EDR-ID 1000299174
EPA-ID NJD000607481

NPL-ID 02NJ018

FEDERAL ENVIRONMENTAL SUPERFUND RECORDS
National Priorities List - NPL
Potentially Responsible Parties - PRP
EPA Site Enforcement Tracking System - SETS

Chemical Control

Elizabeth
NJ
07202

National Priority List (NPL)

This site is classified as a Federal SUPERFUND site or is proposed for inclusion on the SUPERFUND list. This record was last updated by the government on 09/01/95.

Site Name: Chemical Control

Status: listed on the NPL

Date Listed: 9/08/83

NPL Rank/Group:	259 / 6
Haz Rank Score:	47.1 (least severe (0.00) - most severe (100.00))
Site Ownership:	State
Site Permits:	None
Site Activities:	Landfill, Comm./Indus. Explosive Disposal/Detonation Containers/Drums
Site Condition:	Fire or Explosion Contam. Sewer, Storm Drain Contam. Ground Water
Waste Type:	Metals Oils Pesticides
Waste Form:	not reported

Contaminant	Media Impacted
HEXACHLOROCYCLOPENTADIENE (C56)	not reported
POLYCHLORINATED BIPHENYLS, NOS	ground and surface water
TOLUENE	air, ground and surface water
METHYLENE CHLORIDE	ground water
BENZENE	air and surface water

HALOMETHANE, NOS	surface water
1,1,2-TRICHLOROETHYLENE (TCE)	surface water
XYLENE	air
PHOSGENE	not reported

Population Proximity Data

Distance to nearest population:	not reported
Population within a 1 mile radius:	not reported
Population within a 2 mile radius:	not reported
Population within a 4 mile radius:	more than 10,000 people

Ground Water Data

Vertical distance to acquifer:	not reported
Ground water use:	unusable
Distance to nearest surface water:	not reported

SETS RECORD

This Superfund site is listed in the federal SETS record as having Potentially Responsible Parties (PRPs). This record was last updated by the government on 09/01/95.

PRP Name	Notice Date
AMERICAN CYANAMID COMPANY, INC.	10/01/86
ALL PLATING & DYE CASTING, INC.	10/01/86
AETNA CHEMICAL CORPORATION	10/01/86
ALUMINUM BILLETS DIVISION	10/01/86
AT&T TECHNOLOGIES, INC.-WEST. ELECT. CO.	10/01/86
ADVANCED ENVIRONMENTAL TECHNOLOGY CORP	10/01/86
AT & T (NASSAU METALS CORPORATION)	10/01/86
BAKER MINING EQUIPMENT COMPANY	10/01/86
BROWNING FERRIS INDUSTRIES	10/01/86
BEST BROTHERS, INC.	10/01/86
BEST BROTHERS, INC.	10/01/86
CHAMPION INTERNATIONAL CORP.	10/01/86
CLAIROL, INC.	10/01/86
CHEMICAL LEAMAN TANK LINES, INC.	10/01/86
CLEVEPAK CORPORATION	10/01/86
CSI CORPORATION	10/01/86
CLIFTON ADHESIVE, INC.	10/01/86
COLE OFFICE ENVIRONMENTS	10/01/86
CINCINNATI MILACRON, INC.	10/01/86
CANRAD-HANOVIA, INC.	10/01/86
CANADA DRY	10/01/86
C.P.L. CORPORATION	10/01/86
CARSTOP WEST INCORPORATED	10/01/86
CT CORPORATION SYSTEM	10/01/86
DIAMOND HEAD OIL REFINERY CORPORATION	10/01/86
DUANE MARINE	10/01/86
DOCK RESINS CORPORATION	10/01/86
ENGELHARD CORPORATION - SPEC. CHEM. DIV.	10/01/86

EUGENE CONLON	10/01/86
EXXON	10/01/86
F.C.I. CORPORATION	10/01/86
FRENCH COLOR & CHEMICAL COMPANY	10/01/86
FISHER SCIENTIFIC-CENTRAL OFFICES	10/01/86
GAF CORPORATION	10/01/86
GENERAL ELECTRIC COMPANY	10/01/86
GANES CHEMICAL, INC.	10/01/86
GENERAL MILLS, INC.	10/01/86
HEINEMAN ELECTRIC COMPANY	10/01/86
HENKEL PROCESS CHEM INC-DIAMOND SHAMROCK	10/01/86
HATCO CHEMICAL CORPORATION	10/01/86
HIUGGINS	10/01/86
HEXAGON LABORATORIES INC.	10/01/86
INTERNATIONAL FLAVORS & FRAGRANCES INC.	10/01/86
JOHN C. DOLPH COMPANY	10/01/86
JOHNSON & JOHNSON-ORTHO PHARM. CORP.	10/01/86
JOHN ALBERT	10/01/86
J. FILIBERTO SANITATION INC	10/01/86
J. T. BAKER CHEMICAL CO.	10/01/86
J. C. PETERS	10/01/86
KAISER AULUMINUM & CHEMICAL CORPORATION	10/01/86
LAUDERBACK TRANSPORTATION	10/01/86
MOBIL OIL CORP/MOBIL CHEMICAL CO	10/01/86
MICHAEL COLLETON	10/01/86
MAIN TECH INTERNATIONAL INC	10/01/86
MALLENCKRODT, INC. - WASHINE DIVISION	10/01/86
MINE SAFETY & APPLIANCES COMPANY	10/01/86
MINNESOTA MINING & MANUFACTURING COMPANY	10/01/86
MARIND INDUSTRIES INC.	10/01/86
MERCK & CO., INC.	10/01/86
MARISOL INCORPORATED-INDUSTRIAL CHEMCLS	10/01/86
MORTON THIOKOL, INC.	10/01/86
M. I. HOLDINGS INC.	10/01/86
NYK LINES	10/01/86
NORTON COMPANY	10/01/86
PHARMACIA INC	10/01/86
PRINCETON CHEMICAL RESEARCH INC	10/01/86
PFIZER COMPANY INC.	10/01/86
PANELGRAPHIC CORPORATION	10/01/86
PRODUCT RESEARCH INC	10/01/86
RCA CORPORATION - NEW PRODUCTS DIV.	10/01/86
RADIAC RESEARCH CORPORATION	10/01/86
REICHHOLD CHEMICALS, INC.	10/01/86
STAUFFER CHEMICAL COMPANY	10/01/86
STALEY CONTINENTAL INC.	10/01/86
SHADDEN, ARPS, SLATE, MEAGHER & FLOM	10/01/86
SCHAFF, MOTIUK, GLADSTONE, MOELLER & LIG	10/01/86
STIRRUP METALS PRODUCTS CORP.	10/01/86
SOLIN, BREINDEL & ZONDERMAN, P.C.	10/01/86
SHULTON, INC	10/01/86
S & W WASTE	10/01/86
TANK TRUCK RENTALS	10/01/86
TENNECO RESINS **INC-TENNECO** CHEMICAL COMP	10/01/86

UNION CARBIDE CORPORATION/LAW DEPARTMENT	10/01/86
WYETH LABORATORIES - LEGAL DIV	10/01/86
WHITE CHEMICAL CORPORATION	10/01/86
WILLIAM CARRACINO	10/01/86
WILLIAM ADDAMS & CO	10/01/86
WEST ESSEX GENERAL HOSPITAL	10/01/86
WESTINGHOUSE ELECTRIC CORPORATION	10/01/86
WITCO CORPORATION	10/01/86

EDR-ID 1000299174
END OF DOCUMENT

 RUN #:

CLIFTON HAZMAT TEAM
REPORT

DEP CASE # 90 - 11 - 15 - 0800
(YR) (MO) (DAY) (TIME)

DATE: 11/15/90 REC'D BY: DEP. operator 20 REVIEWED BY: MD

NATURE OF INCIDENT: ___Citizen Notification ___Munic. Notification ___Facil. Notification ___Other Notification

INCIDENT REPORT BY:
Name Dep operator 20 Phone 609-292-7172
Street
Municipality State
Affiliation/title

INCIDENT LOCATION: ___Transporation X Facility ___Other
Name (site) Shulton Corp. Phone
Street Colfax Ave.
Municipality Clifton County Passaic State NJ Zip

Location Type: ___Residential X Industrial ___Rural ___Sensitive Population (Hospital, School, Nursing Home)

Date of Incident: 11/15/90 Time:

IDENTITY OF SUBSTANCE(S) SPILLED, RELEASE, ETC: ___Known X Suspected ___Unknown ___None

Name of Substance(s): (Gas, Liquid, Solid) Liquid Diesel

TCPA Chemical (Y/N/U) CAS Number

Amount Released/Spilled unknown ___Actual ___Potential ___Estimated

Substance Contained (Y/N/U) [N circled]

Type of Release/Spill: ___Terminated X Continuous ___Intermittent

Hazardous Material (Y/N/U) [U circled]

AEU000062

TIERRA-D-026011

CLIFTON HAZMAT TEAM
REPORT

INCIDENT DESCRIPTION:

___Fire ___Explosion ___Air Rel __X__Spill ___Abandoned Containers
___Illegal Dumping ___MVA ___Odors ___Smoke/Dust ___Sewage ___NJDES
___L.U.S.T. ___Wildlife
___Equip. Startup/Shutdown, Equip. Fail/Upset, etc._____
___Other (Derailment, Ocean Dumping, Noise, etc.)_____

Injuries (Y/N/U) — Public Exposure (Y/N/U)
Facility Evacuation (Y/N/U) — Police at Scene (Y/N/U)
Public Evacuation (Y/N/U) — Firemen at Scene (Y/N/U)
Contamination of __Air __Land __X__Water — Assistance Requested (Y/N/U)

Receiving Water_____ Wind Direction/Speed____,____

STATUS AT INCIDENT SCENE _____

RESPONSIBLE PARTY: __Known __Suspected __X__Unknown

Company Name Shulton Corp. Phone_____
Contract 340-6788 Louis Burnside Title_____
Street_____
Municipality_____ County_____ State_____ Zip Code_____

OFFICALS NOTIFIED (Name/Title):

NJSP_____/_____ Phone_____ Date/Time_____/_____
Local Health 470-5858/_____ Phone_____ Date/Time_____/_____
Local Munic._____/_____ Phone_____ Date/Time_____/_____
Other_____/_____ Phone_____ Date/Time_____/_____

INCIDENT REFERRED TO: ___DEQ ___DWR ___DSWM ___DHSM ___DOH
___DFG ___DPF ___DCJ ___DCR

Region: ___Northern ___Metro ___Central ___Southern ___ER1 ___ER2

1.Name/Affil_____/_____ Phone_____ Date/Time_____/_____
2.Name/Affil_____/_____ Phone_____ Date/Time_____/_____
3.Name/Affil_____/_____ Phone_____ Date/Time_____/_____

CLIFTON HAZMAT TEAM
REPORT

COMMENTS Investigated leak & found it to be upstream of Weasel Brook in the area of General Foods on Koller Rd. Possible from Street Run off

1. **CLEAN-UP CONTRACTOR:**

Name:_____ Phone_____
Address_____
City_____ State_____ Zip Code_____

Party that was spoken to:_____

2. **Special Hazards** _____

UN # _____

State of New Jersey
Department of Environmental Protection and Energy
Division of Publicly Funded Site Remediation
CN 413
Trenton, NJ 08625-0413
Tel. # 609-984-2902
Fax. # 609-633-2360

Scott A. Weiner
Commissioner

Anthony J. Farro
Director

M E M O R A N D U M FEB 1993

TO: Thomas Sherman, Chief
Bureau of Hazardous Waste Engineering

THROUGH: Chad Van Sciver, Chief
Environmental Measurements Section

Paul Zarrillo, HSMS I.
Environmental Measurements Section

FROM: Richard Gunoskey, HSMS IV.
Environmental Measurements Section

SUBJECT: SHULTON CHEMICAL, CLIFTON, N.J.
Data Review of Soil Samples
March 13, 1992
EPA ID NO. NJD 002 190 304
BEMQA LOG #1830

The Quality Assurance Section (QAS) has reviewed the analytical data submitted by Compliance Management Inc. regarding RCRA soil sampling which took place on March 13, 1992 for the closure of two (2) hazardous waste storage pads. Specific comments concerning this data are presented in the attached memorandum dated January 8, 1993.

A review of the soil sampling data by the Environmental Measurements Section (EMS) reveals negligible concentrations of volatile organics, acid extractables, PCBs, cyanide, and mercury. Base neutrals and lead were detected at concentrations exceeding the proposed NJDEPE Residential Soil Standards. Table I lists the specific sample locations, contaminants of concern, and applicable soil standards.

RECOMMENDATIONS

Since all of the contaminant concentrations were below the proposed standards for non-residential areas, EMS recommends that closure proceed, provided that the property owner agrees to and implements an institutional control or use restriction for the site. Otherwise, the

site should be sent to the Case Management Strategy for cleanup to below proposed Residential Standards.

If you have any further questions concerning this review, please contact me at 4-1693.

HS353

w/attachments

c: William Lowry, BEMQA (w/o attachments)

MAR 3 0 1992

To: Murdo Morrison, Case Manager, BEECRA

Through: Brian Sogorka, Section Chief, BEERA/ERU. B. J. for B. S. 3/30/92

From: Kris Geller, Technical Coordinator, BEERA/ERU 3/27/92

Subject: American Cyanamid, Clifton, ECRA Case # 91140 SP, AD.

This is in response to your request dated 2/7/92 & 3/4/92 KG 4/2/92

Document dated January 1992.

Site reuse: Unknown, trigger is a cessation.

Summary: The document presents the results of a conditionally approved SP. The applicant followed the proposals and conditions in carrying out the sampling plan. No cleanup levels were proposed. The proposed cleanup standards were used by this reviewer to evaluate the acceptability of the CP using the residiential levels found on Table 3-1.

SPECIFIC REFERENCES TO THE CUS BELOW SHOULD BE USED AS GUIDANCE ONLY AND NOT IN MEMOS LEAVING THE DEPT UNTIL CUS PROMULGATION.

The data are unacceptable with regard to QA/QC. The initial sample size for the BN analyses was 10 grams rather than the 30 grams specified in the method. This was done whether the samples were dirty or not. A limited amount of resampling is required to verify the SP results because this MDL is higher than the cleanup concentration for the CAPAH.

The CP is for the most part, conditionally acceptable, however several NFA proposals are unacceptable and further explanation is required for in some instances.

AREAS OF ENVIRONMENTAL CONCERN

Former Drum Storage Area Building 9A - No further action.

UNDERGROUND STORAGE TANKS

Former Underground Toluene Tanks - Two 10,000 Gallon #2 Fuel Oil Tanks - 30,000 Gallon #2 Fuel Oil Tank - 10,00 Gallon Ethyl Alcohol - No further action.

1,000 Gallon Gasoline and 550 Gallon Kerosene Tanks - These tanks were removed in November 1985 after failing integrity testing. Contaminated soil was observed and removed. No soil sampling was done nor was a well installed in this area. For this SP, BEECRA recommended collecting two borings to

determine if contamination was present. Petroleum product was detected in one of the borings which was investigated with three test pits and eight soil sampling locations (two were wells). No contaminants were detected in any of the soil samples.
Proposal: No further action for soil.
Recommendation: Proposal is acceptable. If groundwater remediation is proposed, it may enhance the treatment efficiency the vadose zone is treated via vapor extraction or in situ bioremediation in the capillary fringe.

Parkway Iron & Steel Discharges Area - Initially samples were collected from three locations and analyzed for a variety of constituents including PHC, VO, and BN. Two of the locations were contaminated with BN or PHC. Six additional locations were sampled to determine the extent of the contamination. Samples were analyzed for PHC, BN+15, and PPM.
Proposal: Remove the contaminated soil and collected six sidewall samples and two base samples. The samples will be analyzed for PHC, Cu, Pb, Zn, and 25% BN+15.
Recommendation: The proposal is acceptable if sidewall samples are collected at the surface and base of the sidewall. One of the sidewall sample locations should be collected from where the Drainage Path intersects the excavation.

Former Empty Drum Storage Area Bldg 11 - An area was excavated and post-excavation samples collected for BN and PPM. No levels of contaminants were found which exceeded the CUS. All MDL for BN were elevated.
Proposal:No further action.
Recommendation: Proposal is acceptable if two locations are resampled for BN analysis (because of the elevated MDL) to confirm the earlier results.

Fill Area - This area, now under a parking lot was detected by the RP on aerial photos. Initially samples were collected from two of seven borings at 1.5-2' and 3-3.5 feet and analyzed for PP+40. PHC exceeded the old ECRA action levels at both locations and BN at one. Subsequently fifteen test pits were dug and sampled for VO+15, BN+15 and PPM at 0-6" above the water table. Several of the test pit samples were found to have elevated levels of BN, Cu,Pb, and Zn were found.
Proposal: Remove most of the fill material, collect ~12 post-excavation samples at the base and 15 sidewall samples of the excavation. The soil above the fill material will be used to refill the excavation.
Recommendation: Conditionally acceptable. The extent of the proposed excavation does not appear to cover the entire area of fill found to be contaminated in some locations. According soil logs, TP-10 and TP-15 contained the same fill material found at contaminated locations, therefore these locations should be included in the remediation. Although no contamination was found in the soil at the base of TP-10 and TP-15, the heterogeneous nature of the fill material warrants

the remediation of all similar fill material.

Three samples of the overburden material from near TP-1, TP-2, and TP-8 should be collected from 6-12" below the asphalt crushed stone cover and analyzed for PHC, PPM and BN+15 to determine the suitability of the nonindustrial fill material for filling the excavation.

The presence of contamination in TP-4, TP-3, and typically contaminated fill material in TP-9 and TP-15 indicates that the area of remediation should be extended towards Weasel Creek, which is northeast of the test pits mentioned above.

There is some discrepancy with the presence or absence of contamination at TP-6. The laboratory data sheets show that this location is contaminated with BN compounds. The map and tables in the report indicate that this contamination is associated with location TP-7. This discrepancy should be cleared up and if the contamination is from TP-6 this area must be included in the remedial action.

Orange Material - Weasel Brook - Samples of an orange material were collected from a drainage swale to Weasel Brook and from the Brook itself. Elevated concentrations of BN were detected in both samples.
Proposal: No further action because the contamination at G-5 (the most contaminated sample) is attributed to street and parking lot runoff.
Recommendation: Proposal is unacceptable. The contamination at location G-5 exceeds the residential concentration in the Proposed CUS for two of the CAPAH, and the MDL is 5.1 ppm which is greater than the residential or industrial CUS. The extent of the contamination must be determined and remediated to the appropriate level which is residential because of the cessation of operations. The levels of BN contamination appears to be elevated for a section of the brook flowing through the property as the BN concentrations were essentially acceptable in the upstream and downstream samples.

Laboratory Decontamination/Decommissioning Plan - Several wipe samples were obtained from laboratories within buildings 6, 7, and 7 and analyzed for Herbicides, Pesticides, and BN compounds. No contamination was detected.
Proposal:No further action.
Recommendation: More details are necessary to write off these areas. The locations should be given on maps referencing buildings, sampling frequency (samples/unit area), justification of parameters etc.

Transformers - No further action required.

cc R. Bancroft BCWDC

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
BUREAU OF GROUND WATER DISCHARGE CONTROL

MEMORANDUM

TO: Joshua Gradwohl, Case Manager
BEECRA

KF

THROUGH: Karen Fell, Section Chief
Bureau of Ground Water Discharge Control

FROM: Reneé Bancroft, Geologist
Bureau of Ground Water Discharge Control

SUBJECT: American Cyanamid
Clifton, Passaic County
ECRA #91-140

DATE: JUN 18 1991

As requested, I have reviewed the Application and Sampling Plan which was referred to this Bureau on May 13, 1991. The submitted material is acceptable if the comments in the recommendation section of this memo are incorporated.

BRIEF SITE HISTORY AND INFORMATION
American Cyanamid (AC) has owned the property since 1971. Prior to that the property was owned by Shulton Inc. from 1946 to 1971. AC manufactures and distributes antiperspirant, plastic containers and components.

Former permits included NJPDES-DSW (ceased), RCRA (Closure), BUST (all tanks removed), Nuclear Reg. Commission (terminated), POTW (existing) and DPCC.

BRIEF REVIEW OF PREVIOUS SAMPLING (SOILS AND WATER)
Soils
Seven areas of concern were identified and soil samples were taken. Six areas remain of concern including ground water.

Water
Nine monitoring wells have been installed with TD 12-21 feet. Ground water is approximately 2-6 feet below ground surface with flow to the south, southeast.

BRIEF SUMMARY OF ANALYTICAL RESULTS
Low level VO contamination has been detected on-site (400 ppb TVO's in MW-9-Former disposal area) in the ground water. Only re-sampling is proposed at this time for the ground water.

State of New Jersey
Department of Environmental Protection and Energy
Environmental Regulation
Hazardous Waste Regulation Program
CN 028
Trenton, NJ 08625-0028
Phone# 609-633-1418

Scott A. Weiner
Commissioner

Frank Coolick
Administrator

MAR 01 1993

Richard Tabakin
American Cyanamid Company
1 Cyanamid Plaza
Wayne, NJ 07470

RE: Soil Sampling Data Results, Shulton, Inc., Clifton, EPA ID No. NJD 002 190 304

Dear Mr. Tabakin:

The Department of Environmental Protection and Energy has completed a review of the soil sampling data for the samples taken around the outdoor drum storage pad on March 13, 1992. A review of the data has revealed elevated concentrations of Benzo (a) anthrocene, Chrysene, Benzo (k) fluoranthene and Lead.

Take note that the remedial investigation and any necessary cleanup for the hazardous waste storage area will not be handled by the Bureau of Hazardous Waste Engineering. The case is currently being transferred from the Bureau of Hazardous Waste Engineering to an appropriate remediation program. American Cyanamid will be notified which remediation program will oversee the remedial investigation and any necessary cleanup procedures in the near future.

If you have any questions on this matter, please contact Ken Ratzman of my staff at (609) 292-9880.

Very truly yours,

Thomas Sherman, Chief
Bureau of Hazardous Waste Engineering

EP10/js
c: Michael Poetzsch, USEPA
Joseph Mikulka, NBWHWE

DOCUMENT: RTACC
FOLDER: JXSMCB

AEU000081

ENFORCEMENT REFERRAL FORM

TO: Robert Plumb, Northern Bureau of Regional Enforcement

FROM: Joseph Eaker through Joseph Miller
Bureau of Underground Storage Tanks

Date: 4/18/91

Priority: (check one) HIGH_____ MEDIUM_____ LOW ✓

Bureau Contact Person: Joe Eaker Phone #: (609) 984-3156

Name of Violator: Shulton, Inc. USA

BUST Case # 88-12-05-1448

Location Clifton, Passaic County

Permit #, Type & Effective Date (if appropriate)_____

Description of Violation including date(s), specific statute, regulation and/or permit condition violated. Attach location map if appropriate.

Chlorinated Solvents were consistently detected in 3 on site monitoring wells and one out of service on-site production well

Listing of actions taken by referring Bureau to notify the violator in question in order to correct non-compliance or violation. Attach copies of all relevent telephone sheets and correspondence.

