS	LATEX FLOOR COVERING	1		G	0001	G
050	00000	CONSEAL INC	50C FLOOR ADHESIVE				0001	G
050	00000	BENJAMIN MOORE	WALL GRIP LATEX SEAL				0001	G
050	00000	W W HENRY CO	532 SPRAY BLACK 2				0001	G
050	00000	W W HENRY CO	137 ACOUSTI GUM				0006	G
050	12981	FREEMAN MFG & S	WHITE COLD GLUE (MED	0006		G	0006	G
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	GENERAL ELECTRI	SILICON 2				0006	Z
050	00000	COLOR TILE SUPE	CEMENT REMOVER				0001	Z
050	00000	FORMICA CORP	100 ADHESIVE				0001	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	COLUMBIA RIBBON	CLEAN HANDS CLEANER				0002	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	17940	SBS PRODUCTS IN	SBS-33 WATERLESS SKI	0001		Z	0001	Z
050	00000	ESTERBROOK PEN	T-104 FLOMASTER BLAC				0001	G
050	04767	JOHNSON AND SON	LEMON PLEDGE PRESSU	2	1	Z	2	Z
050	05848	EASTERDAY SUPPL	90132 SUPERLATIVE FU	6	1	Z	6	Z
050	04031	GENERAL CHEMICA	SILICONE FURN POLISH	0001		Z	0001	Z
050	00000	SHEAFFERS PEN C	032 RED WRITING INK				0001	Z
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	0006		G	0006	G
050	00000	WATCO	DANISH OIL FINISH				0002	G
050	00000	MASURY COLUMBIA	FURNITURE POLISH				0001	G
050	00000	DEFT	CLEAR WOOD FINISH				0001	G
050	14538	SYNKOLOID CO	SYNKOLOID SPACKLING	2		Z	0002	Z
050	00000	UNITED CILSONIT	SATIN WOOD STAIN				0002	Z
050	07895	KOPPERS	P-441P COMP G YELLOW	0008		Z	0008	Z
050	15892	BOYLE-MIDWAY	PLASTIC WOOD CELLULO	1		Z	0001	Z
050	00000	DECRATREND CORP	TT-L20A LACQUER				00012	Z
050	13618	THREE M	3M BRAND SUPER ADHES	0006		Z	0006	Z
050	11180	PERMATEX INDUST	PLASTIC CLEANER	0001		Z	0001	Z
050	00000	ZEHRUNG CORP	ZERACOL SOLVENT				0001	Z
050	00000	NATIONAL CHEMSE	782 PEDESTAL ADHESIV				0001	G
050	05848	EASTERDAY SUPPL	90132 SUPERLATIVE FU	6	1	Z	6	Z
050	00000	W W HENRY CO	430 FLOOR TILE ADHES				0004	G
050	14501	STANDARD BRANDS	LATEX FLOOR COVERING	1		G	0001	G
050	00000	CONSEAL INC	50C FLOOR ADHESIVE				0001	G
050	00000	BENJAMIN MOORE	WALL GRIP LATEX SEAL				0001	G
050	00000	W W HENRY CO	532 SPRAY BLACK 2				0001	G
050	00000	W W HENRY CO	137 ACOUSTI-GUM				0006	G
050	12981	FREEMAN MFG & S	WHITE COLD GLUE (MED	0006		G	0006	G
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	GENERAL ELECTRI	SILICONE 2				0006	Z
050	00000	COLOR TILE SUPE	CEMENT REMOVER				0001	Z
050	00000	FORMICA CORP	100 ADHESIVE				0001	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	0006		G	0006	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0006	G
050	00000	UNIVERSAL LAB	UL444				0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	0003		G	0003	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	0006		G	0006	G
050	13616	THREE M	3M BRAND TROUBLE SHO	0006		Z	0006	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	0006		Z	0006	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	0006		Z	0006	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	0006		Z	0006	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	0006		Z	0006	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	0006	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	00000	UNIVERSAL LAB	UL444				0002	G
050	00000	ROYAL	AMMONIA				0002	G
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	00000	UNION	ALUMINUM ROUTING OIL				0002	G
050	00000	UNION	HYDRAULIC OIL				0002	G
050	00000	UNION	TURBINE OIL				0002	G
050	10875	UNOCAL	WAY OIL HD 32	0002		G	0002	G
050	12662	CINCINNATI MILA	CIMPERIAL 1011	0002		G	0002	G
050	00000	UNION	TURBINE OIL				0002	G
050	00000	UNION	HYDRAULIC OIL				0002	G
050	10875	UNOCAL	WAY OIL HD 32	0002		G	0002	G
050	00000	UNOCAL	LG3 GENERAL PURPOSE				0002	P
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0002	G
050	00000	UNION	TURBINE 220 OIL				0002	G
050	00000	UNION	NL GEAR LUBE A6MA				0002	G
050	00000	UNION	MULTI PURPOSE ATF OI				0002	G
050	00000	UNION	HYDRAULIC 150 AW68 O				0002	G
050	00000	UNION	TURBINE 150 68 OIL				0002	G
050	12662	CINCINNATI MILA	CIMPERIAL 1011	0002		G	0002	G
050	00000	UNION	WAY OIL 68				0002	G
050	00000	UNION	HYDRAULIC AW150 OIL				0002	G
050	03571	UNION	MP GEAR LUBE LS 80W/	0002		G	0002	G
050	00000	UNION	20W/50 OIL				0002	G
050	12060	RACON INC	RACON 22	0007		P	0007	P
050	00000	ALLIED CHEMICAL	FREON(R) 512				0003	P
050	03315	DUPONT	FREON 502	21		P	21	P
050	13490	ALLIED CHEMICAL	GENETRON 22 CHLORODI				00030	P
050	03311	DUPONT	FREON 13	0002		P	0002	P
050	00000	ALLIED CHEMICAL	FREON(R) 12				0002	P
050	11051	MATHESON GAS PR	ETHENE				0001	P
050	00000	DU-RITE PRODUCT	DEGREASER				000110	G
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	0006		G	0006	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0006	G
050	00000	UNIVERSAL LAB	UL444				0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	0003		G	0003	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	0006		G	0006	G
050	13616	THREE M	3M BRAND TROUBLE SHO	0006		Z	0006	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	0006		Z	0006	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	0006		Z	0006	0
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	0006		Z	0006	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	0006		Z	0006	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	0006	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	0006		G	0006	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0006	G
050	00000	UNIVERSAL LAB	UL444				0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	0003		G	0003	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	0006		G	0006	G
050	13616	THREE M	3M BRAND TROUBLE SHO	0006		Z	0006	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	0006		Z	0006	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	0006		Z	0006	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	0006		Z	0006	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	0006		Z	0006	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	0006	Z
050	00000	FULLER BRUSH	ANTI STATIC				0006	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	0006		G	0006	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0006	G
050	00000	UNIVERSAL LAB	UL444				0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	0003		G	0003	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	0006		G	0006	G
050	13616	THREE M	3M BRAND TROUBLE SHO	0006		Z	0006	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	0006		Z	0006	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	0006		Z	0006	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	0006		Z	0006	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	0006		Z	0006	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	0006	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	0006		G	0006	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0006	G
050	00000	UNIVERSAL LAB	UL444				0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	0003		G	0003	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	0006		G	0006	G
050	13616	THREE M	3M BRAND TROUBLE SHO	0006		Z	0006	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	0006		Z	0006	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	0006		Z	0006	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	0006		Z	0006	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	0006		Z	0006	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	0006	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	0006		G	0006	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0006	G
050	00000	UNIVERSAL LAB	UL444				0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	0003		G	0003	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	0006		G	0006	G
050	13616	THREE M	3M BRAND TROUBLE SHO	0006		Z	0006	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	0006		Z	0006	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	0006		Z	0006	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	0006		Z	0006	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	0006		Z	0006	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	0006	Z
050	00000	FULLER BRUSH	ANTI STATIC				0006	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	00000	EASTERDAY SUPPL	AMMONIA				0006	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	0006		G	0006	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0006	G
050	00000	UNIVERSAL LAB	UL444				0006	G
050	00000	ROYAL	AMMONIA				0006	G
050	00000	ROYAL	BLEACH				0006	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	0003		G	0003	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	0006		G	0006	G
050	13616	THREE M	3M BRAND TROUBLE SHO	0006		Z	0006	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	0006		Z	0006	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	0006		Z	0006	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	0006		Z	0006	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	0006		Z	0006	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	0006	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562				0006	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	12822	THREE M	1603 IVI-SPRAY SEALE	0001		Z	0001	Z
050	00000	CRC CHEMICALS U	CHLORINATED SOLVENT				00055	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	03725	INDUSTRIAL POLY	WELD ON C65 CLEANER/	0003		Q	0003	Q
050	03732	INDUSTRIAL POLY	WELD ON 714 SOLVENT	0003		Q	0003	Q
050	03732	INDUSTRIAL POLY	WELD ON 714 SOLVENT	0003		Q	0003	Q
050	12992	GARDINER SOLDER	SOLDERING FLUX 1415,	6		P	6	P
050	07782	WD40	WD40 SPRAY CANS	00012		Z	00012	Z
050	00000	NATIONAL CHEMSE	COND. PIPE COVER				0006	Z
050	00000	NATIONAL CHEMSE	TEFLON MOLDING COMPO				0005	Z
050	00000	X-CON	DRY FILM LUBRICANT				0006	Z
050	15196	HERCULES CHEMIC	STA-PUT	30		Z	00030	Z
050	10119	ALTANA INC BYK	WHITE PETROLATUM USP	00050		P	00050	P
050	14203	NATIONAL CHEMSE	X-CON 322 AEROSOL				15	Z
050	14201	NATIONAL CHEMSE	MAXI-LUBE				16	P
050	03292	CALGON	LIQUID ICE MACHINE C	00025		Z	00025	Z
050	11813	STABOND	T 197	0002		Z	0002	Z
050	09094	LIQUID CARBONIC	PROPANE				00012	P
050	00000	HIGHSIDE CHEMIC	TRACE LEAK DECTECTOR				00012	Z
050	00000	KEYSTONE ANILIN	NO-WELD				00010	Z
050	00000	BORDEN INC	KRYLON SPRAY PAINT				00010	Z
050	00000	FAST VAC	VACUUM PUMP OIL				0004	G
050	00000	CAPELLA	WF68 OIL				00012	G
050	03287	CALGON	CALCLEAN	00016		G	00016	G
050	18186	VIRGINIA KMP CO	SUNISO REFRIGERATION	00016		G	00016	G
050	03287	CALGON	CALCLEAN	00016		G	00016	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	00000	LUBRICONTE	SILICONE LUBRICANT				00018	Z
050	13978	KESTER SOLDER	KESTER SOLDERING PAS				0002	P
050	00000	X-ERGON	SUSTAIN DRY				0005	Z
050	00000	STAY SILV	FLUX				00030	Z
050	14634	UNION CARBIDE	ACETYLENE	0007		P	0007	P
050	07231	UNION CARBIDE	OXYGEN	6	1	P	6	P
050	14634	UNION CARBIDE	ACETYLENE	0007		P	0007	P
050	07226	UNION CARBIDE	ARGON	00010		P	00010	P
050	07231	UNION CARBIDE	OXYGEN	6	1	P	6	P
050	09094	LIQUID CARBONIC	PROPANE	2		G	0002	G
050	00000	CRC CHEMICALS U	CRC LECTRA CLEAN				0001	G
050	06732	UNION	DIESEL 2				0001	G
050	07782	WD40	WD40 SPRAY CANS	00012		Z	00012	Z
050	00000	STP CORP	STP OIL TREATMENT				0006	Z
050	00000	PERMATEX INDUST	FORM A GASKET				00012	P
050	18835	SPRAYON PRODUCT	00603 BLUE LAYOUT FL				00012	Z
050	07536	LOCTITE CORP	SAFETY SOLVENT 75559	00012		Z	00012	Z
050	05526	PENNWALT	PENETRATING OIL NO.1	00012		Z	00012	Z
050	10708	SPRAYON PRODUCT	217 DRY FILM VYDAX M				0006	Z
050	14245	PENNWALT	BD-2 BELT DRESSING S				0006	Z
050	09863	LOCTITE CORP	747-47 747-56 LOCQUI	00012		Z	00012	Z
050	00000	ASHLAND CHEMICA	MICROFINISH				0006	Z
050	12388	IMS CO	SILICONE PARTING AGE	00010		Z	00010	Z
050	00000	LOCTITE CORP	LOCTITE SEALANT				00012	Z
050	14245	PENNWALT	BD-2 BELT DRESSING S				0006	Z
050	00000	WATCO	DANISH OIL FINISH				0002	G
050	00000	MASURY COLUMBIA	FURNITURE POLISH				0001	G
050	00000	DEFT	CLEAR WOOD FINISH				0001	G
050	14538	SYNKOLOID CO	SYNKOLOID SPACKLING	2		Z	0002	Z
050	00000	UNITED CILSONIT	SATIN WOOD STAIN				0002	Z
050	07895	KOPPERS	P-441P COMP G YELLOW	0008		Z	0008	Z
050	15892	BOYLE-MIDWAY	PLASTIC WOOD CELLULO	1		Z	0001	Z
050	00000	DECRATREND CORP	TT L20A LACQUER				00012	Z
050	13618	THREE M	3M BRAND SUPER ADHES	0006		Z	0006	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	11180	PERMATEX INDUST	PLASTIC CLEANER	0001		Z	0001	Z
050	00000	ZEHRUNG CORP	ZERACOL SOLVENT				0001	Z
050	00000	NATIONAL CHEMSE	782 PEDESTAL ADHESIV				0001	G
050	05848	EASTERDAY SUPPL	90132 SUPERLATIVE FU	6	1	Z	6	Z
050	00000	W W HENRY CO	430 FLOOR TILE ADHES				0004	G
050	14501	STANDARD BRANDS	LATEX FLOOR COVERING	1		G	0001	G
050	00000	CONSEAL INC	50C FLOOR ADHESIVE				0001	G
050	00000	BENJAMIN MOORE	WALL GRIP LATEX SEAL				0001	G
050	00000	W W HENRY CO	532 SPRAY BLACK 2				0001	G
050	00000	W W HENRY CO	137 ACOUSTI GUM				0006	G
050	12981	FREEMAN MFG & S	WHITE COLD GLUE (MED	0006		G	0006	G
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	GENERAL ELECTRI	SILICONE 2 SEALANT				0006	Z
050	00000	COLOR TILE SUPE	CEMENT REMOVER				0001	Z
050	00000	FORMICA CORP	100 ADHESIVE				0001	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0006	G
050	00000	COLUMBIA RIBBON	CLEAN HANDS CLEANER				0002	Z
050	17940	SBS PRODUCTS IN	SBS-33 WATERLESS SKI	0001		Z	0001	Z
050	00000	ESTERBROOK PEN	T104 FLOMASTER BLACK				0001	G
050	00000	FRAZEE PAINT AN	5202M ENAMEL				0001	G
050	00000	FRAZEE PAINT AN	1817 BEACH ENAMEL				0001	G
050	00000	FRAZEE PAINT AN	154V ENAMEL				0001	G
050	00000	SINCLAIR PAINT	4286 ROMAN RED				0001	G
050	00000	SINCLAIR PAINT	1209 TOLUDINE RED				0001	G
050	00000	SINCLAIR PAINT	20015652-4385 PAINT				0004	G
050	00000	SINCLAIR PAINT	8396 RUSTIC PAINT				0001	G
050	00000	SINCLAIR PAINT	1900 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6-6164 ENAMEL				00012	G
050	00000	SINCLAIR PAINT	LAC2655-750-ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7573 GREEN ENAMEL				0004	G
050	00000	SINCLAIR PAINT	365 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2006489 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	7530 ENAMEL				0004	G
050	00000	SINCLAIR PAINT	2655-570 LACQUER				0009	G
050	00000	SINCLAIR PAINT	1817 BEACH ENAMEL				0003	G
050	14460	SINCLAIR PAINT	LAC-O-RITE GLOSS BLA	2		G	0002	G
050	00000	SINCLAIR PAINT	83 RED ENAMEL				0005	G
050	00000	SINCLAIR PAINT	553T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	796T ENAMEL				0002	G
050	00000	SINCLAIR PAINT	136T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	200-16475 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	VX25-5798 VINYL ENAM				0001	G
050	00000	STERLING LACQUE	37038 BLACK LACQUER				0001	G
050	00000	SINCLAIR PAINT	NEVAOH CLAY ENAMEL				0001	G
050	00000	SINCLAIR PAINT	1300 ACRYLIC ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2625 LATEX ENAMEL				0001	G
050	14454	SINCLAIR PAINT	80 LINE FLOOR & DECK				0001	G
050	00000	SINCLAIR PAINT	7574 BLUE ENAMEL				0001	G
050	14459	SINCLAIR PAINT	4000 LINE AQUA SATIN	1		G	0001	G
050	00000	BENJAMIN MOORE	4BASE VINYL ENAMEL				0001	G
050	00000	SINCLAIR PAINT	26555-17110 LACQUER				0003	G
050	00000	SINCLAIR PAINT	162 YELLOW VINYL ENA				0001	G
050	00000	SINCLAIR PAINT	1700-819 VINYL ENAME				0001	G
050	14458	SINCLAIR PAINT	3309 COLORMATIC INTE	1		G	0001	G
050	00000	FRAZEE PAINT AN	515V ENAMEL				0003	G
050	00000	FRAZEE PAINT AN	5473M ENAMEL				0005	G
050	00000	FRAZEE PAINT AN	396T ENAMEL				0002	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	FRAZEE PAINT AN	398T ENAMEL				0003	G
050	00000	FRAZEE PAINT AN	5313M ENAMEL				0003	G
050	14452	SINCLAIR PAINT	LAC-O-RITE CLEAR SEM				0004	G
050	05555	SINCLAIR PAINT	2600 LINE NITROCELLU	0006		G	0006	G
050	00000	SINCLAIR PAINT	1704 VINYL ENAMEL				0003	G
050	00000	SINCLAIR PAINT	387 ACRYLIC ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655-744 LACQUER				00012	G
050	14455	SINCLAIR PAINT	3335 COLORMATIC LOW	3		G	0003	G
050	14453	SINCLAIR PAINT	131 HEAT RESISTANT I				0001	G
050	00000	SINCLAIR PAINT	2655-2656 LACQUER				0005	G
050	00000	SINCLAIR PAINT	236T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	1377 LATEX ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2480 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	160 VINYL ENAMEL				0002	G
050	00000	BORDEN INC	KRYLON SPRAY PAINT				00010	Z
050	00000	SINCLAIR PAINT	7519 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7533 ENAMEL				00024	G
050	14413	SINCLAIR PAINT	111 BURNT UMBER, ALL				0002	G
050	00000	SINCLAIR PAINT	7513 YELLOW ENAMEL				0003	G
050	00000	SINCLAIR PAINT	136T ENAMEL				0003	G
050	00000	SINCLAIR PAINT	7523 BLACK ENAMEL				0003	G
050	00000	SINCLAIR PAINT	7560-11774 ENAMEL				0009	G
050	00000	SINCLAIR PAINT	7572 ORANGE ENAMEL				0005	G
050	00000	SINCLAIR PAINT	7570 RED ENAMEL				0001	G
050	00000	SINCLAIR PAINT	200-19676 ENAMEL				00012	G
050	00000	SINCLAIR PAINT	200-18856-658T ENAME				00019	G
050	00000	SINCLAIR PAINT	200-1940 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	200-20132 ENAMEL				0002	G
050	00000	DECRATREND CORP	545041 ENAMEL				0001	G
050	00000	BENJAMIN MOORE	309-33 BLUE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	VX25-8838 VINYL ENAM				0009	G
050	00000	SINCLAIR PAINT	2200-15709 ENAMEL				0005	G
050	00000	SINCLAIR PAINT	7500-11774 ENAMEL				00019	G
050	00000	SINCLAIR PAINT	138T ENAMEL				0007	G
050	00000	SINCLAIR PAINT	136T ENAMEL				0005	G
050	00000	SINCLAIR PAINT	89 WALNUT ENAMEL				0008	G
050	13593	SINCLAIR PAINT	2200 LINE PORCELAIN	00014		G	00014	G
050	00000	SINCLAIR PAINT	7571 ENAMEL				0009	G
050	00000	SINCLAIR PAINT	7518 ENAMEL				0007	G
050	00000	SINCLAIR PAINT	7519 ENAMEL				0005	G
050	00000	SINCLAIR PAINT	7513 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7572 ENAMEL				0003	G
050	00000	SINCLAIR PAINT	MP2-16446 ENAMEL				0006	G
050	00000	SINCLAIR PAINT	MP2-16446 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	800-819PCS143 ENAMEL				0007	G
050	14464	SINCLAIR PAINT	800 LINE SINCO GLOSS	1		G	0001	G
050	00000	SINCLAIR PAINT	557-T2200 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2200-19676 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2200-15609 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655-8838 ENAMEL				0003	G
050	00000	DECRATREND CORP	7125079 ENAMEL				0009	G
050	00000	DECRATREND CORP	554V3306 ENAMEL				0004	G
050	15388	WESTERN SPECIAL	HORIZON GRAY LACQUER	1		G	0001	G
050	00000	SINCLAIR PAINT	2200-19676 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	176833-234V ENAMEL				0002	G
050	00000	SINCLAIR PAINT	300-7277 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	4442 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6 14397-138T ENAME				0001	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	SINCLAIR PAINT	220015609178T468 EMA				0007	G
050	00000	SINCLAIR PAINT	1815608176T462 ENAME				0006	G
050	00000	SINCLAIR PAINT	1100 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	22001855 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	160 WHITE ENAMEL				00011	G
050	00000	SINCLAIR PAINT	2001 WHITE ENAMEL				0003	G
050	00000	SINCLAIR PAINT	2655-5789 LACQUER				0001	G
050	00000	SINCLAIR PAINT	400-15696 ENAMEL				0005	G
050	00000	SINCLAIR PAINT	2611 CLEAR LACQUER				0001	G
050	00000	SINCLAIR PAINT	MG6-6182 ENAMEL				0002	G
050	14457	SINCLAIR PAINT	3300 COLORMATIC INTE	2		G	0002	G
050	00000	SINCLAIR PAINT	594V ENAMEL				0002	G
050	00000	SINCLAIR PAINT	236T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	ALKD ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2502643 ENAMEL				0005	G
050	00000	SINCLAIR PAINT	SIN MUSTANG ENAMEL				0002	G
050	00000	SINCLAIR PAINT	751001 WHITE LACQUER				0001	G
050	00000	SINCLAIR PAINT	TOP COAT ENAMEL				0001	G
050	00000	SINCLAIR PAINT	8002422 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	143 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	1100 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	153T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655-744 LACQUER				0009	G
050	00000	SINCLAIR PAINT	2655-2656 LACQUER				00013	G
050	00000	SINCLAIR PAINT	1800-15238-276T ENAM				0002	G
050	00000	SINCLAIR PAINT	GX63837 GRAY ENAMEL				00037	G
050	00000	SINCLAIR PAINT	1322 ACRYLIC ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2200-2259 ENAMEL				0004	G
050	00000	SINCLAIR PAINT	2200-293 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	MG6-6-61-62 ENAMEL				0008	G
050	00000	SINCLAIR PAINT	7500 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	3101 ACRYLIC ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7200 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655-744 LACQUER				0001	G
050	00000	SINCLAIR PAINT	2655-2656 LACQUER				0003	G
050	00000	SINCLAIR PAINT	2200-143 ENAMEL				00013	G
050	00000	SINCLAIR PAINT	2200-6489 ENAMEL				00013	G
050	00000	SINCLAIR PAINT	800-16833 ENAMEL				0004	G
050	05555	SINCLAIR PAINT	2600 LINE NITROCELLU	0006		G	0006	G
050	05555	SINCLAIR PAINT	2600 LINE NITROCELLU	0006		G	0006	G
050	00000	SINCLAIR PAINT	13001477PCS180 ENAME				0001	G
050	00000	SINCLAIR PAINT	SG816007 ENAMEL				0001	G
050	14478	SINCLAIR PAINT	2932 FLAT NAVAJO WHI	1		G	0001	G
050	00000	SINCLAIR PAINT	13006161 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	502-301 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7500 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	1700-16833-234V ENAM				0001	G
050	00000	SINCLAIR PAINT	2655-8838 LACQUER				0001	G
050	00000	SINCLAIR PAINT	1300-7277 ENAMEL				0004	G
050	00000	SINCLAIR PAINT	GX6-1268-PCS ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6-3837 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2200-3855 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2655-2656 LACQUER				0001	G
050	14458	SINCLAIR PAINT	3309 COLORMATIC INTE	1		G	0001	G
050	00000	SINCLAIR PAINT	7500-15583 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6-6164 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	200-2259 ENAMEL				0001	G
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON SPRAY PAINT				00010	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON RED SPRAY PAI				0002	Z
050	00000	WES GLO	BLACK PAINT				0001	Z
050	00000	SCREEN RITE	BLACK ENAMEL				00013	Z
050	00000	DANACOLOR	BLACK ENAMEL				0001	Q
050	00000	DOLFINITE PRODU	ART POSTER COLOR				0004	Q
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON SPRAY PAINT				00010	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON SPRAY PAINT				00010	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	EASTERDAY SUPPL	AMMONIA				000300	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	0006		G	0006	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	CLEAN SWEEP SUP	TUB SCRUB				000300	G
050	00000	UNIVERSAL LAB	UL444				000300	G
050	00000	ROYAL	AMMONIA				000300	G
050	00000	ROYAL	BLEACH				000300	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	0003		G	0003	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	0006		G	0006	G
050	13616	THREE M	3M BRAND TROUBLE SHO	0006		Z	0006	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	0006		Z	0006	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	0006		Z	0006	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	0006		Z	0006	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	0006		Z	0006	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	3		Q	0003	Q
050	00000	FULLER BRUSH	ANTI STATIC 0562				0003	I
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	00000	FRAZEE PAINT AN	5202M ENAMEL				0001	G
050	00000	FRAZEE PAINT AN	1817 BEACH ENAMEL				0001	G
050	00000	FRAZEE PAINT AN	154V ENAMEL				0001	G
050	00000	SINCLAIR PAINT	4286 ROMAN RED				0001	G
050	00000	SINCLAIR PAINT	1209 TOLUDINE RED				0001	G
050	00000	SINCLAIR PAINT	20015652 438T				0004	G
050	00000	SINCLAIR PAINT	8396 RUSTIC				0001	G
050	00000	SINCLAIR PAINT	1900 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6-6164 ENAMEL				00012	G
050	00000	SINCLAIR PAINT	LAC2655 750 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7573 GREEN ENAMEL				0004	G
050	00000	SINCLAIR PAINT	36T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2006489 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	7530 ENAMEL				0004	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	SINCLAIR PAINT	2655-750 LACQUER				0009	G
050	00000	SINCLAIR PAINT	1817 BEACH ENAMEL				0003	G
050	14460	SINCLAIR PAINT	LAC-O-RITE GLOSS BLA	2		G	0002	G
050	00000	SINCLAIR PAINT	83 RED ENAMEL				0005	G
050	00000	SINCLAIR PAINT	553T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	796T ENAMEL				0002	G
050	00000	SINCLAIR PAINT	136T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	200-16475 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	VX25-5798 VINYL ENAM				0001	G
050	00000	SINCLAIR PAINT	37038 BLACK LACQUER				0001	G
050	00000	SINCLAIR PAINT	NEVAOH CLAY ENAMEL				0001	G
050	00000	SINCLAIR PAINT	1300 ACRYLIC ENAMEL				0001	G
050	00000	SINCLAIR PAINT	262T LATEX ENAMEL				0001	G
050	14454	SINCLAIR PAINT	80 LINE FLOOR & DECK				0001	G
050	00000	SINCLAIR PAINT	7574 BLUE ENAMEL				0001	G
050	14459	SINCLAIR PAINT	4000 LINE AQUA SATIN	1		G	0001	G
050	00000	BENJAMIN MOORE	4BASE VINYL ENAMEL				0001	G
050	00000	SINCLAIR PAINT	26555-17110 LACQUER				0003	G
050	00000	SINCLAIR PAINT	162 YELLOW VINYL ENA				0001	G
050	00000	SINCLAIR PAINT	1700-819 VINYL ENAME				0001	G
050	14458	SINCLAIR PAINT	3309 COLORMATIC INTE	1		G	0001	G
050	00000	FRAZEE PAINT AN	515V ENAMEL				0003	G
050	00000	FRAZEE PAINT AN	5473M ENAMEL				0005	G
050	00000	FRAZEE PAINT AN	396T ENAMEL				0002	G
050	00000	FRAZEE PAINT AN	398T ENAMEL				0003	G
050	00000	FRAZEE PAINT AN	5313M ENAMEL				0003	G
050	00000	FRAZEE PAINT AN	2602 CLEAR LACQUER				0004	G
050	05555	SINCLAIR PAINT	2600 LINE NITROCELLU	0006		G	0006	G
050	00000	SINCLAIR PAINT	1704 VINYL ENAMEL				0003	G
050	00000	SINCLAIR PAINT	387 ACRYLIC ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655-744 LACQUER				00012	G
050	14455	SINCLAIR PAINT	3335 COLORMATIC LOW	3		G	0003	G
050	14453	SINCLAIR PAINT	131 HEAT RESISTANT I				0001	G
050	00000	SINCLAIR PAINT	2655-2656 LACQUER				0005	G
050	00000	SINCLAIR PAINT	236T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	1377 LATEX ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2480 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	160 VINYL ENAMEL				0002	G
050	00000	BORDEN INC	KRYLON SPRAY PAINT				00010	Z
050	00000	SINCLAIR PAINT	7519 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7533 ENAMEL				00024	G
050	14413	SINCLAIR PAINT	111 BURNT UMBER, ALL				0002	G
050	00000	SINCLAIR PAINT	7513 YELLOW ENAMEL				0003	G
050	00000	SINCLAIR PAINT	136-T ENAMEL				0003	G
050	00000	SINCLAIR PAINT	7523 BLACK ENAMEL				0003	G
050	00000	SINCLAIR PAINT	7560-11774 ENAMEL				0009	G
050	00000	SINCLAIR PAINT	7572 ORANGE ENAMEL				0005	G
050	00000	SINCLAIR PAINT	7570 RED ENAMEL				0001	G
050	00000	SINCLAIR PAINT	200-29676 ENAMEL				00012	G
050	00000	SINCLAIR PAINT	200-18856-658T ENAME				00019	G
050	00000	SINCLAIR PAINT	200-1940 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	200-20132 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	200-20699 ENAMEL				0001	G
050	00000	KOPPERS	26270 GRAY ENAMEL				0004	G
050	00000	DECRATREND CORP	545041 ENAMEL				0001	G
050	00000	BENJAMIN MOORE	309-33 BLUE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	VX25-8838 VINYL ENAM				0009	G
050	00000	SINCLAIR PAINT	2200-15609 ENAMEL				0005	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	SINCLAIR PAINT	7500-11774 ENAMEL				00019	G
050	00000	SINCLAIR PAINT	138T ENAMEL				0007	G
050	00000	SINCLAIR PAINT	136T ENAMEL				0005	G
050	00000	SINCLAIR PAINT	89 WALNUT ENAMEL				0008	G
050	13593	SINCLAIR PAINT	2200 LINE PORCELAIN	00014		G	00014	G
050	00000	SINCLAIR PAINT	7571 ENAMEL				0009	G
050	00000	SINCLAIR PAINT	7518 ENAMEL				0007	G
050	00000	SINCLAIR PAINT	7519 ENAMEL				0005	G
050	00000	SINCLAIR PAINT	7513 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7572 ENAMEL				0003	G
050	00000	SINCLAIR PAINT	MP2-16446-553T ENAME				0006	G
050	00000	SINCLAIR PAINT	MP2-16446-553T ENAME				0001	G
050	00000	SINCLAIR PAINT	800-819PCS143 ENAMEL				0007	G
050	14464	SINCLAIR PAINT	800 LINE SINCO GLOSS	1		G	0001	G
050	00000	SINCLAIR PAINT	557-T2200 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2200-19676 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2200-15609 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655-8838 ENAMEL				0003	G
050	00000	DECRATREND CORP	7125079 ENAMEL				0009	G
050	00000	DECRATREND CORP	554V3306 ENAMEL				0004	G
050	15388	WESTERN SPECIAL	HORIZON GRAY LACQUER	1		G	0001	G
050	00000	SINCLAIR PAINT	2200-19676 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	176833-234V ENAMEL				0002	G
050	00000	SINCLAIR PAINT	300-7277 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	4442 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6-14397-138T ENAME				0001	G
050	00000	SINCLAIR PAINT	220015609178T468 ENA				0007	G
050	00000	SINCLAIR PAINT	1815608176T462 ENAME				0006	G
050	00000	SINCLAIR PAINT	1100 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	22001855 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	160 WHITE ENAMEL				00011	G
050	00000	SINCLAIR PAINT	2001 WHITE ENAMEL				0003	G
050	00000	SINCLAIR PAINT	2655-5789 LACQUER				0001	G
050	00000	SINCLAIR PAINT	400-15696 ENAMEL				0005	G
050	00000	SINCLAIR PAINT	2611 CLEAR LACQUER				0001	G
050	00000	SINCLAIR PAINT	MG6-6182 ENAMEL				0002	G
050	14457	SINCLAIR PAINT	3300 COLORMATIC INTE	2		G	0002	G
050	00000	SINCLAIR PAINT	594V ENAMEL				0002	G
050	00000	SINCLAIR PAINT	236T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	ALKD ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2502643 ENAMEL				0005	G
050	00000	FRAZEE PAINT AN	SIN MUSTANG ENAMEL				0002	G
050	12974	FRAZEE PAINT AN	751 001 GLOS WHT LAC	1		G	1	G
050	00000	CAL WESTERN	TOP COAT ENAMEL				0001	G
050	00000	CAL WESTERN	8002422 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	143 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	1100 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	153T ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655-744 LACQUER				0009	G
050	00000	SINCLAIR PAINT	2655-2656 LACQUER				00013	G
050	00000	SINCLAIR PAINT	1800-15328-276T ENAM				0005	G
050	00000	SINCLAIR PAINT	GX63837 GRAY ENAMEL				00037	G
050	00000	SINCLAIR PAINT	1322 ACRYLIC ENAMEL				0001	G
050	00000	SINCLAIR PAINT	220-2259 ENAMEL				0004	G
050	00000	SINCLAIR PAINT	2200-293 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	MG6-6-61-62 ENAMEL				0008	G
050	00000	SINCLAIR PAINT	7500 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	3101 ACRYLIC ENAMEL				0002	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	SINCLAIR PAINT	7200 WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	2655-744 LACQUER				0001	G
050	00000	SINCLAIR PAINT	2655-2656 LACQUER				0003	G
050	00000	SINCLAIR PAINT	2200-143 ENAMEL				00013	G
050	00000	SINCLAIR PAINT	2200-6489 ENAMEL				00013	G
050	00000	SINCLAIR PAINT	800-16833 ENAMEL				0004	G
050	05555	SINCLAIR PAINT	2600 LINE NITROCELLU	0006		G	0006	G
050	05555	SINCLAIR PAINT	2600 LINE NITROCELLU	0006		G	0006	G
050	00000	SINCLAIR PAINT	130011477PCS180 ENAM				0001	G
050	00000	SINCLAIR PAINT	SG816007 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	WHITE ENAMEL				0001	G
050	00000	SINCLAIR PAINT	13006161 ENAMEL				0001	G
050	00000	FRAZEE INDUSTRI	502-301 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	7500 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	1700-16833-234V ENAM				0001	G
050	00000	SINCLAIR PAINT	2655-8838 LACQUER				0001	G
050	00000	SINCLAIR PAINT	1300-7277 ENAMEL				0004	G
050	00000	SINCLAIR PAINT	GX6-1268 PCS ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6-3837 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2200-1855 ENAMEL				0002	G
050	00000	SINCLAIR PAINT	2655-2656 LACQUER				0001	G
050	14458	SINCLAIR PAINT	3309 COLORMATIC INTE	1		G	0001	G
050	00000	SINCLAIR PAINT	7500-15583 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	GX6-6164 ENAMEL				0001	G
050	00000	SINCLAIR PAINT	200-2259 ENAMEL				0001	G
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	SPRAY PAINT				00010	Z
050	00000	BORDEN INC	KRYLON ENAMEL				0003	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	00000	BORDEN INC	RED SPRAY				0002	Z
050	00000	WES GLO	PAINT BLACK				000	Z
050	00000	BENJAMIN MOORE	23595 ENAMEL				0001	Z
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	0006		G	0006	G
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0006	G
050	00000	UNIVERSAL LAB	UL444				0006	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	0006		Z	0006	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	12060	RACON INC	RACON 22	0007		P	0007	P
050	00000	ALLIED CHEMICAL	FREON R 512				0003	P
050	03315	DUPONT	FREON 502	21		P	21	P
050	13490	ALLIED CHEMICAL	GENETRON 22 CHLORODI				00030	P
050	03311	DUPONT	FREON 13	0002		P	0002	P
050	03310	DUPONT	FREON 12				0002	P
050	11051	MATHESON GAS PR	ETHENE				0001	P
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	00000	UNIVERSAL LAB	UL444				0002	G
050	00000	ROYAL	AMMONIA				0002	G
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	UNION	ALUMINUM ROUTING OIL				0002	G
050	00000	UNION	HYDRAULIC OIL				0002	G
050	00000	UNION	TURBINE OIL				0002	G
050	10875	UNOCAL	WAY OIL HD 32	0002		G	0002	G
050	12662	CINCINNATI MILA	CIMPERIAL 1011	0002		G	0002	G
050	00000	UNION	TURBINE OIL				0002	G
050	00000	UNION	HYDRAULIC OIL				0002	G
050	10875	UNOCAL	WAY OIL HD 32	0002		G	0002	G
050	00000	UNION	LG3 GENL PUR GREASE				0002	P
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0002	G
050	00000	UNION	TURBINE 220				0002	G
050	00000	UNION	NL GEAR LUBE A6MA LU				0002	G
050	00000	UNION	MULT PURPOSE ATF OIL				0002	G
050	00000	UNION	HYDRAULIC 150 OIL				0002	G
050	00000	UNION	TURBINE 150 68 OIL				0002	G
050	12662	CINCINNATI MILA	CIMPERIAL 1011	0002		G	0002	G
050	00000	UNION	WAY OIL 68				0002	G
050	00000	UNION	HYDRAULIC AW15032 OI				0002	G
050	03571	UNION	MP GEAR LUBE LS 80W/	0002		G	0002	G
050	00000	UNION	20W/50				0002	G
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	0006		G	0006	G
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	0006		G	0006	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	0006		G	0006	G
050	00000	UNIVERSAL LAB	UL444				0002	G
050	00000	ROYAL	AMMONIA				0002	G
050	14643	UNITED STATES B	BORAXO POWDERED HAND	0006		Z	0006	Z
050	00000	UNION	ALUMINUM ROUTING OIL				0002	G
050	00000	UNION	HYDRAULIC OIL				0002	G
050	00000	UNION	TURBINE OIL				0002	G
050	10875	UNOCAL	WAY OIL HD 32	0002		G	0002	G
050	12662	CINCINNATI MILA	CIMPERIAL 1011	0002		G	0002	G
050	00000	UNION	TURBINE OIL				0002	G
050	00000	UNION	HYDRAULIC OIL				0002	G
050	10875	UNOCAL	WAY OIL HD 32	0002		G	0002	G
050	00000	UNION	LG3 GENL PUR GREASE				0002	P
050	00000	CLEAN SWEEP SUP	TUB SCRUB				0002	G
050	00000	UNION	TURBINE 220				0002	G
050	00000	UNION	NL GEAR LUBE A6MA				0002	G
050	00000	UNION	MULT PURPOSE ATF OIL				0002	G
050	00000	UNION	HYDRAULIC 150 AW68				0002	G
050	00000	UNION	TURBINE 150 68 OIL				0002	G
050	12662	CINCINNATI MILA	CIMPERIAL 1011	0002		G	0002	G
050	00000	UNION	WAY OIL 68				0002	G
050	00000	UNION	HYDRAULIC AW15032				0002	G
050	03571	UNION	MP GEAR LUBE LS 80W/	0002		G	0002	G
050	00000	UNION	20W/50				0002	G
050	03574	UNION	76 LEADED REGULAR GA				0005	G
050	00000	DRAKE STORAGE T	TANK 7000 GL				0007000	G
050	10989	HOLT LLOYD CORP	LPS ELECTRO CONTACT	0006		Z	0006	Z
050	10371	BIG THREE	OXYGEN (GAS)	4		P	0004	P
050	09912	COAST WELDING S	ACETYLENE (GAS)	4		P	0004	P
050	11053	MATHESON GAS PR	NITROGEN	4		P	0004	P
050	04911	BAKER CHEMICAL	TITANIUM	1		P	1	P
050	11085	BORDEN INC	1501 THRU 2505 MOST	000		P	000	P
050	00000	ANSUL FIRE PROT	FIRE EXT MODEL MX-30				1	G
050	05327	BEROL USA	FLASH FLING HIGHLIGH					
050	11217	ANSUL FIRE PROT	CARBON DIOXIDE					
050	00000	GENERAL FIRE EX	FIRE EXT MOD 20RH					