Enforcement Action Requested: Investigate source of chlorinated solvents

c: Steve Urbanik, Bureau of Ground Water Discharge Control
Joseph Eaker, Bureau of Underground Storage Tanks

AEU000082

EPA WORK ASSIGNMENT NUMBER: 041-2Z00
EPA CONTRACT NUMBER: 68-W8-0110
EBASCO SERVICES INCORPORATED

ARCS II PROGRAM

FINAL
ENVIRONMENTAL PRIORITIES INITIATIVE/ PRELIMINARY ASSESSMENT (EPI-PA)
SHULTON TOILETRIES
CLIFTON
PASSAIC COUNTY, NEW JERSEY
CERCLIS NO.: NJD002190304

SEPTEMBER 1992

SUBMITTED BY:

Peter McLaughlin
Task Leader
Resource Applications, Incorporated

APPROVED BY:

Ming Kuo, Ph.D., P.E.
ARCS II Technical Support Manager
Ebasco Services Incorporated

REVIEWED BY:

Edgar J. Aguado
EPI-PA Site Manager
Ebasco Services Incorporated

AEU000083

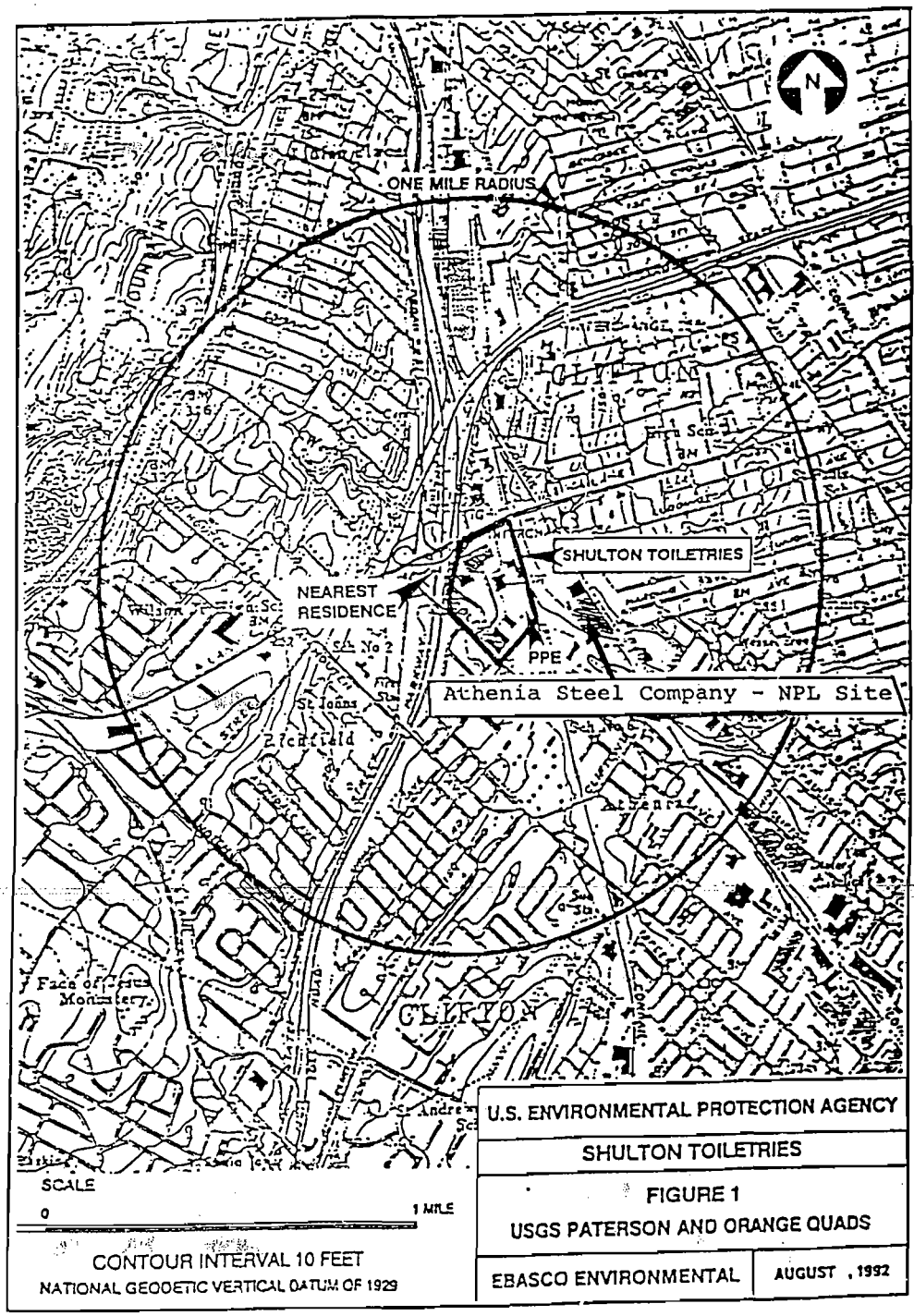
E1791.LYN

SITE SUMMARY AND RECOMMENDATION

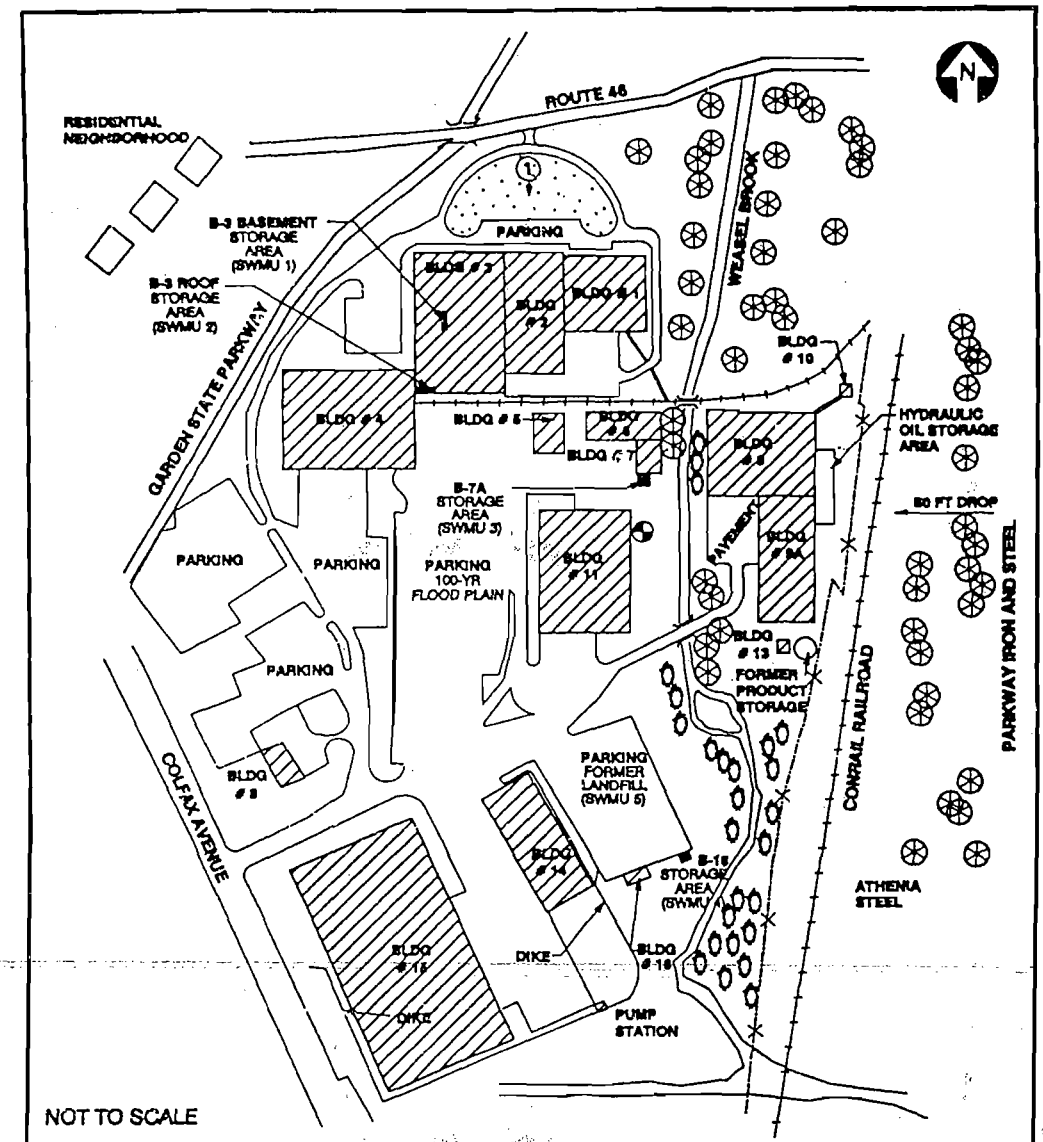
The Shulton Toiletries (Shulton) facility (CERCLIS #NJD002190304) is located at 697 Route 46, in the City of Clifton, Passaic County, New Jersey (Figure 1). The Shulton facility was a manufacturer of personal hygiene and household products, but has been inactive, except for administrative activities, since 1991. The fenced, 42-acre site exists in an urban area characterized by industrial, commercial, and residential activity approximately 14 miles west of New York City. The site is bordered on the east by the CONRAIL railroad tracks and Parkway Iron and Steel (PIS), an automotive junkyard; on the north by Route 46 East and light industry; on the west by the Garden State Parkway, light industries, and residences; and on the south by Colfax Avenue and residences. The former Athenia Steel facility is located immediately southeast of the site. The Shulton site contains 18 buildings which formerly housed manufacturing, research and development (R&D), and computer and office operations (Figure 2). Weasel Brook runs south to southeast through the site.

The site has been owned by American Cyanamid Company (American Cyanamid), based at 1 Cyanamid Plaza in Wayne, New Jersey, since 1971. Previously, the site was owned by Shulton Incorporated, USA, who began operations in 1946. Prior to the construction of the facility, the site was used for agricultural purposes. Currently, only American Cyanamid administrative operations are active on the site. Manufacturing operations consisted of blending chemicals to form antiperspirants, deodorants, aftershaves, and fragrances; and plastic injection molding to form product containers. Shulton also manufactured some household insecticides. Quality assurance and R&D activities took place in laboratories in Building 3 (B-3). In the laboratory activities, Shulton used radioisotopes in gas chromatographic sample analysis. Radioisotopes were also used for insecticide research. Shulton maintained two permits from the Nuclear Regulatory Commission (NRC) for this activity. During manufacturing, hazardous wastes were collected from the process and laboratory areas, combined into 55-gallon drums, and placed into storage at one of four hazardous waste storage areas prior to off-site disposal. In addition, lab-packed wastes were generated during laboratory processes and cleanouts. Total capacity of the storage areas was 92 55-gallon drums. Lab-packed wastes were also stored in the hazardous waste storage areas prior to off-site disposal. Resource Conservation and Recovery Act (RCRA) closure activities began on each of the hazardous waste storage areas in 1990. At two of the areas, Building 7A (B-7A) and Building 16 (B-16), the concrete pads were scraped and steam cleaned, and soil sampling was conducted. The concrete pads at areas B-3 Basement and B-3 Rooftop, were cleaned with a detergent wash. Analysis of wipe samples, taken at areas B-3 Basement Storage Area (SWMU1) and B-3 Roof Storage Area (SWMU2) resulted in RCRA closure of each area on July 19, 1991. RCRA closure is pending for areas B-7A Storage Area (SWMU3) and B-16 Storage Area (SWMU4), contingent on the acceptance of soil sampling results submitted to the New Jersey Department of Environmental Protection and Energy (NJDEPE) on June 5, 1992.

Five additional areas of concern currently exist at the Shulton site. Remediation for these areas has been addressed in an Environmental Cleanup Responsibility Act (ECRA) Summary of Sampling and Proposed Remedial Actions (SSPRA) report prepared by Killam Associates (Killam) of Wayne, New Jersey on behalf of American Cyanamid. The first area is located along the east side of the site, which is bordered by CONRAIL Railroad and Parkway Iron & Steel Company (PIS). PIS is known to have released crank-case oil from automobile engines on its


N
ONE MILE RADIUS
SHULTON TOILETRIES
NEAREST RESIDENCE
PPE
Athenia Steel Company - NPL Site
SCALE
0
1 MILE
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
U.S. ENVIRONMENTAL PROTECTION AGENCY
SHULTON TOILETRIES
FIGURE 1
USGS PATERSON AND ORANGE QUADS
EBASCO ENVIRONMENTAL
AUGUST , 1992

AEU000085



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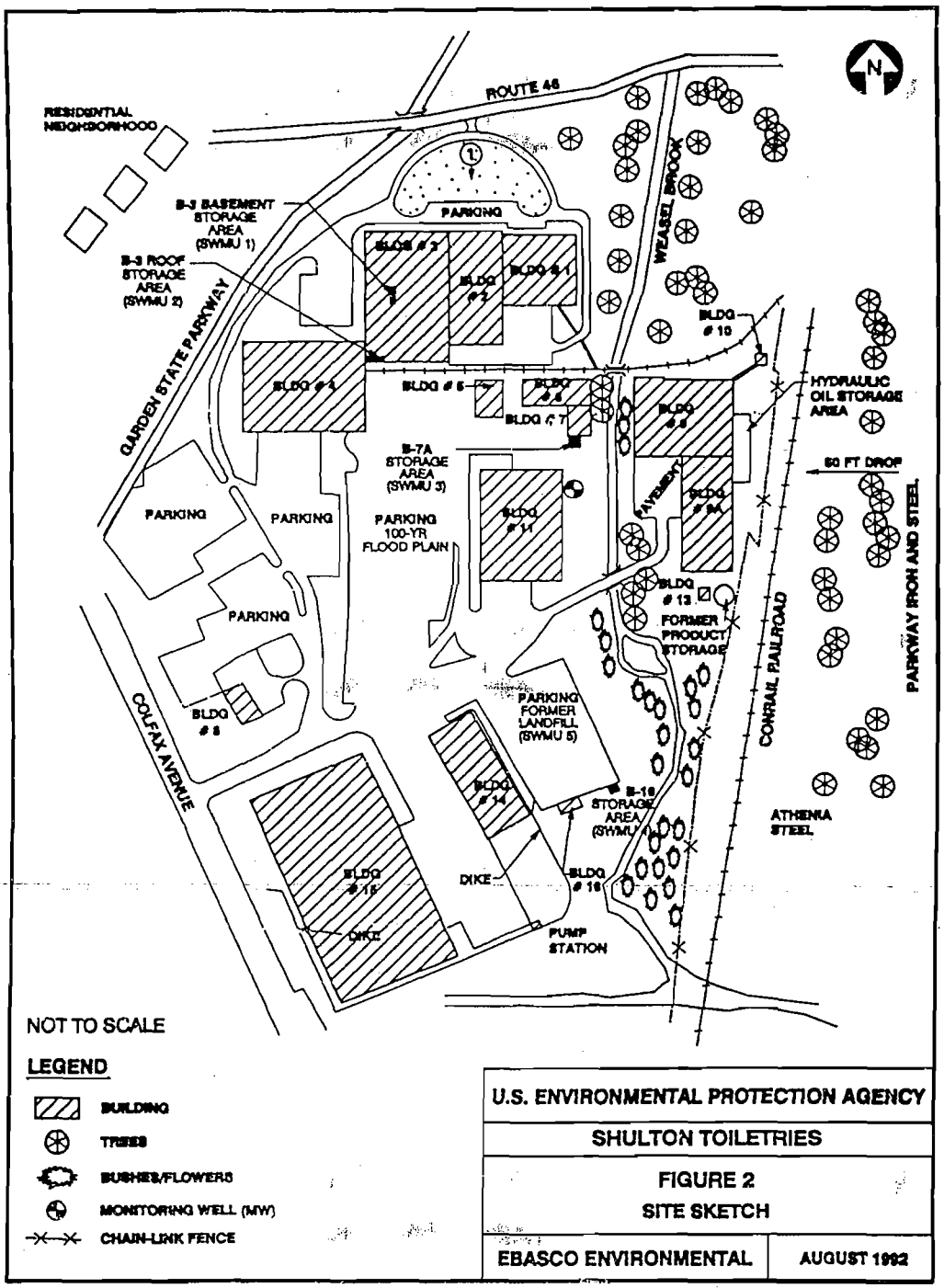


AEU000087

property. The Shulton property receives surface water runoff from PIS. Soil sampling along the east border, behind Building 10 (B-10), indicated the presence of petroleum hydrocarbons (PHCs) and base neutral (BN) compounds, copper, lead, and zinc. American Cyanamid has proposed soil excavation and post-excavation soil sampling in response to this contamination.

The second area, Weasel Brook, has had a number of off-site, upstream releases which resulted in contaminants (including PHCs) flowing downstream through the Shulton property. In addition to the off-site releases, in 1982 a spill between 25 and 50 gallons of fuel oil occurred east of Building 5 (B-5) due to overfilling of one of the two former 10,000-gallon fuel oil underground storage tanks (USTs). The spill reached Weasel Brook via storm drains located near B-7A. New England Pollution Control installed a floating dike in Weasel Brook and used a number of sorbent pads to control the discharge. No further information concerning this release is available. Based on sediment sampling results for total BN compounds, American Cyanamid has proposed no further action. However, according to a facility representative, NJDEPE has requested a sampling plan for the west brook bank in order to show that contaminants are not migrating to Weasel Brook from on-site sources.

The third area is the Former Landfill (SWMU 5), which is located beneath the parking lot west of Building 16 (B-16). The landfill is 0.35 acre in size and contains construction debris, grass clippings, paper, and glass bottles. The area was used prior to 1960, and has since been paved over with asphalt. PHCs, copper, lead, and total priority base neutral (BN) compounds were detected above ECRA guidelines in the soil. Elevated levels of lead and total priority volatile organic compounds (VOCs) were detected in the groundwater. Excavation of soil at the landfill, as well as post-excavation sampling, has been proposed by American Cyanamid to address the soil contamination. Resampling of groundwater for total priority VOCs has also been proposed.

The fourth area of concern at the site is the Former UST Area, west of B-5. A groundwater contaminant plume, consisting of total priority VOCs, total BN compounds, and PHCs, was detected. American Cyanamid has proposed to further evaluate the groundwater contamination to establish the extent of the plume. Based on these findings, a hydrogeologic study will be performed in order to devise an appropriate remedial strategy.

The fifth area of concern is the presence of chlorinated VOCs (i.e. trans-1,2-dichloroethene and trichloroethane) in the groundwater beneath the site. Due to the fact that the particular chlorinated VOCs detected above ECRA guidelines were not used on-site, it is the assertion of American Cyanamid that this contamination can best be explained by off-site sources. In order to substantiate this claim, American Cyanamid has proposed the installation and sampling of three additional groundwater monitoring wells and a full round of sampling of all existing wells on-site.

During the site reconnaissance, all production and storage areas were observed, and no evidence of release was noted. All on-site areas of concern (except the groundwater contamination) were observed and no evidence of release was noted. However, along the CONRAIL railroad tracks, between the site and the PIS property, an oily sheen on top of a rain puddle was observed. The puddle and oily sheen were observed downgradient from PIS. Several rusted drums and other rusted metal debris located at the top of, and along the embankment, between the railroad tracks and PIS were also observed.

The hydraulic oil storage area, where waste hydraulic oil was brought and reclaimed for use at the facility is located outdoors, at the northeast corner of Building 9-A (B-9A). Adjacent to and outside, at the southeast corner of B-9A, two overturned 55-gallon steel drums were observed. The drums were located within a locked, fenced area measuring approximately 10 feet by 10 feet. No evidence of release from these drums was noted. Facility representatives stated that the drums were empty, but could not provide any further information about the original contents of the drums.

There are three decommissioned groundwater wells located on-site. These wells supplied Shulton with noncontact cooling water for various process equipment. All industrial and environmental permits for the facility have been rescinded except an air permit for the boiler. Site vegetation consists of grass and trees in good condition. The site is approximately 65% paved. Site runoff is directed by storm water drains through two outfalls to Weasel Brook, and by natural patterns to the southeast. It is unknown whether neighboring properties or off-site areas have been contaminated due to the facility. In February 1990, a release to air was documented due to the unpermitted installation and operation of heated antiperspirant mix tanks vented to a common stack and an antiperspirant filling machine vented directly to the atmosphere. The situation was resolved through submission of air permit applications to NJDEPE. Numerous potential sources of contamination from industrial facilities exist within one mile of the site. According to a facility representative, the former Athenia Steel Company is on the National Priorities List (NPL).

Beneath the facility, the unconsolidated deposits are approximately 25 feet thick. The uppermost unit is continuous till, which is silty in nature. Where sandy, the material may be a local unconfined aquifer; however, better water supply potential is found in deltaic outwash sand and gravels, approximately 0.5 mile east of the facility. The uppermost bedrock is part of the Brunswick Formation, predominately of Late Triassic age, with some deposits extending into the Early Jurassic. These rocks consist of approximately 4,000 feet of grayish-red to reddish-brown, evenly to irregularly bedded, thin to thick bedded shale, siltstone, medium to coarse-grained sandstone, and some red-matrix conglomerate. Beneath the Brunswick Formation are grey and black siltstones and shales of the Late Triassic Lockatong Formation. The unit consists of alternating detrital and chemical-lacustrine cycles. The detrital cycles consist of laminated, calcareous, pyritic siltstone and shale overlain by platy to massive, disrupted (mudcracked and burrowed) dark grey calcareous siltstone and fine-grained sandstone. The chemical cycles consist of a lower portion of platy dark grey to black dolomitic siltstone and marlstone with shrinkage cracks and lenses of pyritic limestone; and an upper portion of massive, grey or red, analcime or carbonate rich, disrupted siltstone. The detrital cycles average 17.1 feet in thickness, while the chemical cycles average 10.5 feet. The Lockatong rocks appear to be approximately 3,000 feet thick beneath the facility. At or near the base of this formation are diabases; that is, dark-grey to black, fine to coarse-grained igneous rocks composed of calcic plagioclase and augite pyroxene. These igneous intrusives were intruded during the Early Jurassic in the form of a sill (i.e. a structure intruded parallel to bedding). The sill was fed by a dike extruding down into the underlying rocks of the Late Triassic Stockton Formation, which is a grey, yellow, or red-brown sandstone, arkose, and arkosic conglomerate formation. Pebbles in the arkose include quartz, quartzite, feldspar, shale, limestone, and metamorphic rocks. In addition, some beds of grayish-red and reddish-brown siltstone and shale exist, with abundant channels, ripple marks, mudcracks, and crossbeds. The Stockton rocks in the site area are approximately 3,300 feet thick, and are underlain by Proterozoic rocks of the Manhattan Prong, which consists of amphibolites,

anorthosites, and granulite gneisses. The post-Proterozoic rocks are folded into a structure known as the Newark Jurassic-Triassic Basin, and the site is located on the southeastern side of this structure. The bedrock strata dip at an angle of about 20 degrees towards the northwest.

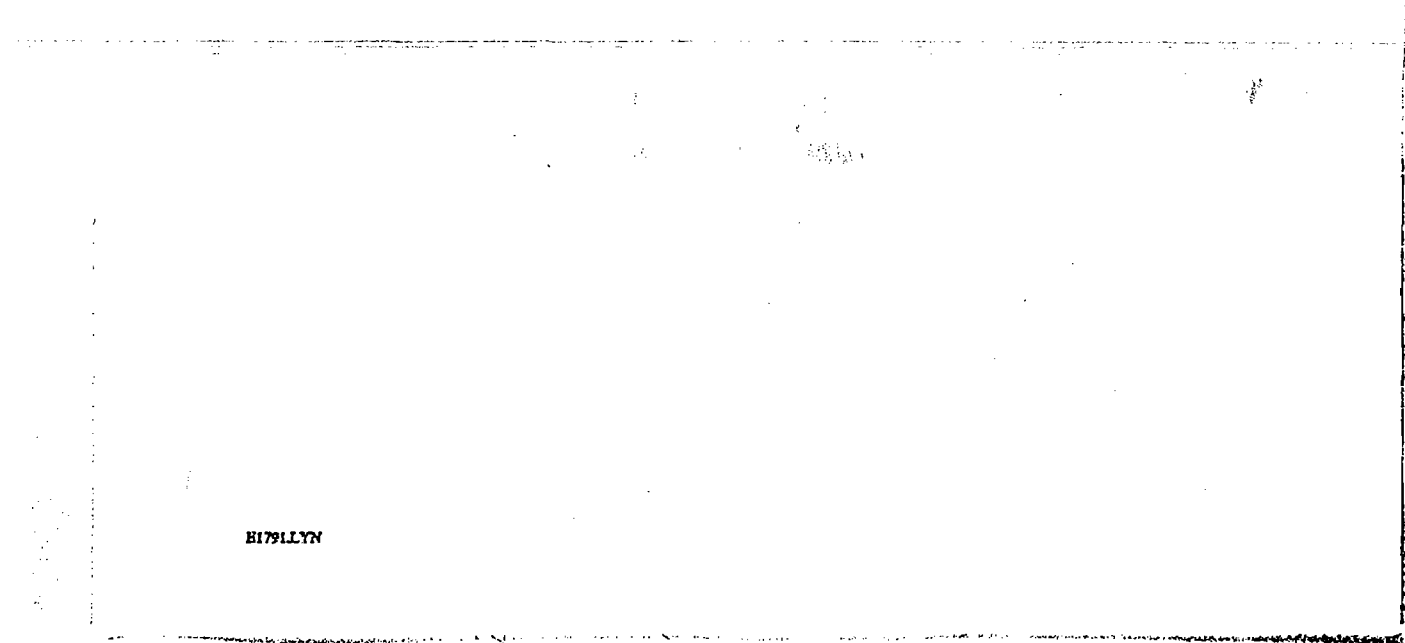
The aquifer of concern beneath the facility is the Brunswick Formation, which consists of shales, siltstones, sandstones, and some conglomerates. This unit exists at a depth of about 25 feet below the site, and is approximately 4,000 feet thick in the vicinity of the site. Yield from wells completed in this formation in Passaic County range from 50 to 510 gallons per minute (gpm); the permeability of the rocks varies between $1x10^{-7}$ centimeters per second (cm/sec) and $1.2x10^{-2}$ cm/sec, depending on rock texture and degree of fracture. The Passaic Formation is overlain by glacial tills, which are not used as a source of groundwater. The water table in the region lies between 20 feet (highest seasonal level) and 40 feet. The depth between the deepest point of contamination and the highest seasonal level water table is six feet. Groundwater flow direction is southeast, towards the Passaic River. There are no groundwater drinking wells within a four-mile radius of the site. Therefore, the population served by drinking water wells within a four-mile radius of the site is zero.

The site is predominately level, with surface water runoff towards Weasel Brook to the east and southeast. Just east of the CONRAIL tracks, the area terrain slopes approximately 50 feet upwards, towards PIS and other industrial sites. A wetlands delineation was performed by Killam along a section of Weasel Brook, east of B-11 and extending southeast of B-16. This resulted in the designation of approximately 0.5 acre of palustrine emergent/forested broad-leafed deciduous wetland habitat in the southeast area of the site. The facility is located within three flood zones, the majority of which is in Zone A, within the 100-year flood plain. The levied area in the south portion of the facility is in Zone B, within the 500-year flood plain but outside the 100-year flood plain. The extreme northwestern section of the facility is within Zone C, outside the 500-year flood plain.