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	11085	BORDEN INC	1501 THRU 2505 MOST			Z		Z
050	11085	BORDEN INC	1501 THRU 2505 MOST			Z		Z
050	11085	BORDEN INC	1501 THRU 2505 MOST			Z		Z
050	00000	C FIRE EQUIPTME	MOD PSH 20 EXTINGUIS	1		G	0001	G
050	00000	GENERAL PACIFIC	MOD 20AKR EXTINGUISH	1		G	0001	G
050	00000	MOOR-FITE INC	MOD CD 15 EXTINGUISH	1		G	0001	G
050	08346	BRUSH WELLMAN I	BERYLLIUM COPPER	1000		P	1000	P
050	04911	BAKER CHEMICAL	TITANIUM	9999		P	9999	P
050	11085	BORDEN INC	1501 THRU 2505 MOST			Z		Z
050	11085	BORDEN INC	1501 THRU 2505 MOST			Z		Z
050	22904	TURCO PRODUCTS	TURCO 6646	1		G	1	G
050	22904	TURCO PRODUCTS	TURCO 6646	1		G	1	G
050	00000	KOREC TYPE	TYPEWRITER RIBBONS	12		G	00012	G
050	00000	KOREC TYPE	CORRECTING TYPEWRITE	12		G	00012	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G		
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	40	1	Z	1	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	20		Z		
050	11013	FULLER BRUSH	INDUSTRIAL DISINFECT	20		Z		
050	17347	FULLER BRUSH	INDUSTRIAL INSECT SP	20		Z		
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	6		G		
050	07820	MATHESON GAS PR	AMMONIA	6		G		
050	13616	THREE M	3M BRAND TROUBLE SHO	30		Z		
050	14644	UNITED STATES B	BORAXO LIQUID LOTION	4		G		
050	14643	UNITED STATES B	BORAXO POWDERED HAND	30		Z		
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	6	Z
050	00000	SINCLAIR PAINT	200-19676 ENAMEL	1	1	G	12	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6		Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	1	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	6	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	6	1	G	6	G
050	00000	ROYAL	AMMONIA	6	1	G	6	G
050	00000	ROYAL	BLEACH	6	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	6	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	6	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	2	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	00000	FULLER	RUG CLEANER	1	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	11	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	00000	EASTERDAY SUPPL	AMMONIA	1	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	00000	ROYAL	AMMONIA	1	1	G	6	G
050	00000	ROYAL	BLEACH	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	1	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6	1	Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6		G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3		G	3	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6		G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6		Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6		Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6		Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6		Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	.	Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6		G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3		G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6		G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6		Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6		Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6		Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6		Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6		Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6		G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3		G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6		G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6		Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6		Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6		Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6		Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6		Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6		G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3		G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6		G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6		Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6		Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6		Z	6	Z