The nearest surface water body is Weasel Brook, located on-site, and is used for industrial and drainage purposes. The flow rate of Weasel Brook is unknown. Dikes have been constructed around the western perimeter of Building #15 and the eastern perimeter of Building #14 and merge near the pump station, in the southern portion of the site. The probable point of entry is at Weasel Brook in the southeastern section of the site. The nearest residence is approximately 0.2 mile west of the site, across the Garden State Parkway. There are no drinking water intakes located within 15 miles downstream of the probable point of entry. There is an on-site sensitive environment, Weasel Brook, which runs south to southeast through the site. Many fisheries do exist within 15 miles downstream of the probable point of entry, but their exact locations are unknown. Public drinking water is obtained from a blended surface water system from the Passaic River (upstream) and the Wanaque Reservoir.

Currently, about 250 people work on-site. Approximately 4,309 people live within one mile of the site. There are no residences, schools or day care facilities located within 200 feet of the site. The population within four miles of the site is approximately 68,000, including students and on-site workers. Sensitive environments on-site and within one-half mile of the site include Weasel Brook and the wetland habitat mentioned above.

In summary, although soil and groundwater contamination exist on-site, each has been identified and is addressed in American Cyanamid's ECRA SSPRA report to NJDEPE. There have been no citizen complaints from members of surrounding communities. Based on this information, pending the completion and approval by NJDEPE of remedial activities at the site, the recommendation for the Shulton site is that the remediation be completed under the direction of NJDEPE.



Killam

ATTACHMENT 5: DISCHARGE AND SAMPLING HISTORY

SHULTON
ECRA - Site Evaluation Submission
April 1991

Killam

ATTACHMENT 5: DISCHARGE AND SAMPLING HISTORY

5.0 Miscellaneous Spills/Discharges

The Shulton files referenced a few spills/discharges of lubricants and other oil-type materials over the years. Approximate locations of historic spills/discharges are presented on Figure 5-1 and pertinent information regarding same is included on Table 5-1. The pertinent facts of occurrences reported to NJDEP are discussed briefly below.

Shulton contacted the Passaic Valley Sewerage Commission (PVSC) and the Clifton Board of Health to report a spill of between 25 and 50 gallons of fuel oil east of Bldg 5 on December 27, 1982. The spill was due to overfilling of one of the two 10,000 gallon underground fuel oil tanks existing on site at the time. The oil discharged onto the macadam and traveled toward the storm drain near Bldg 7A. The storm drain discharges into Weasel Brook. Shulton contacted New England Pollution Control to address the spill. New England Pollution Control installed a floating dike in Weasel Brook and used a number of sorbent pads to control the discharge within one hour of the spill.

Shulton contacted the NJDEP-Division of Hazardous Waste Management on July 26, 1984 to report water carrying oil slicks and other miscellaneous debris flowing onto the northeast section of the Shulton property (north and east of Bldg 10) from the Parkway Iron & Steel Company facility (a scrap metal yard). The Parkway Iron & Steel Company facility is located beyond the railroad tracks immediately east of the Shulton facility. According to Shulton representatives, discharges from the Parkway Iron & Steel Company occurred frequently over the years and may have deposited oil laden water onto the area north and northeast of Bldg 10.

four storage areas. Shulton retained Compliance Management, Inc. of Whippany, New Jersey to perform the decommissioning and to obtain samples. Sampling results and locations are included in the Shulton RCRA Closure Plan included in Appendix E.

All soil samples obtained in the RCRA Closure Sampling were analyzed for Target Compound List (TCL) volatile organics, TCL acid extractable compounds, total PHC, TCL base neutral compounds plus 15 peaks (BN+15), TCL polychlorinated biphenyls (PCBs), lead, mercury and cyanide. The analytical results indicated varying concentrations of PHC, cyanide, mercury and lead in all soil samples, including a background sample. Lead and mercury were detected below ECRA guidelines. One sample obtained from around the Bldg 16 storage pad area exhibited a significant concentration of PHC (4,890 ppm). PHC was detected at much lower levels in all other samples from around Bldg 16 and Bldg 7A. One sample from the Bldg 16 storage area exhibited cyanide at 19.9 ppm, slightly above the ECRA guideline of 12 ppm. The location of this area and a summary of the facts included herein are presented on Figure 5-1 and Table 5-1, respectively.

5.3 Former Nitine Specialty Chemicals Sampling

Nitine Specialty Chemicals (Nitine) operated at the Shulton Clifton facility in Bldgs 6 and 7 up until approximately 1971-1972. Nitine performed various functions including, but not limited to, the repackaging of hexachlorophene. The interiors of the former Nitine buildings were inspected and sampled by the NJDEP in the autumn of 1983. The inspection and sampling was part of a program initiated by the NJDEP and designed to investigate current and former "users" of potential tetrachlorodibenzo dioxin compound precursors (such as hexachlorophene).

A total of three samples were obtained by the NJDEP and analyzed for tetrachlorodibenzo dioxin compounds (TCDD) by Environmental Testing and Certification Corporation of Edison, New Jersey. Sample locations were referenced as "xcolumn", "xtrench" and "xdoorway". Per the analytical results, TCDD compounds were not detected in any of the samples. No

concentration detected in the sample obtained from MW-8 was 83.1 ppb. Lead also was detected in two other site monitoring wells; 13 ppb in MW-4 and 43 ppb in MW-9.

PHC, phenols, pesticides and PCBs were not detected in the sample obtained from MW-9. PP metals and CN were below the corresponding ECRA guidelines. Total target VO compounds were detected in excess of the ECRA guideline of 10 ppb in water. The sample exhibited 396.7 ppb of total target VO compounds; comprised of 30 ppb ethyl benzene, 6.7 ppb toluene and 360 ppb total xylenes. A total of 72 ppb of tentatively identified compounds were also detected. The target VO compounds noted in MW-9 are typical gasoline constituents. The sample exhibited a total target BN concentration of 2.29 ppb, below the ECRA guideline of 50 ppb. No target AE compounds were detected in MW-9.

6.6 Orange Material - Weasel Brook

One branch of Weasel Brook runs through the eastern portion of the site and a second branch borders the site along its southern property line. A drainage swale joins the eastern branch of Weasel Brook northeast of Bldg 16. An orange floc material accompanied by a sheen was noted in a number of places on-site, particularly in areas of standing water along Weasel Brook and in a drainage swale discharging to Weasel Brook. A similar type of sheen also was noted in wet soils adjacent to a fire hydrant east of Bldg 11 and along the western bank of Weasel Brook. The sheen was noted in soil depressions surrounding the fire hydrant. Orange floc material was noted along the brook banks in the vicinity of the fire hydrant.

6.6.1 Summary of Sampling

As shown on Figure 6-1, two grab samples (G-1 and G-2) were obtained to identify any potential contaminants associated with the orange material and sheen. One sediment sample (G-1) was collected from the drainage

swale northeast of Bldg 14 and one soil sample (G-2) was collected on the bank of Weasel Brook, east of MW-8. G-1 registered a slightly elevated reading on the PID meter but no elevated reading was recorded for G-2. Both grab samples were analyzed for PP+40 (including CN and phenols), PHC and iron.

6.6.2 Analytical Results

VO compounds and PCBs were not detected and PHC and priority pollutant metals were detected at levels below respective ECRA guidelines in samples G-1 and G-2. A single pesticide, 4,4'-DDD, was detected in sample G-2 at 0.17 ppm; the compound was not detected in Sample G-1. Target AE compounds were not detected in either sample. Total target BN compounds were detected at 9.659 ppm sample G-2 and at 42.66 ppm in sample G-1.

Iron was detected at 15,400 ppm in G-1 and 15,300 ppm in G-2. Orange floc material is a frequently noted phenomenon in areas of naturally high iron concentration. During the sampling effort, similar iron floc was noted in the brook upstream of Route 46. Analytical results associated with the sediment/soil sampling are summarized in Table G-6.

6.7 Volatile Organic Groundwater Contamination

Three shallow wells (MW-1, MW-2 and MW-3) had been previously installed and sampled to address former underground storage tanks near Bldgs 5 and 6. Analytical results indicated the presence of chlorinated solvents in the groundwater. In order to further evaluate the volatile organic groundwater contamination, three monitoring wells (MW-5, MW-6 and MW-7) were installed on the northwestern border of the property. These wells were installed to determine if noted VO contamination in the groundwater could be attributable to an off-site source.

Compliance Management Incorporated
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SOIL SAMPLING AND ANALYTICAL RESULTS CLOSURE OF HAZARDOUS WASTE STORAGE PADS

Prepared For

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August 1990

ENVIRONMENTAL AND ENGINEERING CONSULTANTS

AEU

EXECUTIVE SUMMARY

Soil sampling and the sampling of final rinsate water generated from the decontamination of four hazardous waste storage pads was undertaken at the Shulton, Incorporated USA Clifton, New Jersey facility. The objective of this work is to allow Shulton to reclassify the Clifton facility's status from that of a hazardous waste generator and storage facility to that of a hazardous waste generator only.

Soil samples were collected from areas surrounding two storage pads, B-7A and B-16. Samples of the final rinsate water were collected at all four storage pads: B-3 Rooftop, B-3 Basement, B-7A and B-16.

Analytical results for the soil samples found low levels of contamination at storage pad B-16. Specifically, elevated concentrations of total cyanides and total petroleum hydrocarbons were found which exceeded the action levels established by the Department of Environmental Protection, Bureau of Industrial Site Evaluation.

For the rinsate samples analytical results found minor contamination from methylene chloride, chloroform, bromodichloromethane, and acetone. The methylene chloride was found in the laboratory method blanks and is the likely source of this contamination. The chloroform and bromodichloromethane are common trihalomethane contaminants found in potable water supplies due to chlorination. The presence of these two compounds in the rinsate samples is not a result of contamination from activities at the storage pads but from the City of Clifton potable water source.

Acetone was found at a low concentration at storage pad B-3 Rooftop. Based on the location of this pad, its limited access and because it is enclosed, this level of contamination is not of concern.

An elevated level of total petroleum hydrocarbons was found at storage pad B-3 Basement. The area is totally enclosed, with no floor drains exiting from this room. The planned use of the room is as a satellite accumulation area for hazardous wastes. Because of this planned use, the concentration of total petroleum hydrocarbons found is not of concern.

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RCRA FACILITY INFORMATION

Shulton, Incorporated USA ("Shulton") operates a Resource Conservation Recovery Act (RCRA) hazardous waste storage facility at 697 Route 46, Clifton, New Jersey (see Figure 1). Hazardous wastes are stored on-site for a period in excess of 90 days pursuant to N.J.A.C. 7:26-9.1 et seq. The Environmental Protection Agency RCRA Identification Number for this facility is NJD002190304.

Four areas around the facility were designated by Shulton for the storage of drummed hazardous wastes. Three areas are indoor storage located in Building 3 and Building 7, while the fourth area is an outside storage pad adjacent to Building 16. The four areas are identified on Figure 2 and are described in Table A.

SITE HISTORY

Shulton commenced operations at the Clifton plant site in 1946. Shulton currently manufactures, and has only manufactured, toiletries at this location and has Standard Industrial Classification (SIC) numbers of 2841 and 2844. These SIC numbers are for those establishments engaged in the manufacture of soap, synthetic organic detergents, inorganic alkaline detergents and combinations thereof (2841) and in manufacturing perfumes, cosmetics, and other toilet preparations (2844).

The entire Clifton plant occupies a 42 acre area. Eighteen buildings are on-site and house manufacturing, research and development, computer and office operations. Hazardous waste storage practices pursuant to RCRA requirements commenced on November 20, 1980 at the four storage areas.

Hazardous wastes are generated at various locations throughout the site. These wastes are collected from satellite locations, combined into 55 gallon drums, and placed into storage at one of the storage areas.

Hazardous materials used in Shulton's operations and non-hazardous wastes have, in the past, been stored in these locations, provided that no chemical or physical incompatibilities exist which require separate storage and/or handling requirements.

The EPA hazardous waste types currently and historically stored within these four storage areas are listed in Table B.

TABLE A

WASTE STORAGE AREAS

Storage Area Designation	Description	Total Area (sq. ft.)
B-3 Basement	7' x 15' indoor storage area in the basement portion of Building B-3. The floor of this storage area is a concrete slab 8" thick.	105
B-3 Rooftop	5' x 18' enclosed metal storage shed supported on the roof of Building B-3. This portion of the roof is comprised of an 8" thick concrete slab.	90
B-7A	11' x 12' indoor storage area located in a veranda attached to Building 7A. The floor of this veranda storage area is 5 inches thick.	132
B-16	14' x 14' outdoor storage area located off the parking lot for Building 16. This storage area is comprised of a 4" thick concrete slab on earth.	196

TABLE B

HAZARDOUS WASTE TYPES

EPA Hazardous Waste Identification Number		Estimated Generation Rate (lbs/year)
D001	Ignitable	12,628
D002	Corrosivity	3,225
D006	EP Toxicity - Cadmium	50
D011	EP Toxicity - Silver	50
P012	Arsenic (III) oxide	<2
P018	Brucine	<2
P022	Carbon bisulfide	<2
P030	Cyanides	<2
P048	2,4-Dinirophenol	<2
P092	Phenylmercuric acetate	<2
P098	Potassium cyanide	<2
P106	Sodium cyanide	<2
U001	Acetaldehyde	<2
U002	Acetone	<50
U003	Acetonitrile	<5
U044	Trichloromethane	<2
U080	Dichloromethane	5
U107	Di-n-octyl phthalate	<2
U108	1,4-Dioxane	<2
U109	1,2-Diphenylhydrazine	<2
U112	Ethyl acetate	<5
U113	Ethyl acrylate	<2
U115	Ethyl oxide	<2
U117	Ethyl ether	5
U118	Ethylmethacrylate	<2
U122	Formaldehyde	10
U123	Formic acid	<2
U125	2-Funancarboxaldehyde	<2
U132	Hexachlorophene	<2
U133	Hydrazine	<2
U138	Iodomethane	<2
U140	Isobutyl alcohol	<2
U144	Lead acetate	<2
U145	Lead phosphate	<5
U146	Lead subacetate	<2
U147	Maleic anhydride	<2
U151	Mercury	1
U154	Methanol	50
U159	Methyl ethyl ketone	10
U162	Methyl methacrylate	<2
U165	Naphthalene	<2
U169	Nitrobenzene	10
U188	Phenol	<2
U196	Pyridine	<2
U220	Toluene	50
X725	Oil spill residue	4,900
X726	Waste oil	3,200

SAMPLING PLAN

The objective of the sampling is to allow Shulton to reclassify the Clifton facility's status from that of a hazardous waste generator and storage facility to that of a hazardous waste generator only. The soil sampling around the outside storage pads B-16 and B-7A was undertaken to determine if any soil contamination is present. The sampling of the final rinse waters was done to determine the effectiveness of the decontamination procedures for the four storage areas: B-3 Basement, B-3 Rooftop, B-7A and B-16.

Shulton submitted a Soil Sampling and Analytical Plan (SSAP), dated November 1989, to the New Jersey Department of Environmental Protection (NJDEP) for its review and approval. The Closure Approval Letter submitted by the Department to Shulton added specific conditions to the SSAP regarding both the decontamination procedures and the sampling and analyses that are to be performed for the storage pads.

Those modifications, as required by the Department, were incorporated into the sampling plan and performed. The one exception was the collection of the rinsate sample from storage pad B-3 Basement. It was not possible to collect the rinsate water off the edge at this storage pad because no edge was available. After conferring with Z. Billah, of the NJDEP, it was agreed that a laboratory decontaminated stainless steel trowel would be used to collect the rinse water at this pad. We agreed that this was preferable to using a sponge to collect the sample because the use of the sponge would cause the loss of the volatile fraction. This would occur through absorption on the sponge and volatilization into the air.

Sampling Locations:

Soil sampling was performed adjacent to two storage pads, B-16 and B-7A. Pad B-16 is an outside storage pad which is surrounded on all four sides by soil. As required by the Guidelines for Preparation of RCRA Soil Sampling and Analytical Plans, four sampling points were established with one sampling point on each side of the pad. As was described in Table A, this storage pad is 14 ft x 14 ft and therefore only required one sampling point per side (see Figure 3). Samples were taken at each sampling point at the 0 to 6 inch depth for the base/neutral and acid extractable compounds, total petroleum hydrocarbons, polychlorinated biphenyls, and metals and at the 6 to 12 inch depth for the volatile organics.

Storage Pad B-7A is covered by steel roofing and is enclosed on two sides by a low steel wall. In addition, this pad is bordered on its other two sides by Building 7. Outside the two low steel walls there is a concrete sidewalk approximately 3 feet wide and then soil. Two sampling locations were located next to the sidewalk. The other two sides, as discussed above, are attached to Building 7 so that it was not possible to take samples (see Figure 3). Soil samples were taken at the 0 to 6 inch depth and at the 6 to 12 inch depth for the parameters described for B-16 at each sampling location.

A background sample was taken in a grassy area adjacent to Building 11. This location is approximately 125 feet west of Storage Pad B-7A. These soil samples were taken at depths of 0 to 6 inches and 6 to 12 inches for the parameters identified for B-16.

As was required, final rinsate samples were collected off the edge of platforms for Storage Pads B-3 Roof, B-16 and B-7A. The final rinsate sample was collected from storage pad B-3 Basement using a stainless steel trowel as described above. The rinsate samples for the other three pads were collected by allowing the rinsate to flow over the edge of the pad into the bottle. All samples were placed in appropriate sampling containers.

ANALYTICAL RESULTS

Soil Samples

Soil samples were analyzed for the Target Compound List (TCL) volatile organics, TCL acid extractable compounds and total petroleum hydrocarbons. In addition, the DEP required that the parameters be expanded to include the TCL base/neutral plus 15 compounds, TCL polychlorinated biphenyls, lead, mercury and cyanide from the Inorganic Target Analyte List (TAL).

The analytical results indicated varying concentrations of total petroleum hydrocarbons (TPHC) and the inorganic contaminants (total cyanide, mercury, and lead) in all soil samples including the background sample. Concentrations of TPHC ranged from a low of 66.5 parts per million (ppm) (S-019, Background) to a high of 4890 ppm (S-007, B-16). However, all of the TPHC concentrations were around 100 ppm with one exception as can be seen in Table C.

Lead was also found to have a large range of values for those areas sampled. The lowest concentration was found in sample S-011 (B-16) at 18.2 ppm. The highest concentration of lead was also found at this storage pad in sample S-007 at a concentration of 367 ppm. The Background sample was also found to have lead at a concentration of 62.7 ppm (see Table D).

Low concentrations of mercury were also found in the samples. These concentrations ranged from a low of 0.0829 ppm in the duplicate sample of sample S-017 (B-7A) to a high of 0.278 ppm in sample S-009 (B-16). No mercury was found in the Background sample above the minimum detection level of 0.101 ppm (see Table D).

Concentrations of total cyanide were also found in the samples. These concentrations ranged from a low of <1.40 ppm in samples S-017 and S-017 Duplicate (B-7A) to a high of 19.9 ppm in sample S-013 (B-16). No total cyanide was found in the Background sample above the minimum detection level of 1.43 ppm (see Table D).

TABLE C

SUMMARY OF ANALYSIS RESULTS
TOTAL PETROLEUM HYDROCARBONS

SAMPLE NUMBER	LOCATION	DIRECTION OF SAMPLE	MATRIX	DEPTH	CONCENTRATION (ppm*)
S-001	Field Blank		Water		<0.31
S-007	B-16	West	Soil	0 - 6 inches	4890
S-009	B-16	North	Soil	0 - 6 inches	118
S-011	B-16	East	Soil	0 - 6 inches	107
S-013	B-16	South	Soil	0 - 6 inches	99.2
S-015	B-7A	West	Soil	0 - 6 inches	105
S-017	B-7A	South	Soil	0 - 6 inches	112
S-017D**	B-7A	South	Soil	0 - 6 inches	115
S-019	Background		Soil	0 - 6 inches	65.5

*ppm = parts per million
**D = duplicate sample

TABLE D

SUMMARY OF ANALYSIS RESULTS
INORGANIC COMPOUNDS

SAMPLE NUMBER	LOCATION	DIRECTION OF SAMPLE	MATRIX	DEPTH	CONTAMINANT (ppm*) LEAD	MERCURY	CYANIDE**
S-001	F.B.		Water		<0.0030	<0.0002	<0.01
S-007	B-16	West	Soil	0 - 6"	367	0.102	<1.44
S-009	B-16	North	Soil	0 - 6"	193	0.278	2.38
S-011	B-16	East	Soil	0 - 6"	18.2	<0.0848	<1.33
S-013	B-16	South	Soil	0 - 6"	21	0.0839	19.9
S-015	B-7A	West	Soil	0 - 6"	69.1	<0.108	6.34
S-017	B-7A	South	Soil	0 - 6"	75	<0.0905	<1.40
S-017D	B-7A	South	Soil	0 - 6"	66.2	<0.0829	<1.40
S-019	Back.		Soil	0 - 6"	52.7	<0.101	<1.43

*ppm = parts per million
** concentrations are for Total Cyanides
D = duplicate sample
F.B. = Field Blank
Back. = Background

Minor concentrations of volatile and semi-volatile compounds were also found in the soil samples. Only one base/neutral compound was identified in all of the samples analyzed. Bis (2 ethylhexyl) phthalate was identified in the Field Blank (S-001) at a concentration of 10 parts per billion (ppb). This contaminant was also detected in the Procedure Blank.

None of the acid extractable compounds nor any of the polychlorinated biphenyls were detected in any of the soil samples.

Several volatile organic compounds were detected at low concentrations in several of the soil samples. Samples S-010 and S-020 (Background) did not have detectable levels of the volatile organic compounds. Methylene chloride was detected in samples S-008 (7 ppb), S-012 (8 ppb), S-016 (8 ppb), S-018 (8 ppb), S-018 Duplicate (7 ppb) and S-021 (Trip Blank) (7 ppb) (see Table E). This contaminant was also detected in the laboratory method blanks.

Acetone was also detected in several soil samples. Sample S-008 had a concentration of 115 ppb, S-012 240 ppb, S-016 246 ppb, S-018 77 ppb, and S-018 Duplicate 34 ppb. Chloroform was identified in only two samples S-014 at 15 ppb and S-018 Duplicate at 6 ppb. Sample S-012 was found to also contain 2-butanone at 74 ppb and benzene at 12 ppb (see Table E).

A library search was performed on the soil samples for the volatile organics, base/neutrals and acid extractable compounds. For the volatile organic search, carbon dioxide and several unidentifiable compounds which included cyclic hydrocarbons and alkanes were found in low concentrations in the part per billion range. For the base/neutral and acid extractable compounds, only unidentifiable compounds in the parts per billion range were identified.

Rinsate Samples

Samples from the final rinsate were taken from each of the four storage pads. These samples were taken after decontamination was completed on each of the pads. The decontamination procedure, as outlined in the Closure Approval Letter, required that pads B-7A and B-16 be steam cleaned, while storage areas B-3 Basement and B-3 Rooftop be detergent washed. All storage areas were then rinsed three times with clean, potable water.

Samples of final rinsate were collected by holding a sample bottle off the edge of the pad allowing the rinse water to drain into the bottle. This procedure was followed for all storage pads except for B-3 Basement where no edge was available to allow the rinse water to drain into the bottles. In this instance, after agreement by Z. Billah of the New Jersey Department of Environmental Protection, the rinse water was collected using a laboratory cleaned stainless steel trowel and pouring the rinse water into the sample containers.

In addition to taking the rinsate samples, one duplicate sample, a wash water blank, a field blank and trip blank were taken and analyzed from the storage pads. These samples were analyzed for the total petroleum hydrocarbons, TCL volatile organic compounds and TCL acid extractable compounds.

TABLE E

SUMMARY OF ANALYSIS RESULTS
VOLATILE AND SEMI-VOLATILE COMPOUNDS

SAMPLE NUMBER	LOCATION	DIRECTION OF SAMPLE	MATRIX	CONTAMINANT*	CONCENTRATION (ppb**)
S-001	Field Blank		Water	Bis (2-ethylhexyl) phthalate	10 B
S-008	B-16	West	Soil	Acetone	115
				Methylene chloride	7 B
S-010	B-16	North	Soil	None detectable	
S-012	B-16	East	Soil	Acetone	240
				Methylene chloride	8 B
				2-Butanone	74
				Benzene	12
S-014	B-16	South	Soil	Chloroform	15
S-016	B-7A	West	Soil	Acetone	246
				Methylene chloride	8 B
S-018	B-7A	South	Soil	Acetone	77
				Methylene chloride	8 B
S-018 D	B-7A	South	Soil	Acetone	34
				Methylene chloride	7 B
				Chloroform	6
S-020	Background		Soil	None detectable	
S-021	Trip Blank		Water	Methylene chloride	7 B

* Only compounds detected above the method detection limit are listed
** ppb = parts per billion
B = Compound also present in blank

Analysis of the rinsate samples did not indicate the presence of any acid extractable compounds. For the total petroleum hydrocarbons (TPHC), the field and wash water blanks were found not to have any levels above the minimum detection level of 0.27 milligrams per liter (mg/l). However, low levels of TPHC were identified in all other samples at concentrations which ranged from a low of 0.28 mg/l (S-34) to a high of 5.50 mg/l (S-37) (see Table F).