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6		Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6		Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6		G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3		G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6		G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6		Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6		Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6		Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6		Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6		Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6		G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3		G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6		G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6		Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6		Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6		Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6		Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6		Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6		G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3		G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6		G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6		Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6		Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6		Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6		Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6		Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6		G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3		G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6		G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6		Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6		Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6		Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6		Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6		Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6		G	6	G
050	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				6	G
050	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3		G	3	G
050	05423	EASTERDAY SUPPL	EASTERDAY SK45	6		G	6	G
050	13616	THREE M	3M BRAND TROUBLE SHO	6		Z	6	Z
050	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6		Z	6	Z
050	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6		Z	6	Z
050	11012	FULLER BRUSH	INDUSTRIAL INSECT SP	6		Z	6	Z
050	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6		Z	6	Z
050	10763	FULLER BRUSH	DUST ABSORBER 9178	6		Z	6	Z
050	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6		Z	6	Z
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	04542	UNITED STATES B	BORAXO WATERLESS HAN	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				2	G
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				2	G
050	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6		G	6	G
050	14644	UNITED STATES B	BORAXO LIQUID LOTION				2	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI				2	G
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6		Z	6	Z
050	00000	UNION OIL CO	ALUMINUM ROUTING OIL				2	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				2	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3				4	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6		G	6	G
050	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6		G	6	G
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
050	22479	FULLER BRUSH	DUST ABSORBER 9178	2	1	Z	10	
050	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
050	23904	COLGATE PALMOLI	INSTITUTIONAL AJAX D	2	1	Z	15	Z
050	14644	UNITED STATES B	BORAXO LIQUID LOTION	4	2		12	
050	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	4	G	12	Z
050	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	6	4	G	12	

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
050	07820	MATHESON GAS PR	AMMONIA	6	4	G	10	G
050	14634	UNION CARBIDE	ACETYLENE	7		P	7	P
050	07231	UNION CARBIDE	OXYGEN	6	1	P	6	P
050	14634	UNION CARBIDE	ACETYLENE	7		P	7	P
050	07231	UNION CARBIDE	OXYGEN	6	1	P	6	P
050	14634	UNION CARBIDE	ACETYLENE	7		P	7	P
050	07231	UNION CARBIDE	OXYGEN	6	1	P	6	P
050	14634	UNION CARBIDE	ACETYLENE	7		P	7	P
050	07231	UNION CARBIDE	OXYGEN	6	1	P	6	P
050	00000	W W HENRY CO	532 SPRAY BLACK 2 SE	24	12	Z	100	Z
050	07782	WD40	WD40 SPRAY CANS	12		Z	12	Z
050	12974	FRAZEE PAINT AN	751 001 GLOS WHT LAC	15		G	50	G
050	11085	BORDEN INC	1501 THRU 2505 MOST	2000		Z	2000	Z
050	19045	ASHLAND CHEMICA	GLYCERINE, SYNTHETIC	1		G	1	G
050	07054	BORDEN INC	KRYLON 1602 ULTRA FL	200		Z	200	Z
050	10238	CHASE CHEMICAL	ISOPROPYL ALCOHOL	1		G	1	G
050	11291	INDEPENDENT INK	73X RECONDITIONER	2		Q	2	Q
050	13600	SPRAYON PRODUCT	00603 BLUE LAYOUT FL	2		Q	2	Q
050	03076	INDEPENDENT INK	73X MARKING INK (ALL	1		I	1	I
051	12223	BALL INDUSTRIES	D O C DISINFECTANT C	4	4	G	20	Z
053	06875	BORTZ OIL	BASE OIL C	55		G	55	G
053	20994	UNOCAL	WAY OIL HD 68	400	300	G	4000	G
053	10874	UNOCAL	TURBINE OIL 22	400	300	G	2000	G
053	17683	CINCINNATI MILA	CIMSTAR QUAL STAR	400	300	G	1500	G
053	19028	UNOCAL	UNOCAL TURBINE OIL 3	500	400	G	3000	G
053	03556	UNION	ATF DEXRON II	200	100	G	500	G
053	03571	UNION	MP GEAR LUBE LS 80W/	80	60	G	300	G
053	19025	UNOCAL	UNOCAL HYDRAULIC OIL	700	500	G	4500	G
053	23581	UNOCAL	HYDRAULIC OIL AW 68	600	400	G	4000	G
053	19025	UNOCAL	UNOCAL HYDRAULIC OIL	800	500	G	4500	G
053	10875	UNOCAL	WAY OIL HD 32	600	450	G	4000	G
053	20804	UNOCAL	TURBINE OIL 220	600	400	G	4000	G
053	09706	UNOCAL	UNOCAL TURBINE OIL 1	600	400	G	4000	G
053	14681	VIBRA FINISH	VF-111					
053	10874	UNOCAL	TURBINE OIL 22	110	75	G	220	G
053	00000	EASTERDAY SUPPL	AMMONIA	1	1	Z	6	G
053	07820	MATHESON GAS PR	AMMONIA	6	1	G	6	G
053	00000	ROYAL	AMMONIA	1	1	G	6	G
053	00000	ROYAL	BLEACH	1	1	G	6	G
053	00000	FULLER BRUSH	ANTI STATIC 0562	1	1	G	6	Z
053	00000	CRC CHEMICALS U	CRC LECTRA CLEAN				1	G
053	04911	BAKER CHEMICAL	TITANIUM	1		P	1	P
053	11085	BORDEN INC	1501 THRU 2505 MOST	000		P	000	P
053	12974	FRAZEE PAINT AN	751 001 GLOS WHT LAC	1		G	5	G
053	10039	CAL TEK INDUSTR	STEAMITE PLUS	100		G	300	G
053	16194	ASHLAND CHEMICA	TECTYL 900	55		G	200	G
053	07302	ICI AMERICAS IN	APC-2					
053	07402	ROHM AND HAAS C	PLEXIGLAS ACRYLIC SH					
053	05327	BEROL USA	FLASH FLING HIGHLIGH					
053	11097	DYKEM CO	DYKEM LAYOUT FLUIDS					
053	11216	ANSUL FIRE PROT	MET-L-X DRYPOWDER EX					
053	11217	ANSUL FIRE PROT	CARBON DIOXIDE					
053	00000	GENERAL FIRE EX	FIRE EXT MOD 20RH					
053	05030	JOSEPH DIXON CR	200-10 GRAPHITE					
053	13798	CIBA-GEIGY CORP	AEROLAM GRAPHITE TOO					
053	17785	EAGLE-PICHER	FLOOR DRY,SUPER FINE	200	100	P	1000	P
053	11085	BORDEN INC	1501 THRU 2505 MOST	0001		Z	0001	Z
053	07302	ICI AMERICAS IN	APC-2	00020		G	00020	G