Four volatile organics were identified in the samples. These included methylene chloride which was also found in the wash water, field, trip and laboratory method blanks. Chloroform was identified in all of the rinsate samples and in the wash water blank. Bromodichloromethane was found in all the rinsate samples except the one from storage pad B-3 Basement. In addition to these compounds, acetone was also identified in sample S-33 which is the sample taken at the storage pad B-3 Roof (see Table G).

Concentrations of methylene chloride ranged from a low of 7 micrograms per liter (ug/l) (S-38) to a high of 16 ug/l (S-30). Chloroform concentrations ranged from a low of 19 ug/l (S-27) to a high of 99 ug/l (S-33). Bromodichloromethane concentrations ranged from a low of 8 ug/l (S-21) to a high of 18 ug/l (S-33). Acetone was found at a concentration of 37 ug/l (S-33) (see Table G).

CONCLUSIONS

Based on the analyses done to date, it can be reasonably concluded that the minor soil contamination found at storage pads B-16 and B-7A is not associated with the use of the pads as RCRA hazardous waste storage areas.

Of the soil samples which had TCL inorganic analyses, only one sample, S-013, was found to have an elevated concentration of 19.9 ppm for the total cyanides. The Bureau of Industrial Site Evaluation (BISE) has established a cleanup level in soil for total cyanides at a concentration of 12 ppm. Sample S-013, at storage pad B-16, exceeded this standard.

For lead, two samples were found to have slightly elevated concentrations. Sample S-007 has a lead concentration of 367 ppm and sample S-009 has a concentration of 193 ppm. Based on a study done by Dragun (1988), it was established that a typical range for lead in soil is between 2 and 200 ppm and extreme limits of 0.1 to 3000 ppm have also been found. This determination was developed through work done by several reserchers including the United States Geologic Survey. Here a nationwide study found a range of total lead content in soils between 10 and 700 ppm (Shacklette, et al 1971 a). Other work has been done in upstate New York (Cannon and Bowles, 1962), California (Page and Ganje, 1970) and Canada (McKeague and Wolynetz 1980) which found varying levels of lead in the soil with ranges from 10 to 1000 ppm. Based on this information, the lead concentration is relatively low.

In addition, the location of the facility adjacent to the Garden State Parkway, Route 46 and Route 20 may also impact this site with respect to increased lead concentrations in the soil. In the upstate New York study samples were taken near a major highway and lead concentrations in these samples ranged from 10 to 700 ppm. Copies of these studies can be provided upon request.

TABLE F

SUMMARY OF ANALYSIS RESULTS - RINSATE
TOTAL PETROLEUM HYDROCARBONS

SAMPLE NUMBER	LOCATION	DIRECTION OF SAMPLE	MATRIX	SOURCE	CONCENTRATION (mg/l*)
S-22	B-16	East	Water	Final Rinsate	1.35
S-25	B-16 D**	East	Water	Final Rinsate	0.48
S-28	B-16		Water	Wash water Blank	<0.27
S-31	B-7A	West	Water	Final Rinsate	0.50
S-34	B-3 Roof	South	Water	Final Rinsate	0.28
S-37	B-3 Base.	North	Water	Final Rinsate	5.50
S-39	Field Blank		Water	Laboratory Supplied	<0.27

* mg/l = milligrams per liter
** D = duplicate sample
Base. = basement

TABLE G

SUMMARY OF ANALYSIS RESULTS - RINSATE
VOLATILE AND SEMI-VOLATILE COMPOUNDS

SAMPLE NUMBER	LOCATION	DIRECTION OF SAMPLE	MATRIX	CONTAMINANT*	CONCENTRATION (ug/l**)
S-21	B-16	East	Rinsate Water	Methylene chloride	14 B
				Chloroform	37
				Bromodichloromethane	6
S-23	B-16	East	Rinsate Water	None detectable (AE)	
S-24	B-16 D	East	Rinsate Water	Methylene chloride	10 B
				Chloroform	72
				Bromodichloromethane	11
S-26	B-16 D	East	Rinsate Water	None detectable (AE)	
S-27	B-16		Wash Water	Methylene chloride	12 B
				Chloroform	19
S-29	B-16		Wash Water	None detectable (AE)	
S-30	B-7A	West	Rinsate Water	Methylene chloride	16 B
				Chloroform	76
				Bromodichloromethane	15
S-32	B-7A	West	Rinsate Water	None detectable (AE)	
S-33	B-3 Roof	South	Rinsate Water	Acetone	37
				Methylene chloride	11 B
				Chloroform	99
				Bromodichloromethane	18
S-35	B-3 Roof	South	Rinsate Water	None detectable (AE)	
S-36	B-3 Base.	North	Rinsate Water	Methylene chloride	7 B
				Chloroform	10
S-38	B-3 Base.	North	Rinsate Water	None detectable (AE)	
S-39	Field Blank			Methylene chloride	9 B
S-40	Trip Blank			Methylene chloride	8 B

* only compounds detected above the method detection limit are listed
** ug/l = micrograms per liter
B = compound also present in blank
AE = acid extractable compounds
D = duplicate sample
Base. = basement

The BISE has established a cleanup level of 1 ppm for mercury in soil. Using this number the concentrations found in all samples were far below this action level. Additionally, Dragun (1988) has reported a typical range for mercury in soil to be 0.01 to 0.08 ppm.

For the total petroleum hydrocarbons only one sample, S-007 from pad B-16, was found to have an elevated concentration at 4890 ppm. All other samples, including the background sample, were found to have some concentration of total petroleum hydrocarbons at around 100 ppm (see Table C). These concentrations are not considered to be excessive for a manufacturing facility located within an urban area. For areas such as this, levels of 400 to 500 ppm for total petroleum hydrocarbons are not unusual.

For the volatile organics found within the soil samples all were well below the BISE action level of 1 ppm.

The rinsate samples were found to contain four volatile organic compounds, including chloroform, bromodichloromethane, acetone, and methylene chloride. The methylene chloride was identified in the laboratory method blanks, which is the probable source of this contaminant. The chloroform and bromodichloromethane are most likely contaminants from The City of Clifton's potable water system. Both of these compounds are common trihalomethane contaminants found in potable water due to chlorination.

The acetone, which was identified in sample S-33 from the storage pad B-3 Roof, was found at a concentration of 37 ug/l. Based on the location of this pad on the roof of Building B-3 and because it is enclosed, this level of contamination is not of concern.

For the total petroleum hydrocarbons, the highest concentration of 5.50 mg/l was found in sample S-37 which is from pad B-3 Basement. The possible reason that this sample was higher than the other locations may be due to Shulton's practice of storing virgin oils in this room prior to their use. Again this area is totally enclosed with no floor drains exiting from this room. It is planned to continue using this room as a satellite accumulation area for the storage of hazardous wastes and non-hazardous wastes.

Let's protect our earth

CN 028
Trenton, N.J. 08625-0028

(609)633-1408

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

Michele M. Putnam
Deputy Director
Hazardous Waste Operations

John J. Trela, Ph.D., Director

Lance R. Miller
Deputy Director
Responsible Party Remedial Action

M E M O R A N D U M

TO: Facility File

FROM: Zafar Billah ZB 10/17/89

SUBJECT: Site Visit, dated October 13, 1989, Shulton, Inc., 697 Route 46, Clifton, Passaic County, EPA ID No. NJD 002 190 304; (CP-89-11).

Background:

Shulton, Inc., (the facility), is an existing hazardous waste treatment, storage and disposal facility operation under interim status. The facility originally submitted a Part A permit application with the USEPA on November 19, 1980, which was subsequently amended on April 22, 1986. As per the revised Part A, the following hazardous waste activities on site are listed:

S01, storage in containers, Process Design Capacity 5,060 gallons.

On March 16, 1987, the Bureau of Hazardous Waste Engineering (the Bureau) requested the facility to submit complete New Jersey Hazardous Waste Facility Permit Application. The facility submitted Part B permit application on September 28, 1987. After a series of review by the Bureau and other State Agencies, the permit application was declared technically complete on June 29, 1989. Subsequently a Draft Permit was issued on June 30, 1989, and comments were invited from all concerned agencies and individuals. A public hearing on the Draft Permit was scheduled for August 29, 1989.

On August 3, 1989, the facility informed the Bureau in writing that due to a reduction in operations, the facility decided to withdraw the permit application and become only a generator of hazardous waste. This decision by the facility necessitated a full closure of all the existing hazardous waste storage areas, covered by the interim status.

Site Visit:

Messers James Bridgewater and Zafar Billah of the Bureau arrived at the facility at 1030 hours. Mr. Peter Bundock,Plant Engineer, Shulton, Inc., accompanied during the site tour. The following are the highlights of the site tour:

a. B-7A drum storage area:

This is an active hazardous waste storage area, located in Building 7A. The area has a concrete patio enclosed with heavy linked fence on two sides. The other two sides abut to Building 7. There was no apparent signs of spill on the floor or around the area. The concrete staging area out side this storage had some stain marks and has exposed earthern surface. At least one soil sample shall be taken from this area and the storage area shall be decontaminated.

b. B-3 basement drum storage area:

Presently this storage area in building 3 basement is not being used to store hazardous waste. Few drums labelled as "Non RCRA Regulated Waste" was stored. The floor is concrete and no floor drain was apparent. The floor shall be decontaminated. No soil sampling will be necessary.

c. B-3 Rooftop drum storage area:

Presently this storage area on the roof of building 3 is inactive. The area is a covered metal shed with concrete pad. No stain was apparent on the pad. The pad shall be decontaminated. No soil sampling will be necessary.

d. B-16 drum storage area:

This outdoor storage area is located on the south-east side of building 16. This area consists of a concrete pad and presently inactive. There used to be a berm all around except the loading area. The berm has been dismantled since the stoppage of storing drums in this area. The concrete pad appears to be in good condition. Stain marks are apparent on the pad. Three soil samples, one on the left side of the loading ramp, on the South West side of the pad and one on the east corner of the pad shall be taken. These locations were physically shown to Mr. Bundock.

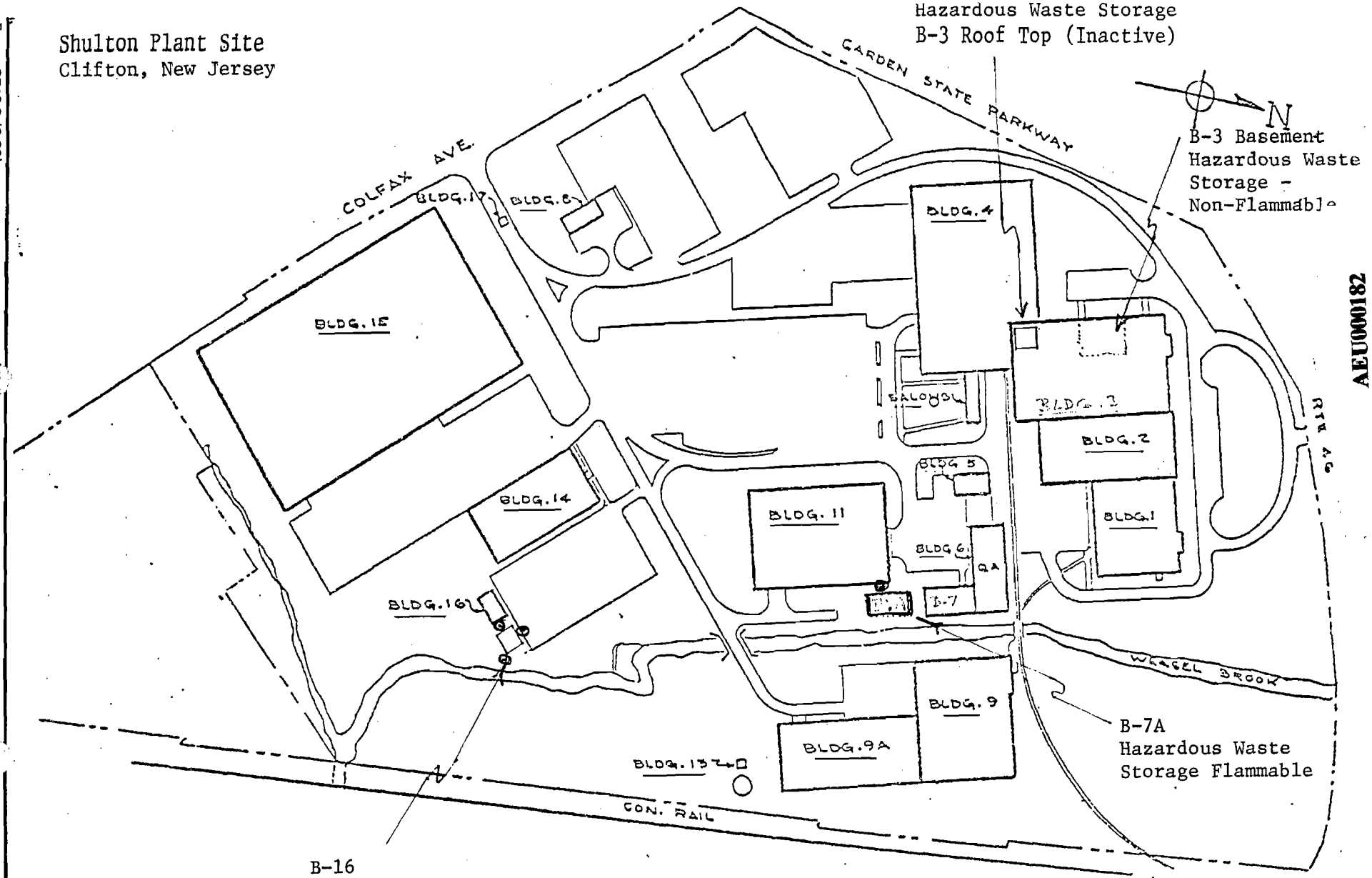
Mr. Bundock was also informed that, based on the findings of this site visit, the Bureau shall determine the soil sampling requirements. The Bureau shall also review the closure plan which is on file and inform the facility of any deficiencies including the Bureau's determination of soil sampling requirements and soil sampling guidelines. The facility will be required to submit a detailed soil sampling and analysis plan (SSAP) and revise the closure plan for the deficiencies, if any.

James Bridgewater and Zafar Billah left the facility at 1130 hours.

EP4/dbm

DOCUMENT: FILE4
FOLDER: CFDMOB

Shulton Plant Site
Clifton, New Jersey



from page 4.

ILITY DRAWING (see page 4)

AEU000182

Form Approved OMB No. 158-S80004

DEPE-081
11/91

NEW J[illegible]EY DEPARTMENT OF ENVIRONMENTAL PROTE[illegible]N AND ENERGY

CASE TRANSFER REPORT

The following case is being considered for possible reassignment of lead. See Instructions on back. 932340

ORIGINATING PROGRAM REPORT

IEC ____(Yes/No) Prox. Risk ____(Yes/No)
If Yes, complete Form DEPE-081B.

1. Bureau/Division Haz. Waste Regulation Program Name of Person Reporting Thomas Sherman Tele # 2-9880

2. SITE INFORMATION

A. Name of Site Shulton, Inc.

Operator American Cyanamid Owner American Cyanamid

AKA(s) Shulton Toiletries EPA ID # NJD 002 190 304

Address 697 Route 46 Case ID # ____

Municipality Clifton Lot ____ Block ____ County Passaic

Type of Business or Operation ____ SIC Code 2844/2841 Approx. Acreage ____

Hazardous Waste Quantity (tons) ____

B. Environmental Concerns (Check as many as apply, include number of units)

Asbestos	____	Dumpster	____	Surface Spill	____	UT (Reg.)	____
AGST	____	Floor Drain	____	Roof Drain	____	UST (Nonreg.)	____
Bldg. Decont.	____	Lagoon	____	Tank Farm	____	Waste Pile	____
Discharge	____	Seepage Pit	____	Transformer	____	Unknown	____
Drum Storage	XX	Septic System	____	MVA	____		
Monitoring Well(s)	____	Potable Well(s)	____	Other (specify)	____		

If "B" is checked, complete and attach Form DEPE-081A on contaminants or to detail other comments.

3. A. Project Activity Code Used ____ B. Was an RP Search Done? ____ (Yes/No)

4. Other NJDEPE Programs Involved in this Case are: ECRA

5. Were Local Officials notified? ☐ Yes ☐ No Date ____ Organization ____

ORIGINATING PROGRAM APPROVALS

2/17/93 — *Inspector/Date*

Anthony Fontana 2/17/93 — *Section Chief/Date*

3/1/93 — *Bureau Chief/Date*

SITE ASSESSMENT GROUP REVIEW

IEC ____(Yes/No) Prox. Risk ____(Yes/No)
If Yes, complete Form DEPE-081B.

1. Case Received: (Date) 3/3/93 Project Activity Code: ~~Not Specified~~
Assigned to: Matt Coeler (Date) 3/9/93

2. Reviewer's Evaluation (Circle One) SIN / RPS Score: ____

A. Remedial Level Determination____ (B-D) Public ____ Private ____ Transfer Sequence # ____

Reason for Determination ____

RECEIVING PROGRAM DESIGNATIONS

Per the Case Management Strategy, this case is being: * CASE LEAD VERIFICATION

(1) Transferred to: BEECRA / ECRA as the Lead Program
Contact DOUG STUART Tele # 633-7141

(2) Referred to:
Div./Bureau ____ Name ____ Action Required ____
Div./Bureau ____ Name ____ Action Required ____

SITE ASSESSMENT APPROVALS

Linda Range for BUF 3/16/93 — *Bureau Chief/Date*

Linda Range 3/16/93 — *Section Chief/Date*

Matthew Coeler 3/2/93 — *Reviewer/Date*

RECEIVING PROGRAM APPROVAL

"This is to acknowledge that case lead assignment has been approved by this Bureau."

AEU000183

____ ____
Bureau Chief/Date

COPIES: White - Receiving Program Green - Originating Program Yellow - Return to BSA Pink - Tracking Gold - Local Official

SUPPLEMENTAL CASE TRANSFER REPORT

KNOWN OR POTENTIAL SOURCES OF RELEASE

LOCATION OF CONCERN AND MEDIA AFFECTED	POLLUTANTS		ACTIONS TAKEN
GROUND WATER	SAMPLING FINDINGS	CONCENTRATION ACTION LEVEL	ACTIONS TAKEN: OUTCOME: NEXT STEP:
SURFACE WATER	SAMPLING FINDINGS	CONCENTRATION ACTION LEVEL	ACTIONS TAKEN: OUTCOME: NEXT STEP:
SOILS All soil samples were taken around the hazardous waste storage pad. All soil sampling results are summarized in the attached BEMQA memorandum.	SAMPLING FINDINGS High concentrations of Lead, Benzo (a) anthrocene, chrysene Benzo (k) fluoranthene	CONCENTRATION ACTION LEVEL	ACTIONS TAKEN: See attached BEMQA memo. OUTCOME: NEXT STEP:
AIR	SAMPLING FINDINGS	CONCENTRATION ACTION LEVEL	ACTIONS TAKEN: OUTCOME: NEXT STEP:
OTHER	SAMPLING FINDINGS	CONCENTRATION ACTION LEVEL	ACTIONS TAKEN: OUTCOME: NEXT STEP:

I.E.? SITE REQ...
THE APPROPRIATE RE...DIAL GROUP.

ORIGINATING PROGRAM REPORT

1. Bureau/Division HAZ. Waste Regulation Program Name of Person Reporting Thomas Sherman Tele # 2-9880

2. SITE INFORMATION

A. Name of Site American Cyanamid

Operator _____ Owner _____

AKA(s) Shulton Toiletries, Shulton Incorp. EPA ID # NJD002180304

Address 697 Route 46 Case ID # _____

Municipality Clifton Lot _____ Block _____ County Passaic

Type of Business or Operation _____ SIC Code 2844/2841 Approx. Acreage _____

B. Environmental Concerns (Check as many as apply, include number of units)

Asbestos		Dumpster		Surface Spill		UST (Reg.)	
AGST		Floor Drain		Roof Drain		UST (Nonreg.)	
Bldg. Decont.		Lagoon		Tank Farm		Waste Pile	
Discharge		Seepage Pit		Transformer		Unknown	
Drum Storage	XX	Septic System		MVA			
Monitoring Well(s)		Potable Well(s)		Other (specify)			

If "3" is checked, complete and attach Form DEP-081A on contaminants or to detail other comments.

3. Case Level Determination: _____ (A-D) A. Provide Priority Score (if available) _____ Ranking System Used: _____

B. Was an RP Search Done? _____ (Yes/No) C. Project Activity Code Used _____

4. Other NJDEP Programs Involved in this Case are: _____

5. Were Local Officials notified? ☐ Yes ☐ No Date _____ Organization _____

SITE ASSESSMENT GROUP REVIEW

1. DATE SI/PA COMPLETED _____
Assigned to: Matt Coefer DATE THIS FORM INITIATED 3/12/93

2. Reviewer's Evaluation

A. Case Level Determination C-1 (A-D) Public _____ Private _____

Reason for Determination Soil contamination

CASE VERIFICATION: To be completed when a site is already in an appropriate remedial group (copy of narrative should be attached).

LEAD PROGRAM: ECRA CASE MANAGER: Murdo Morrison

DATE OF LEAD VERIFICATION: 3/12/93

AEU000185

TIERRA-D-026057

'ORTANT! Rea ' ll instructions before completing.
iotocopy this sh , if you need additional forms.
ease print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 01835100000 - 2844 - 16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ibstance Name ZINC AS No. 7440 - 66 - 6 DOT No. 1436 bstance No. (if available) 2021 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERROUS SULFATE; RETAIN ROOM, BLDG, # 6
ibstance Name COPPER AS No. 7440 - 50 - 8 DOT No. ibstance No. (if available) 0528 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERROUS SULFATE; RETAIN ROOM, BLDG, # 6
ibstance Name HYDRAZINE SULFATE AS No. 10034 - 93 - 2 DOT No. bstance No. (if available) 2360 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
ibstance Name LEAD AS No. 7439 - 92 - 1 DOT No. bstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN HYDRAZINE SULFATE; RETAIN ROOM, BLDG, # 6
ibstance Name LEAD AS No. 7439 - 92 - 1 DOT No. ibstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN HYDROXYLAMINE HYDRO-CHLORIDE; RETAIN ROOM, BLDG, # 6
ibstance Name LEAD AS No. 7439 - 92 - 1 DOT No. ibstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN IRON POWDER; RETAIN ROOM, BLDG, # 6.
ibstance Name ARSENIC AS No. 7440 - 38 - 2 DOT No. 1557 ibstance No. (if available) 0152 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN IRON POWDER; RETAIN ROOM, BLDG, # 6

AEU000257

'ORTANT! Read all instructions before completing.
otocopy this sh , if you need additional forms.
ase print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

IN 0183510000C-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
	(Enter for all that apply.)	(Enter Code)	(Enter Codes, except Location(s): supply narrative.)
bstance Name IODINE MONOCHLORIDE S No. 7790-99-0 DOT No. 1792 bstance No. (if available) 1027 rcent 59 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
bstance Name IODINE S No. 7553-56-2 DOT No. 1851 bstance No. (if available) 1026 rcent 59 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
bstance Name LEAD ACETATE S No. 301-04-2 DOT No. 1616 bstance No. (if available) 1097 rcent 60 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
bstance Name NITRATE S No. DOT No. 1477 bstance No. (if available) 2584 rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	___, ___, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LEAD ACETATE; RETAIN ROOM, BLDG. # 6
bstance Name COPPER S No. 7440-50-8 DOT No. bstance No. (if available) 0528 rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	___, ___, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LEAD ACETATE; RETAIN ROOM, BLDG. # 6
bstance Name LEAD NITRATE S No. 10099-74-8 DOT No. 1469 bstance No. (if available) 1108 rcent 59 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
bstance Name COPPER S No. 7440-50-8 DOT No. bstance No. (if available) 0528 rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LEAD NITRATE; RETAIN ROOM, BLDG. # 6

AEU000258

TIERRA-D-026059

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ease print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000 - 2844 - 16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ibstance Name SILVER AS No. 7440 - 22 - 4 DOT No. bstance No. (if available) 1669 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LEAD OXIDE; RETAIN ROOM, BLDG. # 6
ibstance Name COPPER AS No. 7440 - 50-8 DOT No. ibstance No. (if available) 0528 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LEAD OXIDE; RETAIN ROOM, BLDG. # 6
ibstance Name LEAD OXIDE AS No. 1309 - 60 - 0 DOT No. 1872 bstance No. (if available) 1104 rcent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
ibstance Name LEAD DIOXIDE AS No. 1309 - 60-0 DOT No. 1872 bstance No. (if available) 1104 rcent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
ibstance Name LEAD CHROMATE AS No. 7758 - 97 - 6 DOT No. 2291 ibstance No. (if available) 1102 rcent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
ibstance Name LEAD AS No. 7439 - 92 - 1 DOT No. ibstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LITHIUM CHLORIDE; RETAIN ROOM, BLDG. # 6
ibstance Name NITRATE AS No. - - DOT No. 1477 ibstance No. (if available) 2584 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LITHIUM CHLORIDE; RETAIN ROOM, BLDG. # 6

AEU000259

TIERRA-D-026060

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16

Street Address 497 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ibstance Name NICKEL AS No. 7440-02-0 DOT No. bstance No. (if available) 1341 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	——,——,——, ——,——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LITHIUM CHLORIDE; RETAIN ROOM, BLDG. #6
ibstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 ibstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	——,——,——, ——,——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LITHIUM CHLORIDE; RETAIN ROOM, BLDG. #6
ibstance Name POTASSIUM AS No. 7440-09-7 DOT No. 2255 bstance No. (if available) 1555 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	——,——,——, ——,——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LITHIUM CHLORIDE; RETAIN ROOM, BLDG. #6
ibstance Name BARIUM AS No. 7440-39-3 DOT No. 1400 bstance No. (if available) 0180 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	——,——,——, ——,——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LITHIUM CHLORIDE; RETAIN ROOM, BLDG. #6
ibstance Name LEAD AS No. 7439-92-1 DOT No. ibstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ——, ——,——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN LITHIUM ACETATE; RETAIN ROOM, BLDG. # 6
ibstance Name LEAD AS No. 7439-92-1 DOT No. ibstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ——, ——,——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MANGANOUS CHLORIDE; RETAIN ROOM, BLDG. # 6,
ibstance Name NITROGEN AS No. 7727-37-9 DOT No. 1066 ibstance No. (if available) 1375 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	——,——,——, ——,——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM ACETATE; RETAIN ROOM, BLDG. # 6,

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ase print or type all responses.

Reporting Period: January 1 - December 31, 1988

ILITY IDENTIFICATION AND SITE LOCATION

IN 01835100000-2844-16

Street Address 697 ROUTE 46

lity Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name LEAD .S No. 7439-92-1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 46,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM ACETATE, RETAIN ROOM, BLDG. #6
ibstance Name POTASSIUM \S No. 7440-09-7 DOT No. 2255 bstance No. (if available) 1555 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM ACETATE, RETAIN ROOM, BLDG. #6
bstance Name MANGANESE .S No. 7439-96-5 DOT No. bstance No. (if available) 1155 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM ACETATE, RETAIN ROOM, BLD. #6.
bstance Name SODIUM .S No. 7440-23-5 DOT No. 1428 bstance No. (if available) 1674 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM ACETATE; RETAIN ROOM, BLDG. #6
bstance Name CALCIUM .S No. 7440-70-2 DOT No. 1401 bstance No. (if available) 0309 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM ACETATE, RETAIN ROOM, BLDG. #6
bstance Name STRONTIUM .S No. 7440-24-6 DOT No. 1434 bstance No. (if available) rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM ACETATE; RETAIN ROOM, BLDG. #6
bstance Name CALCIUM .S No. 7440-70-2 DOT No. 1401 bstance No. (if available) 0309 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CARBONATE; RETAIN ROOM, BLDG. #6

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ease print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ibstance Name: LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CARBONATE; RETAIN ROOM, BLDG, # 6.
ibstance Name NITRATE AS No. DOT No. 1477 ibstance No. (if available) 2584 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CARBONATE; RETAIN ROOM, BLDG, # 6
ibstance Name BARIUM AS No. 7440-39-3 DOT No. 1400 bstance No. (if available) 0180 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CHLORIDE; RETAIN ROOM, BLDG, # 6
ibstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 bstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CHLORIDE; RETAIN ROOM, BLDG, # 6
ibstance Name MANGANESE AS No. 7439-96-5 DOT No. ibstance No. (if available) 1155 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CHLORIDE; RETAIN ROOM, BLDG, # 6.
ibstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CHLORIDE; RETAIN ROOM, BLDG. # 6
ibstance Name NITRATE AS No. DOT No. 1477 bstance No. (if available) 2584 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CHLORIDE; RETAIN ROOM, BLDG. # 6

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TIERRA-D-026063

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

:IN 0 18351 00000 - 2844 - 16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name SODIUM \S No. 7440 - 23 - 5 DOT No. 1428 bstance No. (if available) 1674 rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CHLORIDE; RETAIN ROOM, BLDG. # 6
ibstance Name STRONTIUM AS No. 7440 - 24 - 6 DOT No. 1434 ibstance No. (if available) rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CHLORIDE, RETAIN ROOM, BLDG. # 6
bstance Name POTASSIUM \S No. 7440 - 09 - 7 DOT No. 2255 bstance No. (if available) 1555 rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM CHLORIDE; RETAIN ROOM, BLDG. # 6
ibstance Name MAGNESIUM NITRATE \S No. 10377 - 60 - 3 DOT No. 1474 bstance No. (if available) 1143 rcent 59 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	68, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
bstance Name STRONTIUM \S No. 7440 - 24 - 6 DOT No. 1434 bstance No. (if available) rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM NITRATE; RETAIN ROOM, BLDG. # 6
ibstance Name LEAD \S No. 7439 - 92 - 1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM NITRATE; RETAIN ROOM, BLDG. # 6
ibstance Name SODIUM \S No. 7440 - 23 - 5 DOT No. 1428 bstance No. (if available) 1674 rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM NITRATE; RETAIN ROOM, BLDG. # 6

AEU000263

TIERRA-D-026064

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ibstance Name MANGANESE AS No. 7439-96-5 DOT No. bstance No. (if available) 1155 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	,,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM NITRATE; RETAIN ROOM, BLDG. # 6
ibstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 ibstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	,,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM NITRATE; RETAIN ROOM, BLDG. # 6
ibstance Name BARIUM AS No. 7440-39-3 DOT No. 1400 bstance No. (if available) 0180 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	,,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM NITRATE; RETAIN ROOM, BLDG # 6
ibstance Name POTASSIUM AS No. 7440-09-7 DOT No. 2255 bstance No. (if available) 1555 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	,,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM NITRATE; RETAIN ROOM, BLDG. # 6
ibstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 ibstance No. (if available) 0152 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 64, ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM SULFATE; RETAIN ROOM, BLDG. # 6
ibstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 ibstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	,,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM SULFATE; RETAIN ROOM, BLDG. # 6
ibstance Name MANGANESE AS No. 7439-96-5 DOT No. bstance No. (if available) 1155 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	,,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM SULFATE; RETAIN ROOM, BLDG. # 6

AEU000264

TIERRA-D-026065

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ibstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ xide) (Code) (Check if Claiming)	67, 66, ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM SULFATE; RETAIN ROOM, BLDG. # 6
ibstance Name NITRATE AS No. DOT No. 1477 ibstance No. (if available) 2584 ercent 51 State S Trade Secret ☐ xide) (Code) (Check if Claiming)	, , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MAGNESIUM SULFATE; RETAIN ROOM, BLDG. # 6
ibstance Name MERCURIC OXIDE, RED AS No. 21908-53-2 DOT No. 2811 bstance No. (if available) 2537 ercent 60 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
ibstance Name NITROGEN AS No. 7727-37-9 DOT No. 1066 bstance No. (if available) 1375 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	, , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MERCURIC OXIDE, RED; RETAIN ROOM, BLDG. # 6
ibstance Name MERCURIC SULFATE AS No. 7783-35-9 DOT No. 1645 ibstance No. (if available) 1177 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
ibstance Name LEAD AS No. 7439-92-1 DOT No. ibstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MERCURIC SULFATE; RETAIN ROOM, BLDG. # 6
ibstance Name NITRATE AS No. DOT No. 1477 ibstance No. (if available) 2584 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	, , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MERCURIC SULFATE; RETAIN ROOM, BLDG. # 6

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ase print or type all responses.

Reporting Period: January 1 - December 31, 1988

ILITY IDENTIFICATION AND SITE LOCATION

IN C183510000-2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name MERCURIC ACETATE S No. 1600-27-7 DOT No. 1629 bstance No. (if available) 1166 rcent 59 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
bstance Name MERCURY S No. 7439-97-6 DOT No. 2025 bstance No. (if available) 1183 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MERCURIC ACETATE; RETAIN ROOM, BLDG. #6
bstance Name LEAD S No. 7439-92-1 DOT No. ___ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MERCURIC ACETATE; RETAIN ROOM, BLDG. #6
bstance Name NITRATE S No. ___ DOT No. 1477 bstance No. (if available) 2584 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MERCURIC ACETATE; RETAIN ROOM, BLDG. #6
bstance Name MERCURIC BROMIDE S No. 7789-47-1 DOT No. 1634 bstance No. (if available) 1169 rcent 59 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
bstance Name MERCURY, TRIPLE-DISTILLED S No. 7439-97-6 DOT No. 2025 bstance No. (if available) ___ rcent 60 State L Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
bstance Name MERCURIC CHLORIDE S No. 7487-94-7 DOT No. 1624 bstance No. (if available) 1170 rcent 60 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

IN 01835100000-2544-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ubstance Name MERCURIC IODIDE AS No. 7774-29-0 DOT No. 1638 ubstance No. (if available) 1172 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, #6
ubstance Name MERCUROUS MERCURY AS No. 7439-97-6 DOT No. 2025 ubstance No. (if available) 1183 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MERCURIC IODIDE; RETAIN ROOM, BLDG, #6
ubstance Name MERCURY POTASSIUM IODIDE AS No. 7783-33-7 DOT No. 1643 ubstance No. (if available) 1192 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, #6
ubstance Name MERCUROUS OXIDE AS No. 15829-53-5 DOT No. 1641 ubstance No. (if available) 1191 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, #6
ubstance Name FERROUS AMMONIUM SULFATE AS No. 10045-89-3 DOT No. 9122 ubstance No. (if available) 0928 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, #6
ubstance Name MANGANESE AS No. 7439-96-5 DOT No. ubstance No. (if available) 1155 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERROUS AMMONIUM SULFATE; RETAIN ROOM, BLDG, #6
ubstance Name ZINC AS No. 7440-66-6 DOT No. 1436 ubstance No. (if available) 2021 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERROUS AMMONIUM SULFATE; RETAIN ROOM, BLDG, #6

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ease print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
ubstance Name COPPER AS No. 7440-50-8 DOT No. ubstance No. (if available) 0528 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERROUS AMMONIUM SULFATE; RETAIN ROOM, BLDG. # 6
ubstance Name LEAD AS No. 7439-92-1 DOT No. ubstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHLORIDE; RETAIN ROOM, BLDG # 6
ubstance Name BARIUM AS No. 7440-39-3 DOT No. 1400 ubstance No. (if available) 0180 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHLORIDE; RETAIN ROOM, BLDG. # 6
ubstance Name NITROGEN AS No. 7727-37-9 DOT No. 1066 ubstance No. (if available) 1375 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHLORIDE; RETAIN ROOM, BLDG. # 6
ubstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 ubstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHLORIDE; RETAIN ROOM, BLDG. # 6
ubstance Name NITRATE AS No. DOT No. 1477 ubstance No. (if available) 2584 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHLORIDE; RETAIN ROOM, BLDG. # 6
ubstance Name NICKEL (METAL) AS No. 7440-02-0 DOT No. ubstance No. (if available) 1341 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6

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Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

JEIN 018351000000-2844-16

Street Address 697 ROUTE 46

acility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name OXALIC ACID CAS No. 144-62-7 DOT No. 2449 Substance No. (if available) 1445 Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 67, 66, ___, ___, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s): supply narrative.) Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, #6
Substance Name NITROGEN CAS No. 7727-37-9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN OXALIC ACID; RETAIN ROOM, BLDG, #6
Substance Name CALCIUM CAS No. 7440-70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN OXALIC ACID; RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. ___ Substance No. (if available) 1096 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN OXALIC ACID; RETAIN ROOM, BLDG. #6
Substance Name NITROGEN CAS No. 7727-37-9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM BROMIDE; RETAIN ROOM, BLDG, #6
Substance Name SODIUM CAS No. 7440-23-5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM BROMIDE; RETAIN ROOM, BLDG, #6
Substance Name BARIUM CAS No. 7440-39-3 DOT No. 1400 Substance No. (if available) 0180 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM BROMIDE; RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

IN 018351 00000 - 2844 - 16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
ibstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 bstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM BROMIDE; RETAIN ROOM, BLDG. #6
ibstance Name POTASSIUM CYANIDE AS No. 151-50-8 DOT No. 1680 ibstance No. (if available) 1562 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG# 6
ibstance Name LEAD AS No. 7439-92-1 DOT No. ___ ibstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CYANIDE; RETAIN ROOM, BLDG. # 6
ibstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 ibstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CYANIDE; RETAIN ROOM, BLDG. # 6
ibstance Name LEAD AS No. 7439-92-1 DOT No. ___ ibstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM IODIDE; RETAIN ROOM, BLDG. #6
ibstance Name NITROGEN AS No. 7727-37-9 DOT No. 1066 ibstance No. (if available) 1375 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PHOSPHATE MONOBASIC; RETAIN ROOM, BLDG# 6
ibstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 ibstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PHOSPHATE; MONOBASIC; RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 01835100000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
ubstance Name LEAD AS No. 7439-92-1 DOT No. ____ ubstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PHOSPHATE, MONOBASIC; RETAIN ROOM, BLDG. #6
ubstance Name PHENYLHYDRAZINE HYDROCHLORIDE AS No. 59-88-1 DOT No. 2572 ubstance No. (if available) 2659 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG #6
ubstance Name LEAD AS No. 7439-92-1 DOT No. ____ ubstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM BICARBONATE; RETAIN ROOM, BLDG. #6
ubstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 ubstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM BICARBONATE; RETAIN ROOM, BLDG. #6
ubstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 ubstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM BROMATE; RETAIN ROOM, BLDG. #6
ubstance Name LEAD AS No. 7439-92-1 DOT No. ____ ubstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM BROMATE; RETAIN ROOM, BLDG. #6.
ubstance Name NITROGEN AS No. 7727-37-9 DOT No. 1066 ubstance No. (if available) 1375 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM BROMATE; RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 01835100000 - 2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ubstance Name NITROGEN AS No. 7727 - 37-9 DOT No. 1066 ubstance No. (if available) 1375 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PHOSPHATE DIBASIC; RETAIN ROOM, BLDG. #6
ubstance Name LEAD AS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ____ ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PHOSPHATE, DIBASIC; RETAIN ROOM, BLDG #6
ubstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 ubstance No. (if available) 0152 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PHOSPHATE, DIBASIC; RETAIN ROOM, BLDG. #6
ubstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 ubstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PHOSPHATE, DIBASIC; RETAIN ROOM, BLDG. #6
ubstance Name MANGANESE AS No. 7439-96-5 DOT No. ____ ubstance No. (if available) 1155 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM META PERIODATE; RETAIN ROOM, BLDG #6
ubstance Name O-PHENYL PHENOL AS No. 90-43-7 DOT No. ____ ubstance No. (if available) 1439 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	68, 67, 66, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
ubstance Name POTASSIUM DICHROMATE AS No. 7778-50-9 DOT No. 1479 ubstance No. (if available) 1564 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 01835100000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 070105

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
	(Enter for all that apply.)	(Enter Code)	(Enter Codes, except Location(s); supply narrative.)
ubstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 ubstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____,____,____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM DICHROMATE; RETAIN ROOM, BLDG. #6
ubstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 ubstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____,____,____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM DICHROMATE; RETAIN ROOM, BLDG. #6
ubstance Name PHOSPHOROUS PENTOXIDE AS No. 1314-56-3 DOT No. 1807 ubstance No. (if available) 1517 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____,____,____,____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
ubstance Name PHOSPHOROUS TRIOXIDE AS No. 1314-24-5 DOT No. 2578 ubstance No. (if available) 1532 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____,____,____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN PHOSPHOROUS PENTOXIDE; RETAIN ROOM, BLDG. #6
ubstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 ubstance No. (if available) 0152 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____,____,____,____	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container 39 Conditions 01 04 Location(s) IN PHOSPHOROUS PENTOXIDE; RETAIN ROOM, BLDG. #6
ubstance Name POTASSIUM CHLORATE AS No. 3811-04-9 DOT No. 1485 ubstance No. (if available) 1560 ercent 60 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	70, ____,____,____,____,____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
ubstance Name BROMATE AS No. DOT No. 1450 ubstance No. (if available) 2180 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____,____,____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHLORATE; RETAIN ROOM, BLDG #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 01835100000-2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
ubstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 ubstance No. (if available) 0152 ercent 51 (Code) State S (Code) Trade Secret ☐ (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHLORATE; RETAIN ROOM, BLDG. # 6
ubstance Name LEAD AS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ercent 51 (Code) State S (Code) Trade Secret ☐ (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHLORATE; RETAIN ROOM, BLDG. # 6
ubstance Name NITROGEN AS No. 7727-37-9 DOT No. 1066 ubstance No. (if available) 1375 ercent 51 (Code) State S (Code) Trade Secret ☐ (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHLORATE; RETAIN ROOM, BLDG. # 6
ubstance Name POTASSIUM NITRATE AS No. 7757-79-1 DOT No. 1486 ubstance No. (if available) 1574 ercent 60 (Code) State S (Code) Trade Secret ☐ (Check if Claiming)	70,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
ubstance Name NITRITE AS No. - - DOT No. 2627 ubstance No. (if available) 2587 ercent 51 (Code) State S (Code) Trade Secret ☐ (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 265 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM NITRATE; RETAIN ROOM, BLDG # 6
ubstance Name LEAD AS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ercent 51 (Code) State S (Code) Trade Secret ☐ (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM NITRATE; RETAIN ROOM, BLDG. # 6
ubstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 ubstance No. (if available) 0309 ercent 51 (Code) State S (Code) Trade Secret ☐ (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM NITRATE; RETAIN ROOM, BLDG. # 6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16

Street Address 697 ROUTE 46

cility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
ubstance Name LEAD AS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66, , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM THIOCYANATE; RETAIN ROOM, BLDG. # 6
ubstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 ubstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	, , , , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM THIOCYANATE; RETAIN ROOM, BLDG. # 6
ubstance Name POTASSIUM PERSULFATE AS No. 7727-21-1 DOT No. 1492 ubstance No. (if available) 1580 ercent 60 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	68, , , , , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
ubstance Name MANGANESE AS No. 7439-96-5 DOT No. ubstance No. (if available) 1155 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	, , , , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PERSULFATE; RETAIN ROOM, BLDG. # 6
ubstance Name NITROGEN AS No. 7727-37-9 DOT No. 1066 ubstance No. (if available) 1375 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	, , , , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PERSULFATE; RETAIN ROOM, BLDG. # 6
ubstance Name LEAD AS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66, , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PERSULFATE; RETAIN ROOM, BLDG. # 6
ubstance Name POTASSIUM CHROMATE AS No. 7789-00-6 DOT No. 9142 ubstance No. (if available) ercent 60 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66, , , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6

AEU000275

TIERRA-D-026076

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ease print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
ubstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 ubstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	(Enter for all that apply.)	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHROMATE; RETAIN ROOM, BLDG. #6
ubstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 ubstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM CHROMATE; RETAIN ROOM, BLDG. #6
ubstance Name LEAD AS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM ACETATE; RETAIN ROOM, BLDG. #6
ubstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 ubstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM ACETATE; RETAIN ROOM, BLDG. #6
ubstance Name NITROGEN AS No. 7727-37-9 DOT No. 1066 ubstance No. (if available) 1375 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM SULFATE; RETAIN ROOM, BLDG. #6
ubstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 ubstance No. (if available) 0152 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM SULFATE; RETAIN ROOM, BLDG. #6
ubstance Name LEAD AS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM SULFATE; RETAIN ROOM, BLDG. #6

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ase print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN C1835100000-2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
bstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 bstance No. (if available) 1674 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	——,——,—— ——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM SULFATE; RETAIN ROOM, BLDG. #6
bstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 bstance No. (if available) 0309 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	——,——,—— ——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM SULFATE; RETAIN ROOM, BLDG. #6
bstance Name PANCREATIN AS No. 8049-47-6 DOT No. 1851 bstance No. (if available) 1452 rcent 60 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	——,——,—— ——	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
bstance Name LEAD AS No. 7439-92-1 DOT No. 1096 bstance No. (if available) rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM IODATE; RETAIN ROOM, BLDG. #6
bstance Name NITROGEN AS No. 7727-37-9 DOT No. 1066 bstance No. (if available) 1375 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	——,——,—— ——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM IODATE; RETAIN ROOM, BLDG. #6
bstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 bstance No. (if available) 1674 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	——,——,—— ——	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM IODATE; RETAIN ROOM, BLDG. #6
bstance Name POTASSIUM PERMANGANATE AS No. 7722-64-7 DOT No. 1490 bstance No. (if available) 1578 rcent 60 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	68, 67, 66, ——	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6

AEU000277

TIERRA-D-026078

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ase print or type all responses

Reporting Period. January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000co-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): specify narrative.)
bstance Name POTASSIUM NITRITE S No. 7758-09-0 DOT No. 1488 bstance No (if available) 1575 rcent 59 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	70	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
bstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 bstance No. (if available) 0309 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM NITRITE; RETAIN ROOM, BLDG. # 6
bstance Name LEAD S No. 7439-92-1 DOT No. 1096 bstance No. (if available) rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM NITRITE; RETAIN ROOM, BLDG. # 6
bstance Name SODIUM S No. 7440-23-5 DOT No. 1428 bstance No. (if available) 1674 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM NITRITE; RETAIN ROOM, BLDG. # 6
bstance Name LEAD S No. 7439-92-1 DOT No. 1096 bstance No. (if available) rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PHOSPHATE, TRIBASIC; RETAIN ROOM, BLDG. # 6
bstance Name NITROGEN S No. 7727-37-9 DOT No. 1066 bstance No. (if available) 1375 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PHOSPHATE, TRIBASIC; RETAIN ROOM, BLDG. # 6
bstance Name ARSENIC S No. 7440-38-2 DOT No. 1557 bstance No. (if available) 0152 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PHOSPHATE, TRIBASIC; RETAIN ROOM, BLDG. # 6

AEU000278

TIERRA-D-026079

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ase print or type all responses.