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
053	11085	BORDEN INC	1501 THRU 2505 MOST	00025		Z	00025	Z
053	11085	BORDEN INC	1501 THRU 2505 MOST	108		Z		Z
053	06875	BORTZ OIL	BASE OIL C	55		G	55	G
053	06292	CALAC	C176	16		Z	8	Z
053	10238	CHASE CHEMICAL	ISOPROPYL ALCOHOL	3		G	5	G
053	13600	SPRAYON PRODUCT	00603 BLUE LAYOUT FL	20		Z		
053	11813	STABOND	T 197	32		Z	16	Z
053	16363	TURCO PRODUCTS	6646	32		Z	32	Z
053	07782	WD40 CO	WD40 SPRAY CANS	18		Z	18	Z
053	14383	SHIELD PACKAGIN	CHLOROTHENE CLEANER	12		Z	12	Z
053	14384	SHIELD PACKAGIN	RUST PREVENTOR	6		Z	6	Z
053	00000	LASC-BURBANK	SKIN SCRATCH TEST KI	16		Z	8	Z
053	00000	TRI-ESS SCIENCE	GLYCERIN	2		Z	2	G
053	00000	INTERNATIONAL P	MICRO CLEANER	3		G	1	G
053	00000	SPECIALTY COATI	Z212 GRANITE SURFACE	21		P	21	P
053	00000	SYSTEMS SCIENTI	ALLOY DETECTOR KIT	60		Z	60	Z
053	10238	CHASE CHEMICAL	ISOPROPYL ALCOHOL	2		G	2	G
053	10871	UNION OIL CO	HYDRAULIC AW150 32 O				2	G
053	10873	UNION OIL CO	HYDRAULIC OIL				2	G
053	09706	UNOCAL	UNOCAL TURBINE OIL 1				2	G
053	12831	UNOCAL	UNOCAL WAY OIL HD 68				2	G
053	05331	CRC CHEMICALS U	LECTRA CLEAN 02017 &				1	G
053	00000	TRI-ESS SCIENCE	GLYCERIN	1		G	1	G
053	03098	RUST LICK	606	1		G	1	G
053	00000	LOCTITE CORP.	NAVAL JELLY	1		I	1	I
053	10119	ALTANA INC BYK	WHITE PETROLATUM USP	1		P	1	P
053	14644	UNITED STATES B	BORAXO LIQUID LOTION	1		G	1	G
053	09909	DOALL CO	KLEEN KOOL	55		G	200	G
053	19168	UNOCAL	UNOCAL ROUTING OIL A	165		G	165	G
053	12832	UNOCAL	UNOCAL WAY OIL HD 22	300		G	300	G
053	12831	UNOCAL	UNOCAL WAY OIL HD 68	300		G	300	G
053	19517	HAYNES INTERNAT	HAYNES ALLOY NO. 188	800		P	800	P
053	10058	CHASE CHEMICAL	KEROSENE	330		G	330	G
053	11085	BORDEN INC	1501 THRU 2505 MOST	25	3	Z	25	Z
053	19306	WD-40 CO	WD-40 AEROSOL	2	2	Z	2	Z
053	20378	SPECIALTY COATI	Z212 GRANITE SURFACE	2	3	K	2	Z
053	22904	TURCO PRODUCTS	TURCO 6646	5	1	G	5	Z
053	10238	CHASE CHEMICAL	ISOPROPYL ALCOHOL	5	1	G	5	Z
053	23319	INTERNATIONAL P	MICRO	2	1	G	2	G
053	22911	SYSTEMS SCIENTI	KIT-"A" & 17 FOR ALL	64	3	Z	1	G
053	13600	SPRAYON PRODUCT	00603 BLUE LAYOUT FL	1	1	G	64	Z
053	20551	STABOND	T 197 (X-1136)	3	3	I	3	I
053	12422	BAKER CHEMICAL	HYDROFLUORIC ACID	2	3	Z	2	Z
053	99193	LASC	C312 SOLUTION #1	3	3	G	3	Z
053	21487	LASC	C176 PART A	16	4	Z	8	Z
053	19045	ASHLAND CHEMICA	GLYCERINE, SYNTHETIC	2	2	G	64	Z
053	14383	SHIELD PACKAGIN	CHLOROTHENE CLEANER	12	6	Z	12	Z
053	14384	SHIELD PACKAGIN	RUST PREVENTOR	12	6	Z	12	Z
053	12433	BAKER CHEMICAL	NITRIC ACID	16	3	Z	8	Z
053	21470	ITW DEVCON CORP	RUSTLICK 606	1	1	G	32	Z
053	11015	FULLER BRUSH	INDUSTRIAL INSECT SP	12	12	Z	12	Z
053	14643	UNITED STATES B	BORAXO POWDERED HAND	80	32	Z	3	Z
053	10119	ALTANA INC BYK	WHITE PETROLATUM USP	32	12	Z	8	Z
053	12223	BALL INDUSTRIES	D O C DISINFECTANT C	1	1	G	1	G
053	14644	UNITED STATES B	BORAXO LIQUID LOTION	64	242	Z	64	Z
053	08022	LOCTITE CORP	DURO TM NAVAL JELLY	32	16	Z	16	Z
053	07602	UNITED POLYMER	FLUROGREEN E110 E60	000		G	000	G
053	08346	BRUSH WELLMAN I	BERYLLIUM COPPER					

BLDG	MSDS#	MANUFACTURER	TRADE NAME	MAX-ONH	AVG-ONH	U	ANN-USE	U
053	07111	AMPCO METAL	COPPER BASE ALLOY CA	000		G	000	G
053	07111	AMPCO METAL	COPPER BASE ALLOY CA	000		G	000	G
053	14004	KORECTYPE	CORRECTION MATERIAL					
053	14003	KORECTYPE	CORRECTABLE FILM RIB					
053	07402	ROHM AND HAAS C	PLEXIGLAS ACRYLIC SH	000		G	000	G
053	09959	SYNTHANE TAYLOR	CURED PHENOLIC AND C	000		G	000	G
053	11394	BARR W. M. & CO	MARKER BOARD CLEANER				16	Z
053	08024	MYKROY/MYCALEX	GLASS BONDED MICA (C	10		P	10	P
053	10199	MANVILLE	MARINITE I	50		P	50	P
053	07275	DYNAMIT NOBEL A	TROVIDUR T-160 (UNPL	10		P	10	P
053	15181	HARRIS/3M DPI	6215 BLACK DEVELOPER					
053	09959	SYNTHANE TAYLOR	CURED PHENOLIC AND C	000		G	000	G
053	07370	DUPONT	LUCITE L CAST ACRYLI	000		G	000	G
053	07111	AMPCO METAL	COPPER BASE ALLOY CA	000		G	000	G
053	08346	BRUSH WELLMAN I	BERYLLIUM COPPER	1		P	1	P
053	10039	CAL TEK INDUSTR	STEAMITE PLUS	100		G	500	G
053	09909	DOALL CO	KLEEN KOOL	55		G	200	G
053	17683	CINCINNATI MILA	CIMSTAR QUAL STAR	1100		G	4400	G
053	04917	BRAY OIL CO	BRAYCOTE 194 MIL-C-1	55		G	55	G
053	00000	HARRIS/3M	BLACK TONER FOR 6215	1		P	5	P
053	10907	IMPERIAL MANUFA	ACTIVATED BLEACH	6	1	G	6	G
053	12223	BALL INDUSTRIES	D O C DISINFECTANT C	6	1	G	6	G
053	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
053	14643	UNITED STATES B	BORAXO POWDERED HAND	6	1	Z	6	Z
053	19868	UNITED STATES B	BORAXO WATERLESS HAN	6	1	G	6	G
053	04000	COLGATE PALMOLI	AJAX CLEANSER INSTIT	6	1	Z	6	Z
053	16808	GENERAL CHEMICA	BLUE TILE CLEANER #3	1	1	Z	6	G
053	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	1	1	G	6	G
053	12874	FULLER BRUSH	INDUSTRIAL RUG SHAMP	3	1	G	3	G
053	05423	EASTERDAY SUPPL	EASTERDAY SK45	6	1	G	6	G
053	13616	THREE M	3M BRAND TROUBLE SHO	6	1	Z	6	Z
053	11019	FULLER BRUSH	LEMON CARNAUBA POLIS	6	1	Z	6	Z
053	11018	FULLER BRUSH	MULTIPURPOSE CLEANER	6	1	Z	6	Z
053	12873	FULLER BRUSH	STAINLESS STEEL CLEA	6	1	Z	6	Z
053	10763	FULLER BRUSH	DUST ABSORBER 9178	6	1	Z	6	Z
053	15134	FULLER BRUSH	SPRAY'N FRESH (9028)	6	1	Z	6	Z
053	10178	MERIT GROUP INC	SQUARE GENERIC BLEAC	6	1	G	6	G
053	07820	MATHESON GAS PR	AMMONIA	4	2	G	8	G
053	12223	BALL INDUSTRIES	D O C DISINFECTANT C	4	2	G	10	Z
053	10905	HANSON-LORAN CH	UL 444 UNISCALE (ACI	4	2	G	10	
053	14644	UNITED STATES B	BORAXO LIQUID LOTION	4	2		8	
053	11085	BORDEN INC	1501 THRU 2505 MOST	72		Z	72	Z
053	17785	EAGLE-PICHER	FLOOR DRY,SUPER FINE	1600	25	P	11000	P
053A	15257	KOOLMIST DIV. O	FORMULA 78	55	40	G	300	G
053A	00000	PORT PLASTICS	TEFLON	20		P	50	P

TABLE E

UNIT CODE

CODE	LIQUID UNITS
E	MILLILITER
G	GALLON
H	HALF PINT
I	PINT
L	LITER
Q	QUART
Z	FLUID OUNCE

CODE	SOLID WEIGHT UNITS
A	GRAM
K	KILOGRAM
M	MILLIGRAM
P	POUND
T	TON
W	WEIGHT OUNCE

SOLID WEIGHT UNITS CAN BE USED FOR THOSE MATERIALS IN ROLLS SUCH AS FABRICS, WOVEN GLASS/FIBER, STRUCTURAL ADHESIVES, TAPE, INSULATION, FILM, ETC.

THE VOLUME UNITS CAN ONLY BE USED FOR COMPRESSED GASES

CODE	VOLUME UNITS
C	CUBIC CENTIMETER
F	CUBIC FOOT
N	CUBIC INCH
Y	CUBIC YARD

06/92 For questions regarding a specific product, contact the ESH Data Center on Ext. (124) 3347 or 2278 in Palmdale.

Attachment 5 for Lockheed Response to Item 8.

EPA Request for Information

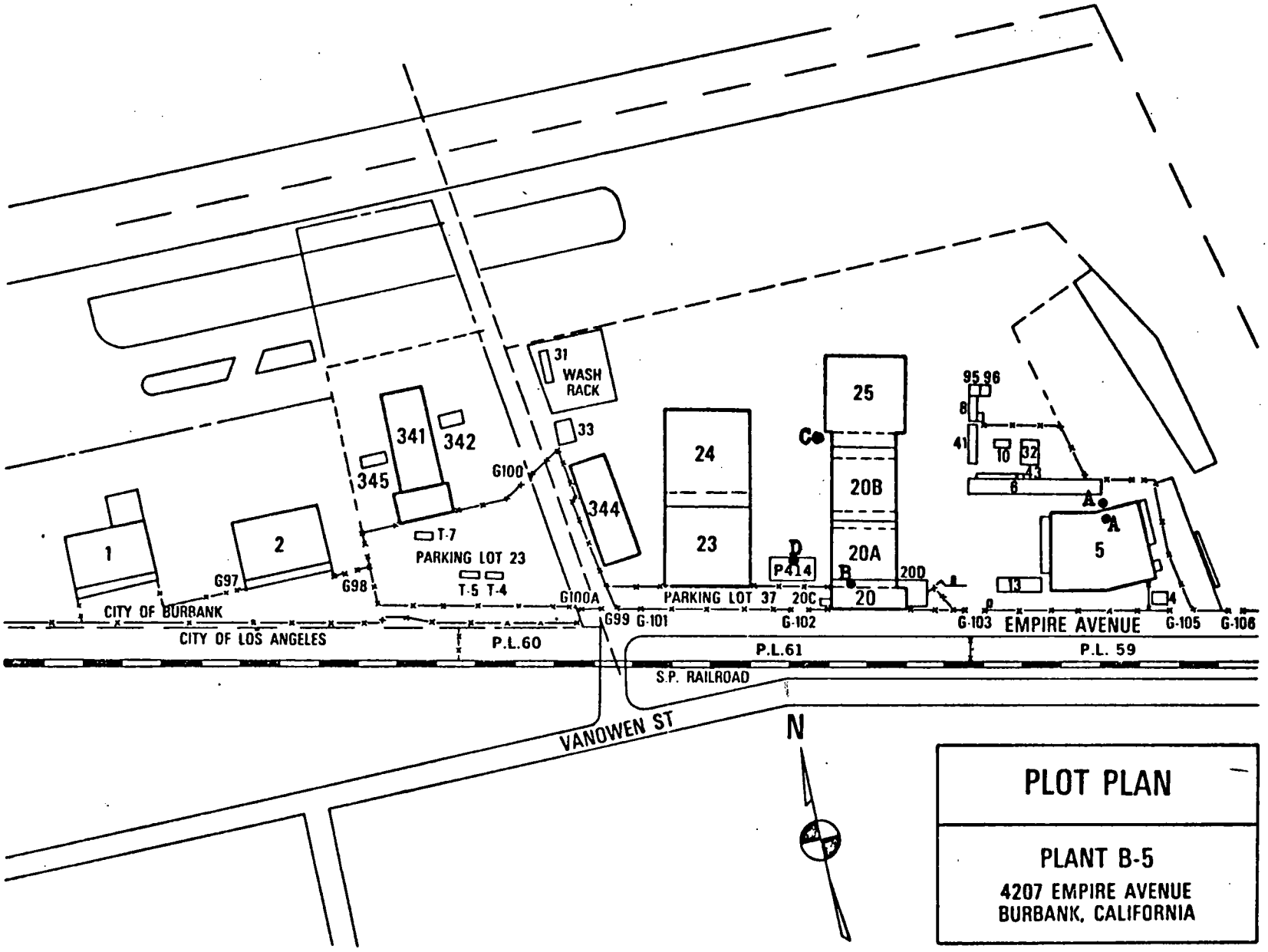
Plant C-1 and Bldg. 528

LOCKHEED CALIFORNIA COMPANY

PLANT B-5

INDUSTRIAL WASTE SURVEY - PHASE I

CHEMICAL PROCESSING FACILITIES



Industrial Waste Control
Plant Survey
General Tank Location Plan
Plant B - 5

REV. 1 _____
REV. 2 _____

FIRM NAME Lockheed California Company INSTALLATION ADDRESS P. O. Box 551, Burbank
PERMIT NO. 352 ISSUED 10 - 8 -68 TREATMENT FACILITY _____
FIRM REPRESENTATIVE - PLANT LAYOUT Plant B - 5 CHEMICALS _____