Reporting Period: January 1 - December 31, 1988

ILITY IDENTIFICATION AND SITE LOCATION

IN 01835100000-2544-16

Street Address 697 ROUTE 46

lity Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
stance Name LEAD S No. 7439-92-1 DOT No. 1096 stance No. (if available) cent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM SODIUM TARTRATE; RETAIN ROOM, BLDG. #6
bstance Name CALCIUM S No. 7440-70-2 DOT No. 1401 stance No. (if available) 0309 cent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM SODIUM TARTRATE; RETAIN ROOM, BLDG. #6
stance Name LEAD S No. 7439-92-1 DOT No. 1096 stance No. (if available) cent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PYROSULFATE; RETAIN ROOM, BLDG. #6
stance Name CALCIUM S No. 7440-70-2 DOT No. 1401 stance No. (if available) 0309 cent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN POTASSIUM PYROSULFATE; RETAIN ROOM, BLDG. #6
stance Name POTASSIUM S No. 7440-09-7 DOT No. 2255 stance No. (if available) 1555 cent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM CARBONATE; RETAIN ROOM, BLDG. #6
stance Name LEAD S No. 7439-92-1 DOT No. 1096 stance No. (if available) cent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM CARBONATE; RETAIN ROOM, BLDG. #6
stance Name ARSENIC S No. 7440-38-2 DOT No. 1557 stance No. (if available) 0152 cent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM CARBONATE; RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

IEIN 018351000000-2844-16

Street Address 697 ROUTE 46

icility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name CALCIUM CAS No. 7440-70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	,,, ,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM CARBONATE; RETAIN ROOM, BLDG. # 6
Substance Name NITROGEN CAS No. 7727-37-9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	,,, ,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM CARBONATE; RETAIN ROOM, BLDG. # 6
Substance Name RESORCINOL CAS No. 108-46-3 DOT No. 2876 Substance No. (if available) 1634 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, ,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
Substance Name NITROGEN CAS No. 7727-37-9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	,,, ,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM THIOSULFATE; RETAIN ROOM, BLDG. # 6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, ,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM SULFATE; RETAIN ROOM, BLDG # 6
Substance Name ARSENIC CAS No. 7440-38-2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, ,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM SULFATE; RETAIN ROOM, BLDG. # 6.
Substance Name CALCIUM CAS No. 7440-70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	,,, ,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM SULFATE; RETAIN ROOM, BLDG. # 6

AEU000280

TIERRA-D-026081

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Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

IEIN 018351000000-2847-16

Street Address 697 ROUTE 46

icility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name NITROGEN CAS No. 7727-37-9 DOT No. 1066 ubstance No. (if available) 1375 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	(Enter for all that apply.)	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01 04 Location(s) IN SODIUM SULFATE; RETAIN ROOM, BLDG. #6
Substance Name SILVER NITRATE CAS No. 7761-88-8 DOT No. 1493 Substance No. (if available) ercent 59 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SILVER NITRATE; RETAIN ROOM, BLDG. #6
Substance Name COPPER CAS No. 7440-50-8 DOT No. ubstance No. (if available) 0528 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SILVER NITRATE; RETAIN ROOM, BLDG. #6
Substance Name SODIUM DICHROMATE CAS No. 10588-01-9 DOT No. 1479 Substance No. (if available) 1695 ercent 59 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	66	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name CALCIUM CAS No. 7440-70-2 DOT No. 1401 ubstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM DICHROMATE; RETAIN ROOM, BLDG. #6.
Substance Name BARIUM CAS No. 7440-39-3 DOT No. 1400 ubstance No. (if available) 0180 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM BROMIDE; RETAIN ROOM, BLDG. #6

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TIERRA-D-026082

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

FEIN 01835100000-2844-16 | Street Address 697 ROUTE 46

Facility Name SHULTON, INC. | City CLIFTON | State NJ | Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
Substance Name LEAD; CAS No. 7439-92-1; DOT No. 1096; Substance No. (if available) ; Percent (Code) 51; State (Code) S; Trade Secret (Check if Claiming) ☐	67, 66	Max. Daily 09; Avg. Daily 09; Days Onsite (Actual Number) 365	Container 39; Conditions 01 04; Location(s) IN SILVER BROMIDE; RETAIN ROOM, BLDG. #6
Substance Name BROMATE; CAS No. ; DOT No. 1450; Substance No. (if available) 2180; Percent (Code) 51; State (Code) S; Trade Secret (Check if Claiming) ☐		Max. Daily 09; Avg. Daily 09; Days Onsite (Actual Number) 365	Container 39; Conditions 01 04; Location(s) IN SODIUM BROMIDE; RETAIN ROOM, BLDG. #6
Substance Name LEAD; CAS No. 7439-92-1; DOT No. 1096; Substance No. (if available) ; Percent (Code) 51; State (Code) S; Trade Secret (Check if Claiming) ☐	67, 66	Max. Daily 09; Avg. Daily 09; Days Onsite (Actual Number) 365	Container 39; Conditions 01 04; Location(s) IN SODIUM ACETATE; RETAIN ROOM, BLDG. #6
Substance Name CALCIUM; CAS No. 7440-70-2; DOT No. 1401; Substance No. (if available) 0309; Percent (Code) 51; State (Code) S; Trade Secret (Check if Claiming) ☐		Max. Daily 09; Avg. Daily 09; Days Onsite (Actual Number) 365	Container 39; Conditions 01 04; Location(s) IN SODIUM ACETATE; RETAIN ROOM, BLDG. #6
Substance Name SODIUM HYDROXIDE; CAS No. 1310-73-2; DOT No. 1823; Substance No. (if available) 1706; Percent (Code) 59; State (Code) S; Trade Secret (Check if Claiming) ☐	67, 66	Max. Daily 10; Avg. Daily 10; Days Onsite (Actual Number) 365	Container 39; Conditions 01 04; Location(s) RETAIN ROOM, BLDG. #6
Substance Name LEAD; CAS No. 7439-92-1; DOT No. 1096; Substance No. (if available) ; Percent (Code) 51; State (Code) S; Trade Secret (Check if Claiming) ☐	67, 66	Max. Daily 09; Avg. Daily 09; Days Onsite (Actual Number) 365	Container 39; Conditions 01 04; Location(s) IN SODIUM HYDROXIDE; RETAIN ROOM, BLDG. #6
Substance Name NITROGEN; CAS No. 7727-37-9; DOT No. 1066; Substance No. (if available) 1375; Percent (Code) 51; State (Code) S; Trade Secret (Check if Claiming) ☐		Max. Daily 09; Avg. Daily 09; Days Onsite (Actual Number) 365	Container 39; Conditions 01 04; Location(s) IN SODIUM HYDROXIDE; RETAIN ROOM, BLDG. #6

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ise print or type all responses.

Reporting Period: January 1 - December 31, 1988

LITY IDENTIFICATION AND SITE LOCATION

N 018351000000-2844-16

Street Address 697 ROUTE 46

ty Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
stance Name NICKEL S No. 7440-02-0 DOT No. stance No. (if available) 1341 cent 51 State S Trade Secret ☐ le) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM HYDROXIDE; RETAIN ROOM, BLDG. # 6
stance Name MERCURY S No. 7439-97-6 DOT No. 2025 stance No. (if available) 1183 cent 51 State S Trade Secret ☐ le) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM HYDROXIDE; RETAIN ROOM, BLDG # 6
stance Name POTASSIUM S No. 7440-09-7 DOT No. 2255 stance No. (if available) 1555 cent 51 State S Trade Secret ☐ le) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODUM HYDROXIDE; RETAIN ROOM, BLDG. #6
stance Name SODIUM ARSENITE S No. 7784-46-5 DOT No. 1686 stance No. (if available) ___ cent 59 State S Trade Secret ☐ le) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
stance Name LEAD S No. 7439-92-1 DOT No. 1096 stance No. (if available) ___ cent 51 State S Trade Secret ☐ le) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM ARSENITE; RETAIN ROOM, BLDG. # 6
stance Name LEAD S No. 7439-92-1 DOT No. 1096 stance No. (if available) ___ cent 51 State S Trade Secret ☐ le) (Code) (Check if Claiming)	___, ___, ___, 67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM CITRATE; RETAIN ROOM, BLDG. # 6
stance Name AMMONIA S No. 7664-41-7 DOT No. 1005 stance No. (if available) 0084 cent 51 State S Trade Secret ☐ le) (Code) (Check if Claiming)	67, 64, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM CITRATE; RETAIN ROOM, BLDG. # 6

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Photocopy this sheet, if you need additional forms.
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Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

IEIN 0183510000-2894-16

Street Address 697 ROUTE 46

icility Name SHALTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name CALCIUM CAS No. 7440-70-2 DOT No. 1401 ubstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	(Enter for all that apply.)	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01 04 Location(s) IN SODIUM CITRATE; RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM DODECYL SULPHATE; RETAIN ROOM, BLDG #6
Substance Name COPPER CAS No. 7440-50-8 DOT No. ubstance No. (if available) 0528 ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM DODECYL SULPHATE; RETAIN ROOM, BLDG #6
Substance Name SODIUM CYANIDE CAS No. 143-33-9 DOT No. 1689 ubstance No. (if available) 1693 ercent 59 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM CYANIDE; RETAIN ROOM, BLDG. #6
Substance Name SODIUM NITRATE CAS No. 7631-99-4 DOT No. 1498 Substance No. (if available) 1711 ercent 59 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	70, 67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM NITRATE; RETAIN ROOM, BLDG. # 6

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Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

JEIN 018351000000-2844-16

Street Address 697 ROUTE '46

icility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name NITRITE CAS No. ____ DOT No. 2627 Substance No. (if available) 2587 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM NITRATE; RETAIN ROOM, BLDG. #6
Substance Name CALCIUM CAS No. 7440-70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM NITRATE; RETAIN ROOM, BLDG. #6
Substance Name POTASSIUM CAS No. 7440-09-7 DOT No. 2255 Substance No. (if available) 1555 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM NITRATE; RETAIN ROOM, BLDG. #6
Substance Name SODIUM METHYLATE CAS No. 124-41-4 DOT No. 1289 Substance No. (if available) 1709 Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 67, 66 ____,____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name ARSENIC CAS No. 7440-38-2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, ____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM MOLYBDATE; RETAIN ROOM, BLDG. 6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) ____ Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, ____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM MOLYBDATE; RETAIN ROOM, BLDG. #6
Substance Name AMMONIA CAS No. 7664-41-7 DOT No. 1005 Substance No. (if available) 0084 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, ____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM MOLYBDATE; RETAIN ROOM, BLDG. #6

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lease print or type all responses.

Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

IEIN 018351000000-2844-16

Street Address 697 ROUTE 46

cility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM METABISULFITE; RETAIN ROOM, BLDG. # 6
Substance Name ARSENIC CAS No. 7440-38-2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM METABISULFITE; RETAIN ROOM, BLDG. # 6
Substance Name SODIUM NITRITE CAS No. 7632-00-0 DOT No. 1500 ubstance No. (if available) 2258 ercent 59 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 ubstance No. (if available) ercent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM NITRITE; RETAIN ROOM, BLDG. # 6.
Substance Name CALCIUM CAS No. 7440-70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	, , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM NITRITE; RETAIN ROOM, BLDG # 6.
Substance Name POTASSIUM CAS No. 7440-09-7 DOT No. 2255 Substance No. (if available) 1555 Percent 51 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	, , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM NITRATE; RETAIN ROOM, BLDG. # 6
Substance Name SODIUM FLOURIDE CAS No. 7681-49-4 DOT No. 9146 ubstance No. (if available) 3038 Percent 60 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6

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Please print or type all responses.

Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

JEIN 01835700000-[illegible]-46

Facility Name SHULTON, INC.

Street Address 697 ROUTE 46

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1090 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM FLOURIDE; RETAIN ROOM, BLDG. # 6
Substance Name POTASSIUM CAS No. 7440-09-7 DOT No. 2257 Substance No. (if available) 1555 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM FLOURIDE; RETAIN ROOM, BLDG. # 6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1090 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM OXALATE; RETAIN ROOM, BLDG. # 6
Substance Name POTASSIUM CAS No. 7440-09-7 DOT No. 2257 Substance No. (if available) 1555 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM OXALATE; RETAIN ROOM, BLDG. # 6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1090 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM BICARBONATE; RETAIN ROOM, BLDG. # 1
Substance Name POTASSIUM CAS No. 7440-09-7 DOT No. 2257 Substance No. (if available) 1555 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 01 Location(s) IN SODIUM BICARBONATE; RETAIN ROOM, BLDG # 6
Substance Name CALCIUM CAS No. 7440-70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM BICARBONATE; RETAIN ROOM BLDG. # 6

AEU000287

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Please print or type all responses.

Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

IEIN 018351000002899-16

Street Address 697 ROUTE 46

icility Name STULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM PYROPHOSPHATE; RETAIN ROOM, BLDG. #6
Substance Name NITRATE CAS No. 7727-37-9 DOT No. 1066 Substance No. (if available) 0473 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM PYROPHOSPHATE; RETAIN ROOM, BLDG. #6
Substance Name ARSENIC CAS No. 7440-38-2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM PYROPHOSPHATE; RETAIN ROOM, BLDG. #6
Substance Name SODIUM PEROXIDE CAS No. 1313-60-6 DOT No. 1504 Substance No. (if available) 1718 Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	70,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM TARTRATE; RETAIN ROOM, BLDG. #6
Substance Name STANNOUS CHLORIDE CAS No. 7772-99-8 DOT No. 1759 Substance No. (if available) 1733 Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN STANNOUS CHLORIDE; RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

JEIN 01835/00006-2847/8

acility Name SHULTON, INC.

Street Address 697 ROUTE 46

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name STANNIC CHLORIDE CAS No. 7646-78-8 DOT No. 1827 Substance No. (if available) 1859 Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name MANGANESE CAS No. 7439-96-5 DOT No. Substance No. (if available) 1155 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SODIUM PERIODATE; RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN SUCROSE; RETAIN ROOM, BLDG. #6
Substance Name THIOACETAMIDE CAS No. 62-5-5 DOT No. Substance No. (if available) 1844 Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name TIN CAS No. 7440-31-5 DOT No. Substance No. (if available) 1858 Percent 60 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN TIN; RETAIN ROOM, BLDG. #6
Substance Name COPPER CAS No. 7440-50-8 DOT No. Substance No. (if available) 0528 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN TIN; RETAIN ROOM, BLDG. #6

AEU000289

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Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

IEIN 018351000000-2844-16

Street Address 697 ROUTE 46

icility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name ZINC CAS No. 7440-66-6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN TIN; RETAIN ROOM, BLDG. #6
Substance Name ANTIMONY CAS No. 7440-36-0 DOT No. 1549 Substance No. (if available) 0141 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN TIN; RETAIN ROOM, BLDG. #6
Substance Name URANYL ACETATE CAS No. 541-09-3 DOT No. 9180 Substance No. (if available) 1975 Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN UREA; RETAIN ROOM, BLDG. #6
Substance Name ZINC CAS No. 7440-66-6 DOT No. 1436 Substance No. (if available) 2021 Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name ARSENIC CAS No. 7440-38-2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN ZINC; RETAIN ROOM, BLDG. #6
Substance Name LEAD CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN ZINC; RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

LITY IDENTIFICATION AND SITE LOCATION

N 018351000000-2897-16

Street Address 697 ROUTE 46

ly Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
stance Name ZINC CHLORIDE No. 7646-85-7 DOT No. 2331 stance No. (if available) 2030 ent 59 State S Trade Secret ☐ e) (Code) (Check if Claiming)	67, 68, ___, ___ ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
stance Name NITRATE No. - - DOT No. 1477 stance No. (if available) 2584 ent 51 State S Trade Secret ☐ e) (Code) (Check if Claiming)	___, ___, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN ZINC CHLORIDE; RETAIN ROOM, BLDG. #6
stance Name LEAD No. 7439-92-1 DOT No. 1096 stance No. (if available) ___ ent 51 State S Trade Secret ☐ e) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN ZINC CHLORIDE; RETAIN ROOM, BLDG. #6
stance Name ZINC SULFATE (GRANULAR) No. 7733-02-0 DOT No. 9161 stance No. (if available) 2044 ent 60 State S Trade Secret ☐ e) (Code) (Check if Claiming)	68, 67, 66, ___, ___ ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
stance Name ARSENIC No. 7440-38-2 DOT No. 1557 stance No. (if available) 0152 ent 51 State S Trade Secret ☐ e) (Code) (Check if Claiming)	66, 67, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) IN ZINC SULFATE, GRANULAR; RETAIN ROOM, BLDG. #6
stance Name NITRATE No. - - DOT No. 1477 tance No. (if available) 2584 ent 51 State S Trade Secret ☐ e) (Code) (Check if Claiming)	___, ___, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) IN ZINC SULFATE, GRANULAR; RETAIN ROOM, BLDG. #6
stance Name LEAD No. 7439-92-1 DOT No. 1096 tance No. (if available) ___ ent 51 State S Trade Secret ☐ e) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) IN ZINC SULFATE, GRANULAR; RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

ILITY IDENTIFICATION AND SITE LOCATION

N 018351000000

ity Name SHULTON, INC.

Street Address 697 ROUTE 46

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
stance Name ZINC SULFATE, PELLET S No. 7733-02-0 DOT No. 9163 stance No. (if available) 2044 cent 60 State S Trade Secret ☒ e) (Code) (Check if Claiming)	66, 67	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, #6
stance Name POTASSIUM HYDROXIDE, PELLET S No. 1310-58-3 DOT No. 1813 stance No. (if available) 1571 cent 58 State S Trade Secret ☐ e) (Code) (Check if Claiming)	67, 66	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, #6
stance Name LEAD S No. 7439-92-1 DOT No. 1096 stance No. (if available) cent 51 State S Trade Secret ☐ e) (Code) (Check if Claiming)	67, 66	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) IN POTASSIUM HYDROXIDE, PELLETS; RETAIN ROOM, BLDG # 6
stance Name NICKEL S No. 7440-02-0 DOT No. stance No. (if available) 1341 cent 51 State S Trade Secret ☐ e) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) IN POTASSIUM HYDROXIDE, PELLETS; RETAIN ROOM, BLDG, #6
stance Name SODIUM S No. 7440-23-5 DOT No. 1428 stance No. (if available) 1674 cent 51 State S Trade Secret ☐ e) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) IN POTASSIUM HYDROXIDE, PELLETS; RETAIN ROOM, BLDG, #6
stance Name NITROGEN S No. 7727-37-9 DOT No. 1066 stance No. (if available) 1375 cent 51 State S Trade Secret ☐ e) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) IN POTASSIUM HYDROXIDE, PELLETS; RETAIN ROOM, BLDG, #6
stance Name S No. DOT No. stance No. (if available) ent State Trade Secret ☐ e) (Code) (Check if Claiming)		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 018351000000-2844-16

Street Address 697 Route 46

Facility Name Shelton, Inc.

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Chromium CAS No. 7440-47-3 DOT No. — Substance No. (if available) 0432 Percent 53 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 68, ___, ___, ___, ___	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 01 04 Location(s) (constituent in piping) B-1 MAINT
Substance Name Nickel CAS No. 7440-02-0 DOT No. — Substance No. (if available) 1341 Percent 54 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) (constituent in piping) B-1 MAINT
Substance Name Copper CAS No. 7440-50-8 DOT No. — Substance No. (if available) 0528 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) (constituent in piping) B-1 MAINT
Substance Name Antimony CAS No. 7440-36-0 DOT No. — Substance No. (if available) 0141 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) (constituent in piping) B-1 MAINT
Substance Name Lead CAS No. 7439-92-1 DOT No. — Substance No. (if available) 1096 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) (constituent in piping) B-1 MAINT
Substance Name Latex Paint CAS No. — - — - — DOT No. 2810 Substance No. (if available) 2885 Percent 66 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) B-1 MAINT
Substance Name Toluene (in paint) CAS No. 108-88-3 DOT No. 1294 Substance No. (if available) 1866 Percent 33 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	20, 63, 66, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) MAINT

IPORTANT! Re all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

JEIN 01835100000-2844-16

Street Address 697 Route 46

acility Name Shulton Inc.

City Clifton, State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Lead CAS No. 7439 - 47 - 3 DOT No. Substance No. (if available) 1096 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 68 , , , ,	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440 - 50 - 8 DOT No. Substance No. (if available) 0528 Percent 56 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Lead CAS No. 7439 - 47 - 3 DOT No. Substance No. (if available) 1096 Percent 53 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440 - 50 - 8 DOT No. Substance No. (if available) 0528 Percent 58 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (Constituent in piping)
Substance Name Nickel CAS No. 7440 - 02 - 0 DOT No. Substance No. (if available) 1341 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Lead CAS No. 7439 - 47 - 3 DOT No. Substance No. (if available) 1096 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Lead CAS No. 7439 - 47 - 3 DOT No. Substance No. (if available) Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Maintenance (constituent in piping)

See Instruction Booklet for codes.

IMPORTANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

Reporting Period: January 1 - December 31, 88

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Street Address 697 Route 46

Facility Name Shulton Inc.

City Clifton, State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Nickel CAS No. 7440-02-0 DOT No. Substance No. (if available) 1341 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 68	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Chromium CAS No. 7440-47-3 DOT No. Substance No. (if available) 0432 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440-50-8 DOT No. Substance No. (if available) 0528 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Lead CAS No. 7439-92-1 DOT No. Substance No. (if available) 1096 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440-50-8 DOT No. Substance No. (if available) 0528 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Chromium CAS No. 7440-47-3 DOT No. Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 Maintenance (constituent in piping)
Substance Name Nickel CAS No. 7440-02-0 DOT No. Substance No. (if available) 1341 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)

See Instruction Booklet for codes.

MPORTANT! R all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

IJEIN 01835100000-2844-16

Street Address 697 Route 46

acility Name Shulton Inc.

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Chromium CAS No. 7440 - 47 - 3 DOT No. Substance No. (if available) 0432 Percent 53 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 68	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Nickel CAS No. 7440 - 02 - 0 DOT No. Substance No. (if available) 1341 Percent 53 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440 - 50 - 8 DOT No. Substance No. (if available) 0528 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Chromium CAS No. 7440 - 47 - 3 DOT No. Substance No. (if available) 0432 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440 - 50 - 8 DOT No. Substance No. (if available) 0528 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Nickel CAS No. 7440 - 02 - 0 DOT No. Substance No. (if available) 1341 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name 1,1,1, Trichloroethane CAS No. 71 - 55 - 6 DOT No. Substance No. (if available) 1890 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67	Max. Daily 12 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 15 Truck Shop

See Instruction Booklet for codes.

IMPORTANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 0183510000-2844-16
Street Address 697 Route 46
Facility Name Shulton Inc.
City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name Xylene (in paint) CAS No. 1330-20-7 DOT No. 1307 Substance No. (if available) 2014 Percent (Code) 53 State (Code) L Trade Secret (Check if Claiming) ☐	70, 67, 66,	Max. Daily 11 Avg. Daily 11 Days Onsite (Actual Number) 365	Container 46 Conditions 01 04 Location(s) B-1 MAINT.
Substance Name Fuel Oil CAS No. — - - DOT No. 1993 Substance No. (if available) 2444 Percent (Code) 60 State (Code) L Trade Secret (Check if Claiming) ☐	70, 66,	Max. Daily 14 Avg. Daily 14 Days Onsite (Actual Number) 365	Container 49 Conditions 01 04 Location(s) outside B-5 Boiler Rm.
Substance Name Ethyl Alcohol CAS No. 64-17-5 DOT No. 1170 Substance No. (if available) 0844 Percent (Code) State (Code) Trade Secret (Check if Claiming) ☐	70, 67, 66,	Max. Daily 13 Avg. Daily 13 Days Onsite (Actual Number) 280	Container 46 Conditions 01 04 Location(s) outside B-6
Substance Name Brucine Sulfate CAS No. 4845-99-2 DOT No. 1992 Substance No. (if available) 0270 Percent (Code) 51 State (Code) L Trade Secret (Check if Claiming) ☐	67, 68, 70	Max. Daily 11 Avg. Daily 11 Days Onsite (Actual Number) 365	Container 50 Conditions 01 04 Location(s) B-9 Processing
Substance Name Methanol CAS No. 67-56-1 DOT No. 1992 Substance No. (if available) 1222 Percent (Code) 60 State (Code) L Trade Secret (Check if Claiming) ☐	66, 67, 68, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite (Actual Number) 365	Container 46 Conditions 01 04 Location(s) B-5 Processing
Substance Name Diethyl phthalate CAS No. 84-66-2 DOT No. Substance No. (if available) 0707 Percent (Code) State (Code) Trade Secret (Check if Claiming) ☐	67, 66,	Max. Daily 13 Avg. Daily 13 Days Onsite (Actual Number) 280	Container 46 Conditions 01 04 Location(s) outside B-6
Substance Name Acrylic Acid CAS No. 79-10-7 DOT No. 2218 Substance No. (if available) 0023 Percent (Code) 51 State (Code) L Trade Secret (Check if Claiming) ☐	67, 68,	Max. Daily 11 Avg. Daily 11 Days Onsite (Actual Number) 250	Container 43 Conditions 01 04 Location(s) Processing

AEU000297

TIERRA-D-026098

IMPORTANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16 Street Address 697 Route 46

Facility Name Shulton, Inc. City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name Formaldehyde CAS No. 50-00-0 DOT No. 1198 Substance No. (if available) 0946 Percent (Code) 60 State (Code) L Trade Secret (Check if Claiming) ☐	66, 67	Max. Daily 09 Avg. Daily 09 Days Onsite (Actual Number) 250	Container 46 Conditions 01 04 Location(s) B-11 Processing
Substance Name Ethylene Glycol Diethyl Ether CAS No. 629-14-1 DOT No. 1153 Substance No. (if available) 0879 Percent (Code) 52 State (Code) S Trade Secret (Check if Claiming) ☐	66, 67	Max. Daily 09 Avg. Daily 09. Days Onsite (Actual Number) 250	Container 46 Conditions 01 04 Location(s) B-11 Processing
Substance Name Sulfuric Acid CAS No. 7664-93-9 DOT No. 1831+ Substance No. (if available) 1761 Percent (Code) 60 State (Code) L Trade Secret (Check if Claiming) ☐	66, 67	Max. Daily 12 Avg. Daily 12 Days Onsite (Actual Number) 365	Container 34 Conditions 01 04 Location(s) Forktruck Chargings of Batteries Plant wide
Substance Name Sodium Metabisulfite CAS No. 7681-57-4 DOT No. 2693 Substance No. (if available) 1708 Percent (Code) 60 State (Code) S Trade Secret (Check if Claiming) ☐	66, 67, 68	Max. Daily 12 Avg. Daily 12 Days Onsite (Actual Number) 365	Container 43 Conditions 01 04 Location(s) B-9 Processing
Substance Name CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret (Check if Claiming) ☐		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
Substance Name CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret (Check if Claiming) ☐		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
Substance Name CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret (Check if Claiming) ☐		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions

AEU000298

Let's protect our earth

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF ENVIRONMENTAL QUALITY
CN 027, TRENTON, N.J. 08625-0027

(609) 633-0898
Fax # (609) 984-5536

Stuart B Palfreyman
Health Officer

900 Clifton Ave, PO BOX 350
Clifton NJ 07011-

November 19, 1990

SUSPECTED HAZARDOUS SUBSTANCE DISCHARGE NOTIFICATION
NJDEP CASE NUMBER: 90-11-15-0800

The New Jersey Department of Environmental Protection, Division of Environmental Quality, has received verbal notification of an incident that may have resulted in a discharge of a hazardous substance within your jurisdiction.

Pursuant to N.J.S.A. 13.1K-15 et seq., (P.L. 1984, c. 210) "Hazardous Substance Discharge - Reports and Notices Act" and N.J.A.C. 7:1-7 et seq., "Hazardous Substance Discharge: Reports and Notices", attached is a copy of our Incident Notification Form which contains details of the suspected discharge. The receipt of this notification requires no mandatory investigation by you. Further information concerning this incident may be obtained by contacting:

Gary Allen, Region Supervisor
NJDEP-DEQ-BER-Region I
2 Babcock Pl
West Orange,NJ 07052
Telephone number: 201-669-3959

Please refer to the above referenced "NJDEP CASE NUMBER" in all correspondence concerning this incident.

CHARLES E. KRAUSS, CHIEF
BUREAU OF COMMUNICATIONS
AND SUPPORT SERVICES

cfo
Enclosure
c NJDEP-DEQ-BER-Region I

AEU000350

DEQ-023 A
4/89

New Jersey Department of Environmental Protection
Div. of Environmental Quality — Bur. of Communications & Support Services
Phone: (609) 292-7172

TD LOG # 15617

COMMUNICATIONS CENTER NOTIFICATION REPORT

CASE NO. 90-11-15-0800 (Yr) (Mo) (Day) (Time)

DATE 11 - 15 - 90 (Mo) (Day) (Yr) REC'D BY CASEY / JC (Initials) REVIEWED BY James Mueseler

NATURE OF INCIDENT: ___Citizen Notification ___Munic. Notification X Facil. Notification ___Other Notification

INCIDENT REPORT BY:

Name Lewis Burnside Phone 201-340-6288
Street 360 Colfax Ave
Municipality Clifton / State NJ
Affiliation/Title American Cyanamid Co. / Maint. Supv.

INCIDENT LOCATION: ___Transportation X Facility ___Other

Name (Site) American Cyanamid Phone 201-340-6288
Street 360 Colfax Ave.
Municipality Clifton County PASSAIC State NJ Zip Code

Location Type: ___Residential X Industrial ___Rural ___Sensitive Population (Hospital, School, Nursing Home)

Date of Incident: 11 - 15 - 90 (Mo) (Day) (Yr) Time: 0730

IDENTITY OF SUBSTANCE(S) SPILLED, RELEASE, ETC.: ___Known X Suspected ___Unknown ___None

Name of Substance(s): (Gas, (Liquid), Solid) Fuel Oil
T...A Chemical (Y/(N)/U) CAS Number
A...ount Released/Spilled UNK ___Actual ___Potential ___Estimated
Substance Contained (Y/(N)/U)
Type of Release/Spill: ___Terminated X Continuous ___Intermittent
Hazardous Material ((Y)/N) if Y A310 Letter ((Y)/N) COMU CODE 1602 REF CODE 01

INCIDENT DESCRIPTION:

___Fire ___Explosion ___Air Rel X Spill ___Abandoned Containers ___Illegal Dumping
___MVA ___Odors ___Smoke/Dust ___Sewage ___NJPDES ___L.U.S.T. ___Wildlife
___Equip. Startup/Shutdown, Equip. Fail/Upset, etc.
___Other (Derailment, Ocean Dumping, Noise, etc.)

Injuries (Y/(N)/U)
Facility Evacuation (Y/(N)/U)
Public Evacuation (Y/(N)/U)
Contamination of ___Air ___Land X Water
Receiving Water Weasel Brook

Public Exposure (Y/N/(U))
Police at Scene (Y/N/(U))
Firemen at Scene (Y/N/(U))
Assistance Requested (Y/(N)/U)
Wind Direction/Speed ___/___

STATUS AT INCIDENT SCENE observed a liquid believed to be fuel oil coming from sewer through their property into Weasel Brook, Source unknown. They are trying to contain it.

RESPONSIBLE PARTY: ___Known ___Suspected X Unknown

Company Name Phone
'act Title AEU000351
Street
Municipality County State Zip Code

OFFICIALS NOTIFIED (Name/Title):

NJSP / DEP4 Phone Date/Time 11-15-90 / (TDM)
Local Health / ... Phone Date/Time

State of New Jersey
Department of Environmental Protection and Energy

Robert C. Shinn, Jr.
Commissioner

Linda Doucette Ashman, Esq.
American Cyanamid Company
Cyanamid Plaza
Wayne, NJ 07470

APR 14 1994

RE: Industrial Establishment: American Cyanamid
Location: Clifton City, Passaic County
Block: 28.02 Lots: 1,5
ISRA Case #91140
Transaction: Cessation of Operations
Negative Declaration Affidavit by owner dated March 31, 1994

Dear Ms. Doucette Ashman:

Pursuant to the authority vested in the Commissioner of the New Jersey Department of Environmental Protection and Energy (NJDEPE) by the Industrial Site Recovery Act, (ISRA), formerly known as the Environmental Cleanup Responsibility Act (ECRA), (N.J.S.A. 13:1K-6 et seq.) and duly delegated to the Assistant Director of the Industrial Site Evaluation Element pursuant to N.J.S.A. 13:1B-4, the referenced Negative Declaration Affidavit is hereby approved. This approval is based upon information provided in your Initial Notice as well as NJDEPE investigation of the site.

American Cyanamid shall seal all monitoring wells installed for compliance with ISRA and submit the well abandonment forms to the Bureau of Water Allocation (BWA). The well abandonment forms are to be obtained by a licensed well driller from the BWA. BWA can be contacted at 609-292-2957. Please be advised that this case is being referred to the BWA for their review and subsequent action.

Please be advised that areas exist which contain contaminant concentrations above current NJDEPE residential direct contact soil cleanup criteria. These areas are excluded from this no further action approval since these areas have been determined to result from discharges from offsite sources. The areas are: Weasel Brook bank area, the adjacent Fill Area, and the Parkway Iron and Steel discharge adjacent to Building #10. In addition offsite contamination is impacting ground water at the site at levels above the applicable ground water quality standards. The above referenced areas will be transferred to the NJDEPE's Comprehensive Site List (CSL).

The CSL is a listing of all contaminated sites within the State of New Jersey. Each site is ranked based upon available data, and analyzes exposure pathways by which contamination may migrate and impact human health or the environment. Those sites which have the greatest impact are prioritized to be remediated under an Administrative Consent Order (ACO) pursuant to the Spill Compensation and Control Act authorities noted in N.J.A.C. 7:26C. Should a responsible party refuse to enter into an ACO with the NJDEPE, the NJDEPE will utilize public funds to remediate the site. However, please be aware that there are a large number of sites awaiting publicly funded action and the personnel and financial resources available to the State to perform this work are limited. Therefore, no estimate for scheduling is possible at this time. The NJDEPE will remain willing and able to work with any party, including a buyer, seller, owner or

operator to properly remediate the site under the NJDEPE Voluntary Cleanup Program.

This approval shall be limited to the above referenced transaction only and shall not restrict or prohibit the NJDEPE or any other agency from taking regulatory action under any other statute, rule or regulation. By issuing this No Further Action letter, NJDEPE continues to reserve all rights to pursue any penalties allowable under the law for violations of the ISRA statute or ECRA regulations associated with this transaction.

Sincerely,

Wayne C. Howitz, Assistant Director
Industrial Site Evaluation Element

c: Stuart B. Palfreyman, Health Officer
Janine Prasad, BEERA
Renee Bancroft, BGWPA
Tina Layre, BAC
Richard Tabakin, Cytec Industries
Robert Mancini, BWA
Tina Layre, BAC
BUST, Incident number 88-12-05-1448

WELL ABANDONMENT STATUS REPORT FORM

TO: Robert A. Mancini, Section Chief
Well Permitting and Regulation
Bureau of Water Allocation
Water Supply Element
CN 029, 401 E. State Street
3rd Floor, Trenton, New Jersey 08625

THROUGH: Stephen Maybury, Section Chief
Bureau of Environmental Evaluation
and Cleanup Responsibility Assessment
Division of Responsible Party Site Remediation

FROM: Murdo Morrison, Case Manager

SUBJECT: Well Abandonment Notification

ISRA Case #91140, Case Name American Cyanamid

Present Property Owner: American Cyanamid

Past Property Owner: American Cyanamid

Street Address: 697 Rte 46

Municipality: Clifton City

County: Passaic ZIP Code: 07470

Lot(s) and Block(s):	LOT	BLOCK
	28.02	1,5

Number of Wells to be Sealed: 13

Case Manager's Phone Number: 609-633-7141

WELL PERMIT #	OWNER'S WELL #	TYPE*	STATUS**	REASON FOR ABANDONMENT
26-15866-3	MW-1	1	3	GW monitoring complete
26-15867-1	MW-2	1	3	"
26-15868-0	MW-3	1	3	"
26-21658-2	MW-4	1	3	"
26-21653-1	MW-5	1	3	"
26-21654-0	MW-6	1	3	"
26-21655-8	MW-7	1	3	"
26--21656-6	MW-8	1	3	"
26-21657-4	MW-9	1	3	"
26-27507	MW-10	1	3	"

In addition, there are 2 production wells dating from 1940-50 for which there is no apparent record of a permit #. They are still unsealed and are located near Building #5 on site. All well are currently unsealed although American Cyanamid reports they plan to close them in the near future.

*TYPE 1 = monitoring; 2 = irrigation; 3 = industrial; 4 = recovery; 5 = piezometer; 6 = public non-community; 7 = other (list if known)

**STATUS 1 = properly sealed; 2 = not sealed; 3 = not sealed, but no further monitoring by DEP; 4 = status unknown

Let's protect our earth

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT
CN 028
Trenton, N.J. 08625-0028
(609) 633-7141
Fax # (609) 633-1454

MAY 29 1991

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Linda Doucette Ashman, Esq.
American Cyanamid Company
1 Cyanamid Plaza
Wayne, N.J. 07470

RE: Inspection Results, ECRA Case #91140
American Cyanamid Company
697 Route 46, Clifton City, Passaic County

Dear Ms. Ashman:

As part of the Environmental Cleanup Responsibility Act review process, American Cyanamid Company was inspected by a representative of this Bureau as indicated in the attached Report of Inspection.

Please provide us with the information noted and/or take actions prescribed; our continued work on this project will be dependent upon your compliance with the enclosed requirements. Documentation to verify the completion of required actions must be provided as proof of such compliance and a full description of quantities and costs of any and all removal and disposal activities must be detailed.

This document was prepared by the Case Manager, Joshua Gradwohl. Any questions you may have regarding the report should be directed to the Case Manager at (609) 633-7141.

Sincerely,

Bryan Moore

Bryan Moore, Supervisor
Bureau of Environmental Evaluation
and Cleanup Responsibility Assessment

cc: Richard Tabakin, American Cyanamid
K. Geller, BEERA
R. Bancroft, BGWDC
Stuart Palfreyman, Health Officer

AEU000391

RECEIVED
MAY 30 1991

Bureau Of Environmental Evaluation
And Cleanup Responsibility Assessment
Environmental Cleanup Responsibility Act

Report of Inspection

ECRA Case #91140 Date of Inspection: 5/28/91

Inspection Category: Preliminary

Inspector: Joshua Gradwohl

Industrial Establishment: American Cyanamid Company

Location: 697 Route 46, Clifton City, Passaic County

Individuals Involved: Richard B Tabakin, American Cyanamid Company
Jack Titmas, American Cyanamid Company
Hank Cenicola, American Cyanamid Company
Louis Savarese, American Cyanamid Company
Jennifer Nulty, Killam Associates

NARRATIVE DESCRIPTION

American Cyanamid Company formerly manufactured a wide array of personal care products at the referenced facility. Some personnel care products are still manufactured at the facility, however most operations have ceased. Additionally, the containers the products are packaged in are manufactured at the facility. Approximately 60,000 square feet of the over 650,000 square feet of the facility floor space was designated for research and development laboratories. Many of the research and development laboratories have already been decommissioned. The remaining laboratories are in the process of being decommissioned with the exception of the support QA laboratories. The remaining portions of the 15 facility buildings are either used for warehousing or office space.

Department officials arrived on site at 10:31 A.M. on a clear warm day. We met with the above referenced individuals in Building #4 and briefly discussed the plan for the inspection. We inspected the interior and exterior of all the facility buildings breaking at approximately 12:00 P.M. for lunch. Afterwards the laboratories that had already been decommissioned were inspected as a representation of the facility decommissioning operations.

Overall the facility housekeeping practices were good with few environmental concerns being observed other than what has been identified in the Initial Notice Submission.

After completing the inspection we again met in building #4 for an exit interview to familiarize the representatives from American Cyanamid Company with the ECRA process. We departed the site at 2:00 P.M.

DEFICIENCIES NOTED

1. Building #11

a. The discharge point of the trench system in building #11 is reported to be to the industrial sewer. The trench system was noted to be partially filled with sediments in a few locations. The contents and nature of the sediments is unknown.

b. Damaged insulation of suspect asbestos content was observed in what was referred to as the hot room in building #11.

c. A small recent spill of an oily substance was observed on the floor of building #11 near the southern end of building #7A. The spill has flowed beneath the building wall and down the building foundation. No signs of soil staining was observed adjacent to the foundation wall. The grass in the area did not appear stressed.

2. Building #8

Building #8 was used for the storage of facility vehicles. Six drums of different types of oil used in the maintenance of automobiles were observed in the building. Heavy stains were observed on the floors surrounding the drums. The stains did not reach the overhead garage doors nor were any floor drains observed in the area.

3. Building #16

Building #16 formerly used as the landscape maintenance building is now used to store salt for winter ice melting. A open five gallon bucket of an oily substance was observed in the center of the floor behind a small truck.

4. Building #9A

Outside of the west wall of building #9A, a two inch diameter pipe was observed protruding approximately four feet out of the ground. The purpose of the pipe was unknown.

5. Building #9

A sump was observed in the pad of the hydraulic oil storage/recycling area located to the east of building #9. The integrity of the sump could not be observed because the sump was full of water and leaf litter.

ACTIONS REQUIRED ON THE PART OF THE APPLICANT

1. American Cyanamid Company shall clean the trench system in Building #11 and document the integrity of the system.

2. American Cyanamid Company shall include the damaged insulation observed in the hot room in Building #11 as part of the suspect asbestos containing material abatement plan.

3. American Cyanamid Company shall clean up the oil spill observed on the

floor and foundation wall of Building #11. Provide documentation when this corrective action has been completed.

4. American Cyanamid Company shall clean up the oil spills observed in Building #8. Care should be taken to avoid future spills. American Cyanamid Company may consider a tray system to catch any future spills. Disposal documentation shall be provided for the waste material generated from the cleaning operations.

5. American Cyanamid Company should properly cover the open bucket of oil observed inside of Building #16 or move it to a safer location. American Cyanamid Company shall document what action was taken to secure this potential concern.

6. American Cyanamid Company shall determine the purpose of the pipe which was observed on the west -wall of Building #9A. Sampling shall be proposed if it services an underground storage tank.

7. American Cyanamid Company shall document the integrity of the sump observed in the base of the drum storage pad located on the east side of Building #9.

ACTIONS REQUIRED ON THE PART OF BEECRA

1. Complete the review of the Initial Notice and Phase I Sampling Plan and provide comments to the applicant.

Inspector/Case Manager Signature Joshua R Goodwin

Approved: Bryan Moore, Supervisor
Bureau of Environmental Evaluation and
Cleanup Responsibility Assessment

CLIFTON FIRE-PUBLIC SAFETY DEPARTMENT
City Hall, 900 Clifton Avenue
P.O. Box 350, Clifton,NJ
07011
Chief Walter E. De Groot Telephone: 470-5801

January 18, 1989

Shulton, Inc.
Mr. Charles H. Sarlo, Hazardous
Waste Program Administrator
697 Route 46
Clifton, New Jersey 07015

Dear Mr. Sarlo:

In response to your letter of January 10, 1989, with reference to your request I am responding at this time to inform you that we are most happy with the cooperation given to us in the ongoing pre-fire and hazardous materials planning which you have graciously extended to us in order to educate us with reference to any fire and/or hazardous materials areas in which we may come in contact at your facility.

Additionally, be advised that we will continue to send out the first due companies on a semi-annual inspection program at your convenience.

I hope this letter meets with your request. If there are any questions, or if I can be of any further assistance, please contact my office.

Very truly yours,

Walter E. De Groot

WALTER E. DE GROOT
Chief Public Safety Officer

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Photocopy this sheet, if you need additional forms.
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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Facility Name Shulton, Inc.

Street Address 697 Route 46

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Sodium Nitrate CAS No. 7631-99-4 DOT No. 1498 Substance No. (if available) 2258 Percent 51 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 68, 67, ___, ___, ___	(Enter Code) Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01 04 Location(s) Plastics - B-9A [chiller Rust Inhibitor]
Substance Name Sodium Nitrite CAS No. 7632-00-0 DOT No. 1500 Substance No. (if available) 2258 Percent 51 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	68, 67, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Plastics - B-9A [chiller Rust Inhibitor]
Substance Name Sodium Hydroxide CAS No. 1310-73-2 DOT No. 1823 Substance No. (if available) 1706 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	68, 67, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Plastics B-9A. [Cooling H2O Treatment]
Substance Name Potassium Hydroxide CAS No. 1310-58-3 DOT No. 1813 Substance No. (if available) 1571 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	68, 67, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Plastics B-9A [cooling H2O Treatment]
Substance Name Trichloro Trifluoroethane. CAS No. 76-13-1 DOT No. N.A. Substance No. (if available) 1904 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, ___, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) B-9A Plastics Plastics, Detc.
Substance Name Vinyl Acetate CAS No. 108-05-4 DOT No. 1301 Substance No. (if available) 1998 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, ___, ___	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 37 Conditions 01 04 Location(s) B-9A Plastics WAREHOUSE, Bldg 15 Elvax
Substance Name Methyl Chloroform CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	07, 20, 69, 66, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) Aerosol Can Plastics Bldg 9A (Safety solvent cleaner 90-95%)

AEU000447

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835/00000-2844-16

Street Address 697 Route 46

Facility Name Shelton, Inc.

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name ACRYLONITRILE CAS No. 107-13-1 DOT No. 1093 Substance No. (if available) 0024 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 67, , , , ,	(Enter Code) Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 37 Conditions 01 04 Location(s) WAREHOUSE - Bld 11 & 15 ABS Resin
Substance Name STYRENE CAS No. 100-42-5 DOT No. 2055 Substance No. (if available) 1748 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, , , , ,	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 37 Conditions 01 04 Location(s) WAREHOUSE Bld 11 & 15 ABS Resin
Substance Name METHYLENE CHLORIDE CAS No. 75-09-2 DOT No. 1593 Substance No. (if available) 1255 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS Bld 9A MOLD PROTECTOR
Substance Name TRICHLOROETHANE CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - Bld - 9A MOLD PROTECTOR
Substance Name PROPANE CAS No. 74-98-6 DOT No. 1978 Substance No. (if available) 1594 Percent ____ State ____ Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9A MOLD PROTECTOR
Substance Name ISOBUTANE CAS No. 75-28-5 DOT No. 1969 Substance No. (if available) 1040 Percent ____ State ____ Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9A MOLD PROTECTOR
Substance Name RUBBER MODIFIED STYRENE CAS No. 9003-55-8 DOT No. ____ Substance No. (if available) ____ Percent 60 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, , , ,	Max. Daily 16 Avg. Daily 16 Days Onsite 365 (Actual Number)	Container 44 Conditions 01 04 Location(s) PLASTICS - 9A HUNTSMAN - POLYSTYRENE

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 018351000000 - 2844 - 16

Facility Name Shelton, Inc.

Street Address 697 Route 46

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name ETHYLENE GLYCOL CAS No. 107 - 21 - 1 DOT No. 1142 Substance No. (if available) 0878 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 66, 67, 70, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 04 Location(s) PLASTICS - 9A WEBER MARKING INK
Substance Name ETHYLENE GLYCOL CAS No. 107 - 21 - 1 DOT No. 1142 Substance No. (if available) 0878 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 70 ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) PLASTICS 9A HEAT TRANSFER FLUID
Substance Name MINERAL SPIRITS CAS No. 64741-41-9 DOT No. ___ Substance No. (if available) ___ Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 70, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) PLASTICS - 9A MINERAL SPIRITS
Substance Name PHENOL CAS No. 90 - 72 - 2 DOT No. ___ Substance No. (if available) ___ Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) BLISTER PACK PLASTICS - 9A PORTION - STIK
Substance Name EPOXY RESIN CAS No. 25068 - 38 - 6 DOT No. ___ Substance No. (if available) ___ Percent 53 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) BLISTER PACK PLASTIC - 9A PORTION STIK
Substance Name POLYETHYLENE CAS No. 9002 - 88 - 4 DOT No. ___ Substance No. (if available) ___ Percent 60 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___ ___, ___	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 37 Conditions 01 04 Location(s) PLASTICS - 9A, WAREHOUSE BLD 11 & 15 POLYETHYLENE RESIN
Substance Name TRICHLOROMONOFLUOROMETHANE CAS No. 75 - 69 - 4 DOT No. 1078 Substance No. (if available) 1891 Percent ___ State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 66, ___ ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9A STONER'S MOLD RELEASE

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 018351000000-2844-16

Facility Name Shilton Inc.

Street Address 697 Route 46

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
	(Enter for all that apply.)	*(Enter Code)*	*(Enter Codes, except Location(s); supply narrative.)*
Substance Name DICHLORODIFLUOROMETHANE CAS No. 75-71-8 DOT No. 1028 Substance No. (if available) 0649 Percent ___ State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	66, 67, 69, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 *(Actual Number)*	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9A STONER'S MOLD RELEASE
Substance Name DIMETHYL SILICONE CAS No. 63148-62-9 DOT No. ___ Substance No. (if available) ___ Percent ___ State ___ Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	66, 67, 69, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 *(Actual Number)*	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9A STONER'S MOLD RELEASE
Substance Name POLYPROPYLENE CAS No. 25085-53-4 DOT No. ___ Substance No. (if available) ___ Percent 60 State S Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, ___, ___, ___, ___	Max. Daily 15 Avg. Daily 15 Days Onsite 365 *(Actual Number)*	Container 44 Conditions 01 04 Location(s) ___ WAREHOUSE - PLASTICS - 9A - POLY PRO - RESIN
Substance Name POLYSTYRENE CAS No. ___ DOT No. ___ Substance No. (if available) ___ Percent ___ State ___ Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, ___, ___, ___, ___	Max. Daily 16 Avg. Daily 16 Days Onsite 365 *(Actual Number)*	Container 44 Conditions 01 04 Location(s) ___ WAREHOUSE - B/d - 11#15 PLASTICS - 9A POLYSTYRENE RESIN
Substance Name MINERAL SPIRITS CAS No. 8032-32-4 DOT No. ___ Substance No. (if available) ___ Percent 60 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, 70, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 *(Actual Number)*	Container 36 Conditions 01 04 Location(s) ___ PLASTICS - 9A SAFETY KLEEN SOLVENT
Substance Name TRICHLOROETHANE CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent ___ State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, 66, 69, 70, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 *(Actual Number)*	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9A STONER'S RUST PREVENTATIVE
Substance Name DICHLORODIFLUOROMETHANE CAS No. 75-71-8 DOT No. 1028 Substance No. (if available) 0649 Percent ___ State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, 66, 69, 70, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 *(Actual Number)*	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9A STONER'S RUST PREVENTATIVE

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 018351000000-2844-16

Facility Name Shulton, Inc

Street Address 697 Route 46

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name PETROLEUM DISTILLATES CAS No. 8002-05-9 DOT No. 1268 Substance No. (if available) 2648 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 67, , , , ,	(Enter Code) Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 48 Conditions 01 05 Location(s) PLASTICS DEPT - B1d-9A RANDO HYDRAULIC OIL
Substance Name TRICHLOROETHANE CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 57 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, 69, 70, ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9A CROWN - SAFETY SOLVENT - 8060
Substance Name KEROSENE CAS No. 8008-20-6 DOT No. 1223 Substance No. (if available) 1091 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9-A MAGNAFLUX SPOT CHECK
Substance Name TRICHLOROETHANE CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, 69, 70, ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9A MAGNAFLUX CLEANER
Substance Name DIOXANE CAS No. 123-91-1 DOT No. 1165 Substance No. (if available) 0789 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, 69, 70, ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) AEROSAL CAN PLASTICS - 9A MAGNAFLUX Cleaner
Substance Name TOLUENE-DIISOCYANATE CAS No. 91-08-7 DOT No. 2078 Substance No. (if available) 1868 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 66, 67, , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) PLASTICS - 9A TOLUENE
Substance Name DITHIOCARBAMATE CAS No. - - DOT No. Substance No. (if available) Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, , , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) PLASTICS - 9A TOWER POWER - E-

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 018351000000-2844-16

Facility Name Shelton, Inc.