REMARKS _____

WATER CONSUMPTION _____ EST. DISCHARGE _____

TANK NO.	PROCESS SERVICE	TANK VOLUME GALLONS	HAUL-OUT DATES, SCH	pH	CHEMICAL CONSTITUENTS GEN. CHEM. COMP.	CHARGE LBS, Be', GALS, ETC	PROPRI MATE ARC
Facility : Manufacturing Research Chemical Processing - Bldg. 5 - Column 28							
A_1	Deminer. Cation	50	*		D.I. H_2O Regen. HCl	6.5 gals	
A_2	Anion	50	*		D.I. H_2O Regen. Na_2CO_3	16.0 lbs	
A_3	Water Softener	40	*		Regen. Na Cl	50.0 lbs	
A_4	Electro Chem Mach.	500	As required		NaCl $NaNO_3$	0.85 lbs/gal 0.21 lbs/gal	
A_5	Alkaline Clean	275	Once a year	10.2	Nuvat	10 - 14 oz/gal	Wyandot
A_6	Rinse Spray		*	7.6	Tap H_2O		
A_7	Pickle	200	Every 2 years	<1	HNO_3 HF	38 - 52 oz/gal 2.3 - 3.4 oz/gal	
A_8	Rinse, Imm Spray	275	*	6.2	D.I. H_2O		
A_9	Vapor Degreaser	50	If leaking	6.4-10.5	Trichloro-ethylene		
A_{10}	Develop. Tanks (4)	20(ea)	As required		CrO_3, Alk. Cleaner, H_2O	Concentr. not known - Used experimentally	
A_{11}	Develop. Tanks (3)	100(ea)	As required		Various Chemicals	Concentr. not known - Used experimentally	
Facility: Metal Bond Process Line - Bldg. 20A - Column 107							
B_1	Deminer. Cation	60	*		D. I. H_2O Regen. HCl	60 lbs	
B_2	Anion	60	*		D. I. H_2O Regen. Na_2CO_3	15 lbs	
B_3	Water Softener	40	*		Regen. NaCl	Replaced by Contract	
B_4	Alkaline Clean	150	Once a year	8.5	Alkalume #13	6 - 10%	
B_5	Rinse, Immm	150	*	7.5	D. I. H_2O		
B_6	Acid Etch	150	Once a year	<1	H_2SO, Conc $Na_2Cr_2O_7 \cdot 2H_2O$	10 parts ± 10% by Wt. 1 part ± 10% by Wt.	
Facility : Spedial Projects - Magnetic Particle Process Control - Bldg. 20B (X-Ray Lab)							
C_1	Magn. Part. Unit	250	Replenish only		Solvent #1207 or #140 - 66		

* Haul-out report not required
[illegible] 11/6/70

REV. 1 _____
REV. 2 _____

FIRM NAME Lockheed California Company INSTALLATION ADDRESS P. O. Box 551, Burbank
PERMIT NO. 352 ISSUED 10 - 8 -68 TREATMENT FACILITY _____
FIRM REPRESENTATIVE - PLANT LAYOUT Plant B-5 CHEMICALS _____

REMARKS _____

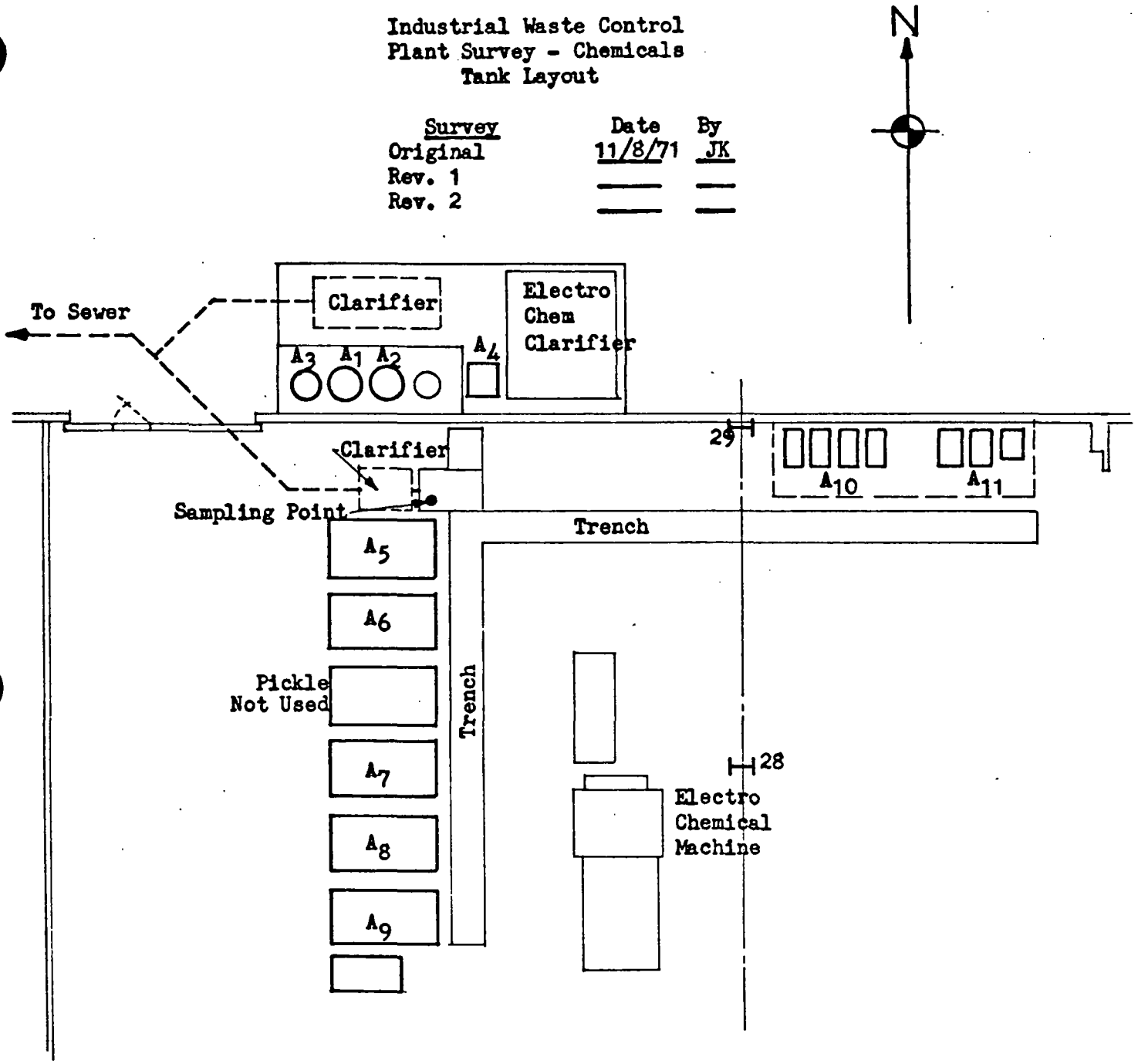
WATER CONSUMPTION _____ EST. DISCHARGE _____

TANK NO.	PROCESS SERVICE	TANK VOLUME GALLONS	HAUL-OUT DATES, SCH	pH	CHEMICAL CONSTITUENTS GEN. CHEM. COMP.	CHARGE LBS, Be', GALS, ETC	PROPRIETARY MATERIAL MFG.
Facility: Special Projects Chemical Processing - Bldg. P 414							
D_1	Vapor Degreaser	300	Only if Leaking	6.4-10.5	1,1,1 Tri-chloroethane		
D_2	Alkaline Clean	500	Once year	9.8	Nuvat	10 - 14 oz/gal	Wyandot
D_3	Alkeline Clean	5,000	Every 2 years	9.8	Altrex #1097	6 - 8 oz/gal	Wyandot
D_4	Rinse Spray		*	7.6	Tap H_2O		
D_5	Deoxidizer	5,000	Every 2 years	<1	Oakite #34 CrO_3	6 - 16 oz/gal 0.6 - 1.8 %	Oakite
D_6	Pickle	500	Every 6 mos	<1	CrO_3 Na NO_3	20 - 25 oz/gal 3 - 5 oz/gal	
D_7	Rinse Spray		*	7.6	Tap H_2O		
D_8	Conversion Coat	500	*	1.5	Alodine #600	1 - 3 oz/gal	Amchem
D_9	Conversion Coat	5,000	*	2.1	Alodine #1200S	1 - 3 oz/gal	Amchem
D_{10}	Rinse Immersion	5,000	*	5.5-6.8	D. I. H_2O		

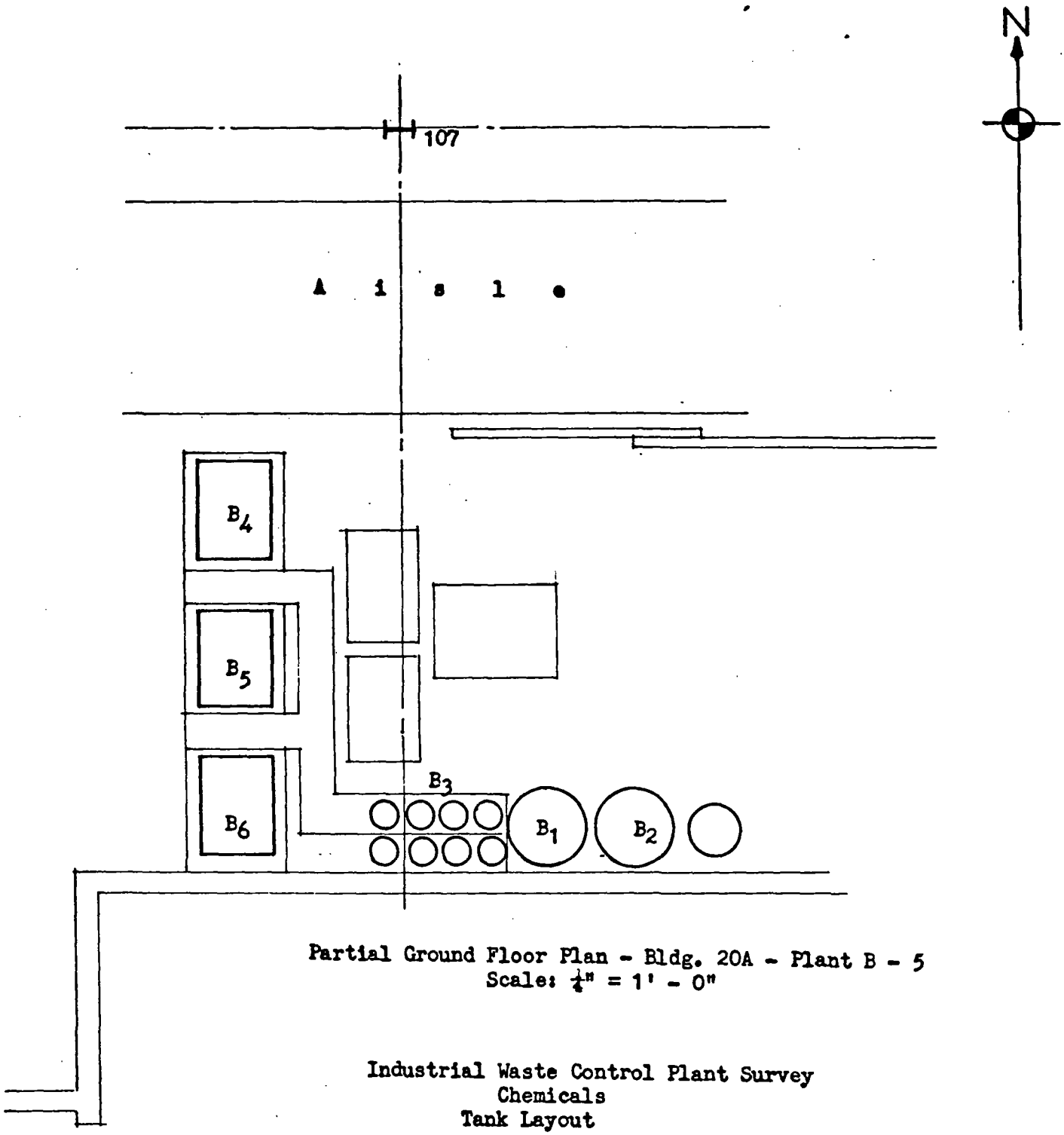
* Haul-out report not required
CRT:hh 11/6/70

Industrial Waste Control
Plant Survey - Chemicals
Tank Layout

Survey	Date	By
Original	11/8/71	JK
Rev. 1		
Rev. 2		



Partial Ground Floor Plan - Bldg. 5 - Plant B - 5
Scale: 1/8" = 1' - 0"



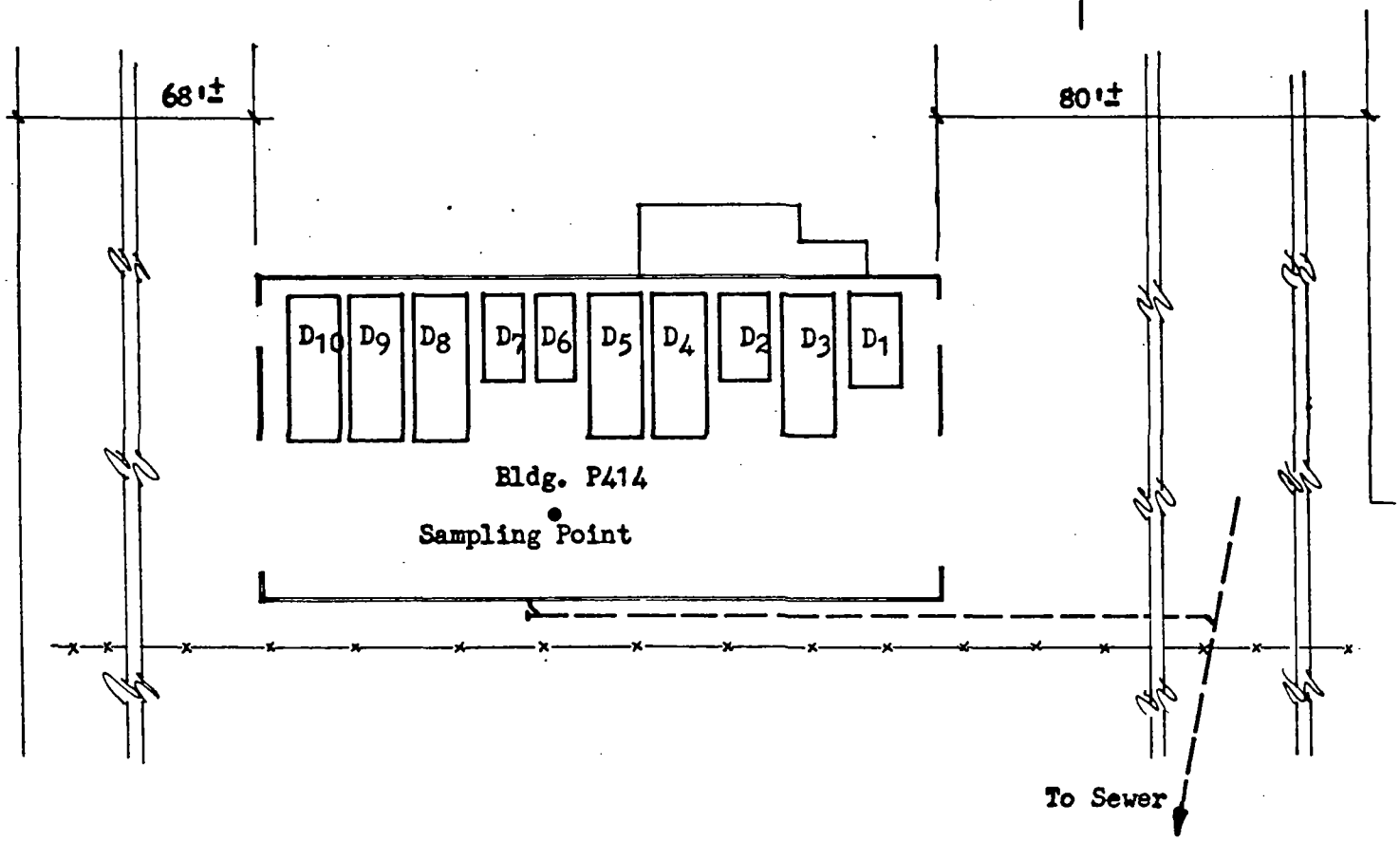
Partial Ground Floor Plan - Bldg. 20A - Plant B - 5
Scale: ¼" = 1' - 0"

Industrial Waste Control Plant Survey
Chemicals
Tank Layout

Survey	Date	By
Original	11/8/71	JK
Rev. 1		
Rev. 2		

Industrial Waste Control
Plant Survey - Chemicals
Tank Layout

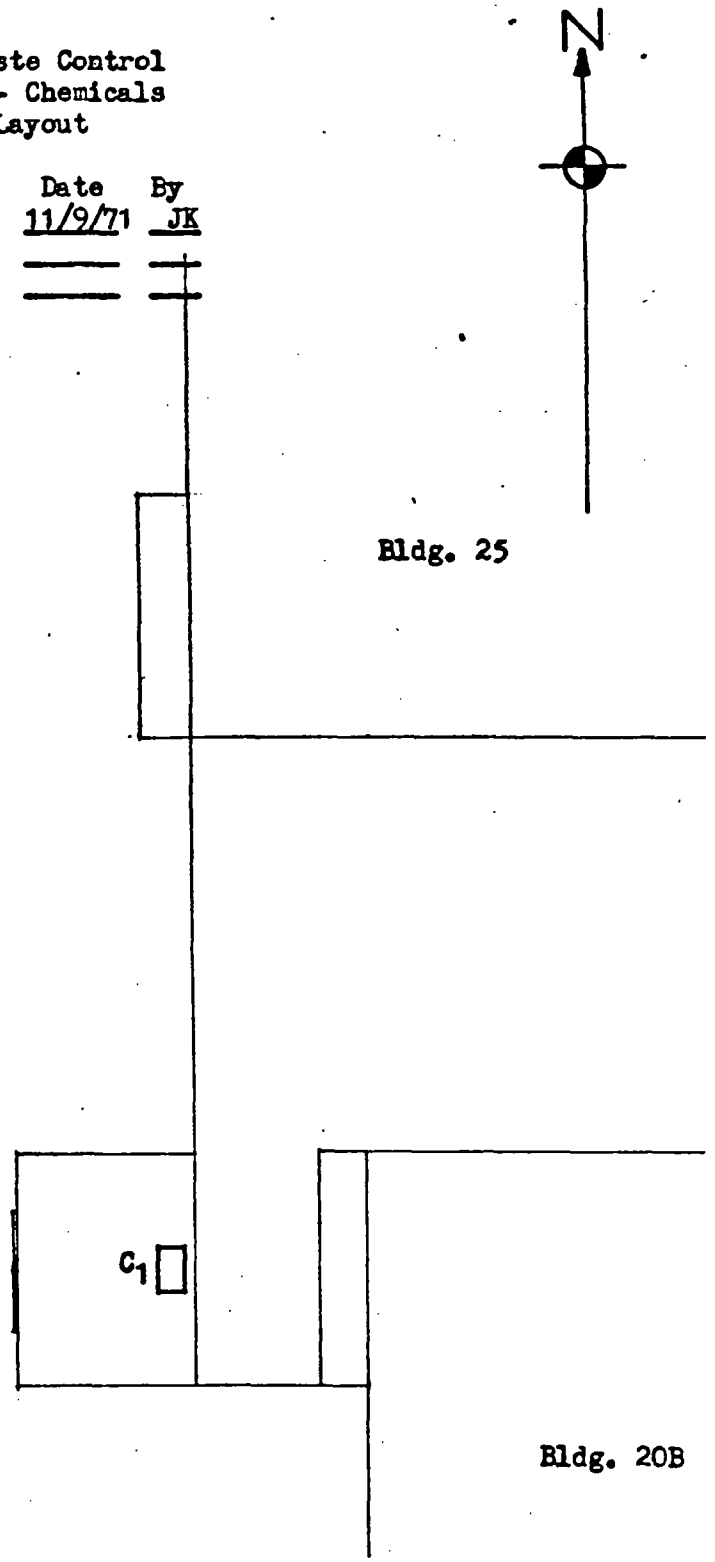
Survey	Date	By
Original	11/8/71	JK
Rev. 1		
Rev. 2		



Partial Plot Plan - Plant B - 5
Scale: 1/8" = 1' - 0"

Industrial Waste Control
Plant Survey - Chemicals
Tank Layout

Survey	Date	By
Original	11/9/71	JK
Rev. 1		
Rev. 2		



Partial Plot Plan - Plant B - 5
Scale: 1/16" = 1' - 0"

Attachment 6 for Lockheed Response to Item 9.

EPA Request for Information

Plant C-1 and Bldg. 528

August 25, 1992

SUMMARY OF KNOWN RELEASES
LOCKHEED PLANT C-1

BUILDING 35 TRANSFORMER LEAK

IN 1986 IT WAS DISCOVERED THAT AN ELECTRICAL TRANSFORMER LOCATED AT THE EAST END OF BUILDING 35 WAS LEAKING. THE LEAKING FLUID WAS FOUND TO CONTAIN POLYCHLORINATED BIPHENYL (PCB). THE VOLUME OF THE SPILL WAS UNDETERMINED. THE TRANSFORMER WAS REMOVED AND THE CONTAMINATED SLAB AND SOILS WERE EXCAVATED AND DISPOSED OFF-SITE IN 1987. A NEW PAD AND NON-PCB CONTAINING TRANSFORMER WAS INSTALLED IN ITS PLACE.

METAL SALVAGE AREA (SOUTH OF BUILDING 53)

OILS AND OTHER ASSOCIATED FLUIDS WERE FOUND TO BE LEAKING FROM ROLL-OFF AND STORAGE BINS PREVIOUSLY STORED IN THE AREA. AN UNDETERMINED VOLUME OF FLUID WAS RELEASED. IN 1988 GREGG & ASSOCIATES INVESTIGATED THE AREA FOR LATERAL AND VERTICAL EXTENT OF CONTAMINATION. SOLVENTS WERE DISCOVERED AT LEVELS BELOW 1 PPM, METALS WERE DISCOVERED BELOW SOLUBLE THRESHOLD LIMIT CONCENTRATIONS AND TPH WAS DISCOVERED AT LEVELS ABOVE 100 PPM. REMEDIATION WAS PERFORMED ON THE AREA BY EXCAVATING APPROXIMATELY 5,800 SQ.FT. TO A DEPTH OF FOUR (4) FEET.

SOUTHWEST CORNER OF SITE

SOIL DISCOLORATION WAS DISCOVERED AT THE SOUTHWEST CORNER OF THE SITE DURING SITE DEMOLITION JANUARY 1992?. THE MATERIAL WAS ENCOUNTERED AT A DEPTH OF APPROXIMATELY 2 FEET BELOW SURFACE DURING EXCAVATION OF AN INACTIVE SEWER LINE. THE CONTAMINANT WAS IDENTIFIED AS WASTE OILS AND MINOR CONCENTRATIONS OF DIESEL FUEL. THE VOLUME OF THE SPILLED CONTAMINANTS WAS UNDETERMINED BUT COULD HAVE BEEN THE RESULT OF THE PREVIOUS FREIGHT TRUCKING OPERATION WHICH LEASED THAT PORTION OF THE SITE. THE CONTAMINATED SOIL WAS EXCAVATED BY CANONIE ENVIRONMENTAL DURING SITE REMEDIATION ACTIVITES BETWEEN MARCH AND MAY OF 1992. THE CONTAMINATED SOIL WAS DISPOSED OF AT LAIDLAW'S LOKERN FACILITY. LETTER REPORTS PERTAINING TO THIS ACTIVITY HAVE BEEN TRANSMITTED TO THE LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (RWQCB).

STORM DRAIN TRENCH

DURING SITE DEMOLITION, JANUARY 1992, IT WAS DISCOVERED THAT THE SOIL UNDERLYING THE CORRUGATED METAL PIPE OF AN ABANDONED STORM DRAIN, CROSSING THE EASTERN PORTION OF THE SITE, CONTAINED MODERATE AMOUNT OF TPH CONTAMINATION. THE PRESENCE OF THE CONTAMINATION IS DIFFICULT TO UNDERSTAND. IT IS NOT OBVIOUS HOW THE CONTAMINATION GOT BENEATH THE PIPE AS THE STORM DRAIN WAS IN RELATIVELY GOOD CONDITION AT THE TIME IT WAS EXHUMED. THE VOLUME OF THE CONTAMINANTS WAS UNDETERMINED. THE CONTAMINATED SOIL WAS DISPOSED OR AT LAIDLAW'S LOKERN FACILITY. LETTER REPORTS PERTAINING TO THIS ACTIVITY HAVE BEEN TRANSMITTED TO THE RWQCB.

BUILDING 40

EXTENSIVE CONTAMINATION WAS DISCOVERED BENEATH MACHINE FOUNDATIONS WITHIN BUILDING 40. THE CONTAMINATION WAS APPARENTLY CAUSED BY LEAKING SUMPS AND FOUNDATION JOINTS. THE MAJOR COMPONENTS OF THE CONTAMINANT IS HYDRAULIC OIL AND CUTTING OIL. MINOR AMOUNTS OF VOLATILE (TOLUENE) AND HALOGENATED COMPOUNDS (PCE/TCE/TCA) WERE DETECTED. THE CONTAMINATION WAS FOUND TO HAVE MIGRATED TO A MAXIMUM DEPTH OF 120 FEET BELOW SURFACE. IT IS ESTIMATED THAT THE VOLUME OF HYDRAULIC AND CUTTING OIL WOULD TOTAL APPROXIMATELY 150,000 TO 175,000 GALLONS (CALCULATED FROM TOTAL SOIL VOLUMES IMPACTED AND CONCENTRATION VALUES). ALL CONTAMINATED SOIL (TOTALLING APPROXIMATELY 40,000 CUBIC YARDS) ABOVE 100 PPM TPH WAS EXCAVATED BY CANONIE ENVIRONMENTAL BETWEEN FEBRUARY AND JUNE, 1992. THE CONTAMINATED SOIL WAS DISPOSED AT LAIDLAW'S LOKERN FACILITY AND CHEMICAL WASTE MANAGEMENTS BRADELY FACILITY DEPENDING ON CONCENTRATION OF TPH. NUMEROUS REPORTS PERTAINING TO THIS CONTAMINATION HAVE BEEN DISTRIBUTED TO THE RWQCB. THESE REPORTS INCLUDE AN ENVIRONMENTAL ASSESSMENT REPORT, SITE INVESTIGATION REPORTS, REMEDIAL ACTION WORK PLANS, CONFIRMATION SAMPLING PLANS, AND CONFIRMATION SAMPLING REPORTS AS WELL AS WEEKLY LETTER REPORTS OF PROGRESS. REMEDIATION OF THIS BUILDING HAS BEEN COMPLETED BUT BACKFILL OF THE EXCAVATION IS STILL PENDING RWQCB APPROVAL.

BUILDING 41

CONTAMINATION SIMILAR TO THAT ENCOUNTERED IN BUILDING 40 (HYDRAULIC OIL AND CUTTING OIL WITH MINOR AMOUNTS OF HALOGENATED COMPOUNDS - PCE) WAS ALSO ENCOUNTERED IN BUILDING 41 DURING DEMOLITION OF THE FOUNDATION (MARCH 1992). THE MAGNITUDE OF THE CONTAMINATION IS, HOWEVER, MUCH SMALLER THAN IN BUILDING 41. THE CONTAMINATION APPEARS TO BE THE RESULT OF LEAKING FOUNDATION JOINTS SURROUNDING A SINGLE MACHINE PIT PREVIOUSLY LOCATED AT THE SOUTHWEST CORNER OF THE BUILDING. THE LATERAL EXTENT OF THE CONTAMINATION IS LIMITED BUT IT DOES APPEAR TO EXTEND TO DEPTHS

OF APPROXIMATELY 80 FEET BELOW SURFACE. NO CONTAMINANT VOLUME HAS BEEN CALCULATED AT THIS DATE. ONLY MINOR REMEDIAL EXCAVATION HAS BEEN PERFORMED ON THIS AREA AT THIS TIME. LOCKHEED INTENDS TO COMPLETE EXCAVATION OF THIS AREA PENDING RESULTS OF RECENT EXPLORATORY DRILLING EFFORTS AND APPROVAL FROM THE RWQCB. LETTER REPORTS PERTAINING TO THIS CONTAMINATION HAVE BEEN TRANSMITTED TO THE RWQCB.

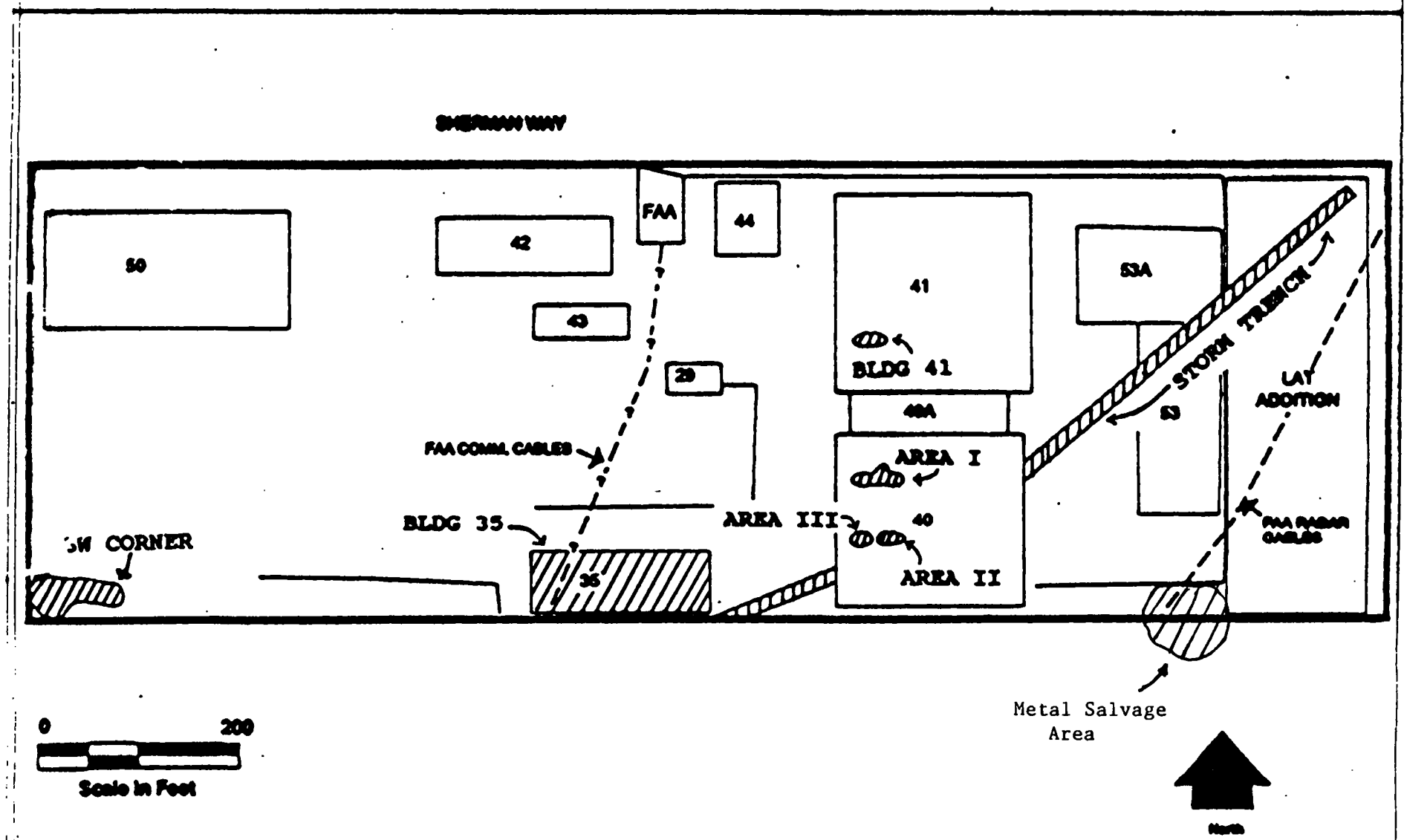
BUILDING 35

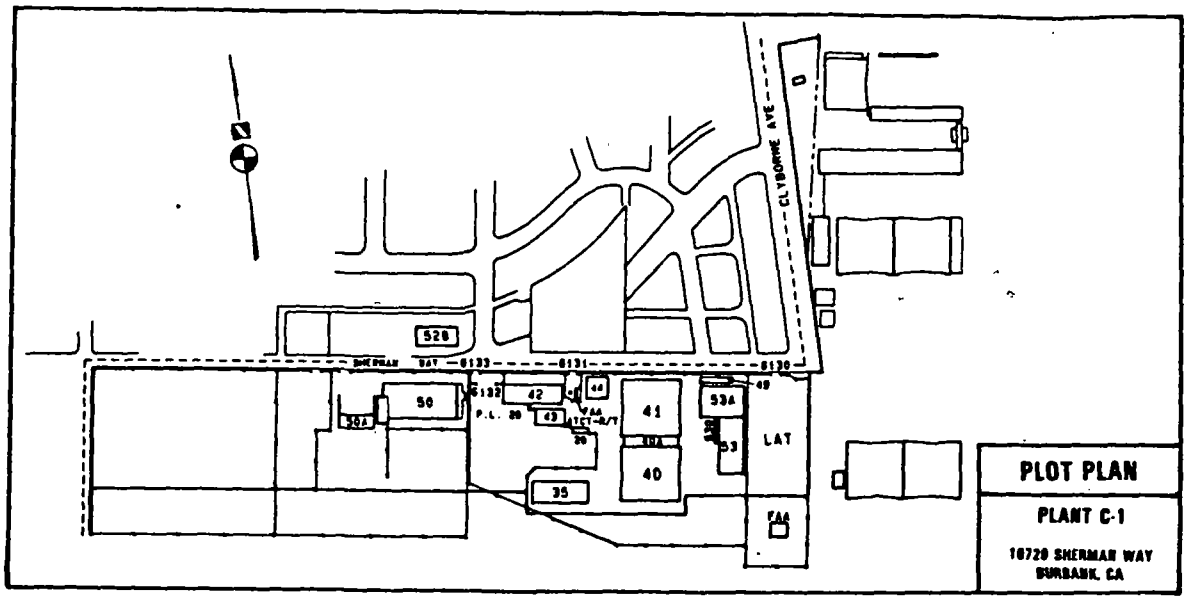
HYDRAULIC OIL AND CUTTING OIL CONTAMINATION (WITH MINOR AMOUNTS OF HALOGENATED COMPOUNDS - PCE) WAS ALSO ENCOUNTERED IN BUILDING 41. THE MAGNITUDE OF THE CONTAMINATION IS SIMILAR TO THAT OF BUILDING 41 (CONTAMINATION APPEARS TO BE THE RESULT OF LEAKING FOUNDATION JOINTS SURROUNDING A MACHINE PIT). THE LATERAL EXTENT OF THE CONTAMINATION IS LIMITED BUT IT DOES APPEAR TO EXTEND TO DEPTHS OF APPROXIMATELY 80 FEET BELOW SURFACE. NO CONTAMINANT VOLUME HAS BEEN CALCULATED AT THIS DATE. ONLY MINOR REMEDIAL EXCAVATION HAS BEEN PERFORMED ON THIS AREA AT THIS TIME. LOCKHEED INTENDS TO COMPLETE EXCAVATION OF THIS AREA PENDING RESULTS OF RECENT EXPLORATORY DRILLING EFFORTS AND APPROVAL FROM THE RWQCB. LETTER REPORTS PERTAINING TO THIS CONTAMINATION HAVE BEEN TRANSMITTED TO THE RWQCB.

CONTACT PERSONNEL

Jerry Jarnagan
Richard Bourgeois
Bob Miland
Wayne Shaw
Richard Alison
Bill Robinson
David L. Jones
Ruben Esparza

Plant C-1 Site Plan





4-59

BUILDING AREA BY PLANT

PLANT C-1

Bldg No.	Year Built	Owner-ship	Floor	Catg	Floor Sq Ft	Bldg Sq Ft
29	57	3	10	S	1,600	1,600
35	68	3	10	S	12,000	12,000
40	52	3	10	S	43,969	43,969
41	52	3	10	S	38,959	38,959
42	52	3	10	S	9,821	9,821

4-61

4-62

BUILDING AREA BY PLANT

PLANT C-1 (Continued)

Bldg No.	Year Built	Owner-ship	Floor	Catg	Floor Sq Ft	Bldg Sq Ft
43	53	3	10	S	4,900	4,900
44	53	3	10	S	3,000	3,000
49	54	3	10	S	800	800
50		3	10	S	35,553	35,553
53	63	3	10	S	16,166	16,166
53A	81	1	10	S	9,600	9,600
530	58	3	10	S	1,000	1,000
Port		3	10	S	196	196
					Plant Total	177,564

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Company: LOCKHEED CORP
Department/Floor No.: 04-10
Street Address: 4500 PARK GRANADA BLVD GATE 3
City: CALABASAS State: CA ZIP Required: 91302

To (Recipient's Name) Please Print: Ms. Chris Stubbs
Recipient's Phone Number (Very Important): (415)744-2248
Company: U.S. EPA
Department/Floor No.: South Coast Groundwater Section (H-6-4)
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56 ☐ FEDEX LETTER *
52 ☐ FEDEX PAK *
53 ☐ FEDEX BOX
54 ☐ FEDEX TUBE

Economy Two-Day
30 ☐ ECONOMY

Government Overnight
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41 ☐ GOVT PACKAGE

Freight Service (for Extra Large or any package over 150 lbs.)
70 ☐ OVERNIGHT FREIGHT ** (Confirmed reservation required) Delivery commitment may later in some areas.
80 ☐ TWO-DAY FREIGHT **
*Declared Value Limit $100.
**Call for delivery schedule.

DELIVERY AND SPECIAL HANDLING (Check services required)
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2 ☒ DELIVER WEEKDAY
3 DELIVER SATURDAY (Extra charge) (Not available to all locations) ☐
4 ☐ DANGEROUS GOODS (Extra charge)
5 ☐
6 ☐ DRY ICE ____ Lbs.
7 ☐ OTHER SPECIAL SERVICE
8 ☐
9 ☐ SATURDAY PICK-UP (Extra charge)
10 ☐
11 ☐ DESCRIPTION
12 ☐ HOLIDAY DELIVERY (If offered) (Extra charge)

PACKAGES | WEIGHT In Pounds Only | YOUR DECLARED VALUE
Total | Total | Total

DIM SHIPMENT (Chargeable Weight) ☐ ____ lbs.
L x W x H = ____

Received At: 1 ☐ Regular Stop 2 ☐ On-Call Stop 3 ☐ Drop Box 4 ☐ B.S.C. 5 ☐ Station

Emp. No. Date
☐ Cash Received
☐ Return Shipment
☐ Third Party ☐ Chg. To Del. ☐ Chg. To Hold
Street Address
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Received By: X
Date/Time Received Fed Ex Employee Number

Release Signature:
FedEx Emp. No. Date/Time

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