Street Address 697 Route 46

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name ETHYLENE THIOUREA CAS No. 96-45-7 DOT No. ____ Substance No. (if available) 0883 Percent 51 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 67, 66, ___, ___, ___	(Enter Code) Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01 04 Location(s) PLASTICS - 9A Tower Power E
Substance Name DIMETHYL AMINE CAS No. 98-94-2 DOT No. 2264 Substance No. (if available) 0749 Percent 51 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) PLASTICS - 9A Tower Power E
Substance Name ETHYLENE GLYCOL CAS No. 107-21-1 DOT No. 1142 Substance No. (if available) 0878 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 67, 66, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) PLASTICS DEPT - 9A UCARTHERM - HEAT TRANSFER
Substance Name 1,4 Dioxane CAS No. 123-91-1 DOT No. 1165 Substance No. (if available) 0789 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, 69, 66, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) Aerosol Can plastics - bldg 9A (safety solvent cleaner 1-5%)
Substance Name Carbon Dioxide CAS No. 124-38-9 DOT No. 1013 Substance No. (if available) 0343 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, 69, 66, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) Aerosol Cans plastics bld 9A (safety solvent cleaner 5-10%)
Substance Name Trichloroethylene CAS No. 79-01-6 DOT No. 1710 Substance No. (if available) 1890 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 69, 67, 66, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) Aerosol Can bld 9A plastics (A484 mold cleaner)
Substance Name Methylene chloride CAS No. 75-09-6 DOT No. 1018 Substance No. (if available) 0386 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 69, 67, 66, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 04 Location(s) Aerosol Can Plastics bld 9A (A484 mold cleaner)

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Please print or type all responses.

Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16 Street Address 697 Route 46

Facility Name Shulton, Inc. City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name Chlorodifluoromethane CAS No. 74-45-6 DOT No. 1018 Substance No. (if available) 0386 Percent (Code) 52 State (Code) L Trade Secret (Check if Claiming) ☐	70, 69, 67, 66	Max. Daily 11 Avg. Daily 11 Days Onsite (Actual Number) 365	Container 34 Conditions 02 04 Location(s) Aerosol Con Plastics B-9A (A484 Mold Cleaner)
Substance Name Sodium Hydroxide CAS No. 1310-73-2 DOT No. 1823 Substance No. (if available) 1706 Percent (Code) 51 State (Code) L Trade Secret (Check if Claiming) ☐	68, 67	Max. Daily 12 Avg. Daily 12 Days Onsite (Actual Number) 365	Container 47 Conditions 01 04 Location(s) Plastics B-9A (Chiller Rust Inhibitor)
Substance Name CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret (Check if Claiming) ☐		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
Substance Name CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret (Check if Claiming) ☐		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
Substance Name CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret (Check if Claiming) ☐		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
Substance Name CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret (Check if Claiming) ☐		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
Substance Name CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret (Check if Claiming) ☐		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)

AEU000453

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 018351000000-2844-16

Street Address 697 Route 46

Facility Name Shelton Inc.

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Ethanol - denatured CAS No. 64-17-5 DOT No. 1170 Substance No. (if available) 0844 Percent 55 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 70, 67, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 04 Location(s) Boiler House NALCO 50127 56%
Substance Name Barium chloride CAS No. 10361-37-2 DOT No. NA Substance No. (if available) NA Percent 60 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Boiler House NALCO 50209 100%
Substance Name Ethanol - denatured CAS No. 64-17-5 DOT No. 1170 Substance No. (if available) 0844 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Boiler House NALCO 50222 95+%
Substance Name Potassium chromate CAS No. 7789-00-6 DOT No. 9142 Substance No. (if available) 1561 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 150 (Actual Number)	Container 38 Conditions 01 04 Location(s) Boiler House NALCO 50224 10%
Substance Name Ethanol - denatured CAS No. 64-17-5 DOT No. 1170 Substance No. (if available) 0844 Percent 55 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Boiler House NALCO 50234 50%
Substance Name Monoethanolamine CAS No. 141-43-5 DOT No. 2491 Substance No. (if available) 0835 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Boiler House NALCO 50275 10-20%
Substance Name Sulfamic Acid CAS No. 5329-14-6 DOT No. 2967 Substance No. (if available) 1770 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Boiler House NALCO 50613 100%

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Reporting Period: January 1 - December 31, 1988

ILITY IDENTIFICATION AND SITE LOCATION

IN 018351000000-2844-16

Street Address 697 Route 46

lity Name Shulton, Inc.

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
bstance Name Monoethanolamine S No. 141-43-5 DOT No. 2491 bstance No. (if available) 0835 rcent 52 State L Trade Secret ☐ de) (Code) (Check if Claiming)	(Enter for all that apply.) 67, , , ,	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 04 Location(s) Boiler House NALCO 50635 1%
bstance Name Diethylaminoethanol AS No. 100-37-8 DOT No. 2686 bstance No. (if available) 0691 rcent 54 State L Trade Secret ☐ de) (Code) (Check if Claiming)	70, 67, , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Boiler House NALCO 359 20-40%
bstance Name Sodium metabisulfite AS No. 7681-57-4 DOT No. 2693 bstance No. (if available) 1708 rcent 52 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, , , ,	Max. Daily 12 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43 Conditions 01 04 Location(s) Boiler House NALCO 2811 1-10%
bstance Name Sodium hydroxide AS No. 1310-73-2 DOT No. 1823+ bstance No. (if available) 1706 rcent 54 State L Trade Secret ☐ de) (Code) (Check if Claiming)	68, 67, , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 or 32 Conditions 01 04 Location(s) Boiler House NALCO 8735 20-40%
bstance Name Potassium hydroxide AS No. 1310-58-3 DOT No. 1813+ bstance No. (if available) 1571 rcent 53 State L Trade Secret ☐ de) (Code) (Check if Claiming)	68, 67, , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 or 32 Conditions 01 04 Location(s) Boiler House NALCO 8735 10-20%
bstance Name Sodium bisulfate AS No. 7681-38-1 DOT No. 1821+ bstance No. (if available) 1704 rcent 60 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Boiler House for TRANE Unit NALCO 50125 100%
bstance Name Potassium Permanganate AS No. 7722-64-7 DOT No. 1490 bstance No. (if available) 1578 rcent 52 State L Trade Secret ☐ de) (Code) (Check if Claiming)	67, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Boiler House for TRANE Unit NALCO 50126 1%

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Reporting Period: January 1 - December 31, 1988

ILITY IDENTIFICATION AND SITE LOCATION

N 018351000000 - 2844 - 16

Street Address 697 Route 46

ity Name Shulton, Inc.

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
ostance Name Methylene bisthiocyanate S No. 6317 - 18 - 6 DOT No. — stance No. (if available) — cent 53 State S Trade Secret ☐ de) (Code) (Check if Claiming)	(Enter for all that appiy.) 67, , , ,	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container Conditions 01 04 Location(s) Used in towers Nalco 2527T
bstance Name Bis(tri-n-butyltin) oxide S No. 56 - 35 - 9 DOT No. — ostance No. (if available) — cent 52 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container Conditions 01 04 Location(s) USED IN TOWERS NALCO 2527T
ostance Name Hydroxyethylidene diphosphonic acid S No. 2809 - 21 - 4 DOT No. — ostance No. (if available) — cent 52 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43 Conditions 01 04 Location(s) USED IN TOWERS NALCO 2805 Ball
ostance Name Sodium hydroxide S No. 1310 - 73 - 2 DOT No. 1823+ ostance No. (if available) 1706 cent 52 State L Trade Secret ☐ de) (Code) (Check if Claiming)	67, , , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 or 32 Conditions 01 04 Location(s) Trane Room + By Steam Turbine Nalco 8325 1-10%
bstance Name Sodium Nitrite S No. 7632 - 00 - 0 DOT No. 1500 bstance No. (if available) 2258 rcent 54 State L Trade Secret ☐ de) (Code) (Check if Claiming)	68, 67, , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 or 32 Conditions 01 04 Location(s) Trane Room + By Steam Turbine Nalco 8325 20-40%
bstance Name Sodium Molybdate .S No. 7631 - 95 - 0 DOT No. — ostance No. (if available) — rcent 52 State L Trade Secret ☐ de) (Code) (Check if Claiming)	67, , , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 32/47 Conditions 01 04 Location(s) Trane Room + By Steam Turbine Nalco 8325 1-10%
bstance Name .S No. - - DOT No. bstance No. (if available) rcent State Trade Secret ☐ de) (Code) (Check if Claiming)	, , , ,	Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)

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'lease print or type all responses.

Reporting Period: January 1 - December 31, 1988

ACILITY IDENTIFICATION AND SITE LOCATION

JEIN 018351000000-2844-16

Street Address 697 Route 46

icility Name Shulton, Inc.

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Perfume Oil CAS No. NA - - DOT No. — Substance No. (if available) — Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 67, 70, ___, ___, ___	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47/48 Conditions 01 04 Location(s) Bldg 4 Perfume Compounding old Spice Perfume Oil
Substance Name Diethyl Phthalate CAS No. 84 - 66 - 2 DOT No. NA Substance No. (if available) 0707 Percent 5 2 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47/48 Conditions 01 04 Location(s) Bldg 4 Perfume Compounding old Spice Perfume Oil
Substance Name Diethyl Phthalate CAS No. 84 - 66 - 2 DOT No. NA Substance No. (if available) 0707 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg 4 Perfume Compounding old Spice Perfume Oil
Substance Name gamma - Nonalactone CAS No. 104 - 61 - 0 DOT No. NA Substance No. (if available) NA Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 160 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg 4 Perfume Compounding Aldehyde C-18 FCC
Substance Name Undecanal CAS No. 112 - 44 - 7 DOT No. NA Substance No. (if available) NA Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg 4 Perfume Compounding Aldehyde C-11 Undecylic
Substance Name 2-Methylundecanal CAS No. 110 - 41 - 8 DOT No. NA Substance No. (if available) NA Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) B-4 Perfume Compounding. Aldehyde C-12 MNA
Substance Name gamma-undecalactone CAS No. 104 - 67 - 6 DOT No. NA Substance No. (if available) NA Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) B-4 Perfume Comp. Aldehyde C-14 Pure FCC

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16

Street Address 697 Route 46

cility Name Shalton, Inc.

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
ubstance Name Nonanal AS No. 124-19-6 DOT No. NA ubstance No. (if available) NA ercent 60 State L Trade Secret ☐ Code) (Code) (Check if Claiming)	(Enter for all that apply.) 67, 70, ___, ___ ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01 04 Location(s) B-4 Perfume Comp. Aldehyde C-9
Substance Name Decanal CAS No. 112-31-2 DOT No. — ubstance No. (if available) NA ercent 60 State L Trade Secret ☐ Code) (Code) (Check if Claiming)	67, 70, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) B-4 Perfume Comp. Aldehyde C-10
ubstance Name Nonyl Alcohol AS No. 143-08-8 DOT No. — ubstance No. (if available) — ercent 60 State L Trade Secret ☐ Code) (Code) (Check if Claiming)	67, ___, ___, ___ ___, ___	Max. Daily ~~09~~ 10 Avg. Daily ~~09~~ 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) B-4 Perfume Comp. Alcohol C-9 FCC
ubstance Name Decyl Alcohol AS No. 112-30-1 DOT No. NA ubstance No. (if available) NA ercent 60 State L Trade Secret ☐ Code) (Code) (Check if Claiming)	67, ___, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) B-4 Perfume Comp Alcohol C-10 FCC
ubstance Name n-Undecylic Alcohol AS No. 112-42-5 DOT No. — ubstance No. (if available) — ercent 60 State L Trade Secret ☐ Code) (Code) (Check if Claiming)	67, ~~68~~, ~~70~~ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) B-4 Perfume Comp. Alcohol C-11 FCC
ubstance Name Methanol AS No. 67-56-1 DOT No. 1230 ubstance No. (if available) 1222 ercent 60 State L Trade Secret ☐ Code) (Code) (Check if Claiming)	66, 67, 70 ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) B-4 Perfume Comp. Methanol.
ubstance Name AS No. ___-___-___ DOT No. ubstance No. (if available) ercent ___ State ___ Trade Secret ☐ Code) (Code) (Check if Claiming)	___, ___, ___, ___ ___, ___	Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions ___ ___ Location(s)

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 018351000000-2544-16 Street Address 697 Route 46

Facility Name Shulton, Inc. City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
	(Enter for all that apply.)	(Enter Code)	(Enter Codes, except Location(s); supply narrative.)
Substance Name Methyl Alcohol CAS No. 67-56-1 DOT No. 1230 Substance No. (if available) 1222 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Methyl Alcohol CAS No. 67-56-1 DOT No. 1230 Substance No. (if available) 1222 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 67, 66, ___, ___, ___	Max. Daily 11 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Methyl Ethyl Ketone (2-Butanone) CAS No. 78-93-3 DOT No. 1193 Substance No. (if available) 1258 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Methyl Alcohol CAS No. 67-56-1 DOT No. 1230 Substance No. (if available) 1222 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 67, 66, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Methyl Ethyl Ketone (2-Butanone) CAS No. 78-93-3 DOT No. 1193 Substance No. (if available) 1258 Percent 55 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Sodium Hydroxide CAS No. 1310-73-2 DOT No. 1823 Substance No. (if available) 1706 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name 2-Butoxy Ethanol CAS No. 111-76-2 DOT No. 2369 Substance No. (if available) 0275 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg 9 Filling

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 018351000000-2849-16

Facility Name Shalton Inc.

Street Address 697 Route 46

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name Petroleum Distillates, nos CAS No. 8002-05-9 DOT No. 1268 Substance No. (if available) 2648 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	67, 70, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Benzine CAS No. 8030-30-6 DOT No. 1115 Substance No. (if available) 0206 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Methyl Chloroform CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 55 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Propane CAS No. 74-98-6 DOT No. 1978 Substance No. (if available) 1594 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	70, ___, 67, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg 9 Filling
Substance Name Methyl Chloroform CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg 9 Filling
Substance Name Isopropyl alcohol CAS No. 67-63-0 DOT No. 1219 Substance No. (if available) 1076 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	70, 67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg 9 Filling
Substance Name N, N-Dialkyltoluidine CAS No. ___-___-___ DOT No. ___ Substance No. (if available) ___ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg 9 Filling

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 018351000000-2844-16

Facility Name Shilton, Inc.

Street Address 697 Route 46

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name MERCAPTANS + MIXTURES, LIQUID, NOS CAS No. - - DOT No. 1228 Substance No. (if available) 2536 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg 9 Filling
Substance Name 1-METHOXY-2-PROPANOL CAS No. 107-98-2 DOT No. Substance No. (if available) Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name 1-METHOXY-2-PROPANOL CAS No. 107-98-2 DOT No. Substance No. (if available) Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, , , ,	Max. Daily 11 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Methyl Chloroform CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg 9 Filling
Substance Name Cumene Hydroperoxide CAS No. 80-15-9 DOT No. 2116 Substance No. (if available) 0543 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	68, 66, , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Saccharin CAS No. 81-07-2 DOT No. Substance No. (if available) 1641 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Methyl Chloroform CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 57 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66, , ,	Max. Daily 11 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg 9 Filling

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Reporting Period: January 1 - December 31, 1988

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 018351000000-2844-16

Facility Name Shulton Inc.

Street Address 697 Route 46

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name LIQUIFIED PETROLEUM GAS CAS No. 68476-85-7 DOT No. 1075 Substance No. (if available) 1118 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 67, 70, ___, ___, ___, ___	(Enter Code) Max. Daily 11 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 02 04 Location(s) Bldg 9 Filling
Substance Name Sodium Dichloro-s-triazinetrione dihydrate CAS No. 2893-78-9 DOT No. 2465 Substance No. (if available) 1694 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Pine Oil CAS No. 8002-09-3 DOT No. 1272 Substance No. (if available) 2684 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Isopropyl alcohol CAS No. 67-63-0 DOT No. 1219 Substance No. (if available) 1076 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, 67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Ammonia CAS No. 7664-41-7 DOT No. 1005 Substance No. (if available) 0084 Percent 61 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg 9 Filling
Substance Name Silicone CAS No. 541-02-6 DOT No. 1993 Substance No. (if available) ___ Percent 61 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	70, ___, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg 9 Filling
Substance Name Petroleum Distillates CAS No. 8002-05-9 DOT No. 1268 Substance No. (if available) 2648 Percent 61 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 /s Onsite 365 tual Number)	Container 46 Conditions 02 04 Location(s) Bldg 9 Filling

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Reporting Period: January 1 - December 31, 1984

ILITY IDENTIFICATION AND SITE LOCATION

IN 0183510000 -2844-16

Street Address 697 Route 46

lity Name Shulton, Inc.

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
bstance Name Sodium Hydroxide S No. 1310 - 73 - 2 DOT No. 1823 bstance No. (if available) 1706 rcent 52 State S Trade Secret ☐ de) (Code) (Check if Claiming)	(Enter for all that apply.) 67, 68, ___, ___, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 04 Location(s) Building 7, Pilot Plant Tetrasodium EDTA, dihydrate 8%
bstance Name Petroleum Distillate AS No. 8002 - 05 - 9 DOT No. 1268 bstance No. (if available) 2648 rcent 59 State L Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Building 7, Pilot Plant
bstance Name Alcohol AS No. - - DOT No. 1987 bstance No. (if available) 2079 rcent 61 State L Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Building 7, Pilot Plant Alcohol Ethoxylate (C_9-C_{11}) alcohol
bstance Name Alcohol AS No. - - DOT No. 1987 bstance No. (if available) 2079 rcent 61 State S Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Building 7, Pilot Plant Ethoxylated Alcohol
bstance Name Alcohol AS No. - - DOT No. 1987 bstance No. (if available) 2079 rcent 57 State L Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Building 7, Pilot Plant Alcohol Ethoxysulfate salt
bstance Name Alcohol AS No. - - DOT No. 1987 bstance No. (if available) 2079 rcent 61 State S Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Building 7, Pilot Plant Heavy ether alcohol
bstance Name Isopropyl Alcohol AS No. 67 - 63 - 0 DOT No. ___ bstance No. (if available) 1076 rcent 59 State L Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, ___, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Building 7, Pilot Plant Isopropyl alcohol - 91%

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Reporting Period: January 1 - December 31, 1985

ILITY IDENTIFICATION AND SITE LOCATION

N 01835100000 - 2844 - 16

Street Address 697 Route 46

ity Name Shulton, Inc.

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
	(Enter for all that apply.)	(Enter Code)	(Enter Codes, except Location(s); supply narrative.)
ostance Name Ethyl alcohol S No. 64 - 17 - 5 DOT No. 1170 stance No. (if available) 0844 cent 60 State L Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Building 7, Pilot Plant SDA 40-2, 200 Proof - 100%.
bstance Name Ethyl alcohol S No. 64 - 17 - 5 DOT No. 1170 ostance No. (if available) 0844 cent 59 State L Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Building 7, Pilot Plant SDA 39-C, 190 Proof - 94%.
ostance Name Ethyl alcohol S No. 64 - 17 - 5 DOT No. 1170 stance No. (if available) 0844 cent 59 State L Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Building 7, Pilot Plant SDA 40-2, 190 Proof - 94.9%.
ostance Name Benzoic acid S No. 65 - 85 - 0 DOT No. 9094 stance No. (if available) 0209 cent 60 State S Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43, 38 Conditions 01 04 Location(s) Building 7, Pilot Plant
bstance Name Pine oil S No. 8002 - 09 - 3 DOT No. 1272 bstance No. (if available) 2684 rcent 58 State L Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Building 7, Pilot Plant
bstance Name Ethyl alcohol S No. 64 - 17 - 5 DOT No. 1170 ostance No. (if available) 0844 rcent 53 State L Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 32 Conditions 01 04 Location(s) Building 7, Pilot Plant Bardac 2050 - 10%.
bstance Name Ethylene Diamine Tetraacetic acid S No. 60 - 00 - 4 DOT No. 9117 ostance No. (if available) 0876 rcent 60 State S Trade Secret ☐ de) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 11 Avg. Daily 11 ys Onsite 365 tual Number)	Container 38 Conditions 01 04 Location(s) Building 7, Pilot Plant

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2544-16

Street Address 697 Rt. 46

cility Name Shulton Inc.

City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
	(Enter for all that apply.)	(Enter Code)	(Enter Codes, except Location(s); supply narrative.)
ubstance Name Formaldehyde AS No. 50-00-0 DOT No. 1198 ubstance No. (if available) 0946 ercent 54 State L Trade Secret ☐ Code) (Code) (Check if Claiming)	66, , , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Building 7 - Pilot Plant Formaldehyde solution - 37%
Substance Name Methyl alcohol. AS No. 67-56-1 DOT No. 1230 Substance No. (if available) 1222 ercent 53 State L Trade Secret ☐ Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Building 7 - Pilot Plant Formaldehyde solution - 10%
Substance Name Sodium Metabisulfite AS No. 7681-57-4 DOT No. 2693 ubstance No. (if available) 1708 ercent 60 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	66, 67, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43 Conditions 01 04 Location(s) Building 7 - Pilot Plant
Substance Name Alcohol AS No. - - DOT No. 1987 ubstance No. (if available) 2079 ercent 61 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43 Conditions 01 04 Location(s) Building 7 - Pilot Plant Cetyl alcohol
Substance Name Alcohol AS No. - - DOT No. 1987 Substance No. (if available) 2079 ercent 61 State S Trade Secret ☐ Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 42 Conditions 01 04 Location(s) Building 7 - Pilot Plant Stearyl alcohol
Substance Name Acetone AS No. 67-64-1 DOT No. 1090 Substance No. (if available) 0006 ercent 60 State L Trade Secret ☐ Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Building 7, Pilot Plant
Substance Name Nitric acid AS No. 1712-64-7 DOT No. 1220 Substance No. (if available) 1086 ercent 60 State L Trade Secret ☐ Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 Actual Number)	Container 38 Conditions 01 04 Location(s) Building 7, Pilot Plant

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Reporting Period: January 1 - December 31, 1988

.ITY IDENTIFICATION AND SITE LOCATION

| 01835100000-2844-16 | Street Address 697 Route 46

y Name Shulton, Inc. | City Clifton | State NJ | Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
;tance Name Activated carbon No. 7440-44-0 DOT No. 1362 tance No. (if available) 2066 ent 60 State S Trade Secret ☐) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 43 Conditions 01 04 Location(s) Building 7, Pilot Plant.
;tance Name Titanium Dioxide No. 13463-67-7 DOT No. — tance No. (if available) 1861 ent 60 State S Trade Secret ☐) (Code) (Check if Claiming)	66, 67,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Building 7, Pilot Plant
;tance Name Nitrilo Acetic acid No. 139-13-9 DOT No. tance No. (if available) 1358 ent 51 State S Trade Secret ☐) (Code) (Check if Claiming)	66, 67, 70,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Building 7, Pilot Plant EDTA Tetrasodium - 0.2%
;tance Name No. - - DOT No. tance No. (if available) ent State Trade Secret ☐) (Code) (Check if Claiming)		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
;tance Name No. - - DOT No. tance No. (if available) ent State Trade Secret ☐) (Code) (Check if Claiming)		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
;tance Name No. - - DOT No. tance No. (if available) ent State Trade Secret ☐) (Code) (Check if Claiming)		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
;tance Name No. - - DOT No. tance No: (if available) ent State Trade Secret ☐) (Code) (Check if Claiming)		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)

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Reporting Period: January 1 - December 31, 1988

ITY IDENTIFICATION AND SITE LOCATION

I 01835100000-2844-16

Street Address 697 ROUTE 46

y Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
stance Name ACETONE No. 67-64-1 DOT No. 1090 lance No. (if available) 0006 ent 59 State L Trade Secret ☐) (Code) (Check if Claiming)	70, 68, 67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. #6, QUALITY ASSURANCE
stance Name ISOPROPYL ALCOHOL No. 67-63-0 DOT No. 1219 stance No. (if available) 1076 ent 51 State L Trade Secret ☐) (Code) (Check if Claiming)	70, 67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN ACETONE, STORAGE ROOM, BLDG. #6 - Q.A.
stance Name METHANOL No. 67-56-1 DOT No. 1230 lance No. (if available) 1222 ent 51 State L Trade Secret ☐) (Code) (Check if Claiming)	70, 67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN ACETONE, STORAGE ROOM, BLDG. #6 - Q.A.
stance Name HEXANES No. 110-54-3 DOT No. 1208 lance No. (if available) 1340 ent 59 State L Trade Secret ☐) (Code) (Check if Claiming)	70, 68, 67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. #6 Q.A.
stance Name METHANOL No. 67-56-1 DOT No. 1230 lance No. (if available) 1222 ent 59 State L Trade Secret ☐) (Code) (Check if Claiming)	70, 67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. #6 Q.A.
stance Name CARBON TETRACHLORIDE No. 56-23-5 DOT No. 1846 lance No. (if available) 0347 ent 60 State L Trade Secret ☐) (Code) (Check if Claiming)	68, 67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. #6 Q.A.
stance Name SILVER NITRATE N/10 No. 7761-88-8 DOT No. 1493 lance No. (if available) ent 51 State L Trade Secret ☐) (Code) (Check if Claiming)	67, 66,	Max. Daily 10 Avg. Daily 10 s Onsite 365 ual Number)	Container 30 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. #6 Q.A.

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Reporting Period: January 1 - December 31, 1988

ITY IDENTIFICATION AND SITE LOCATION

) 01835/00000 - 2844 - 16

Street Address 497 ROUTE 46

y Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
tance Name LEAD No. 7439-92-1 DOT No. tance No. (if available) 1096 ent 51 State S Trade Secret ☐) (Code) (Check if Claiming)	67, 66, ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN NITRIC ACID, QC LAB, BLDG. #6
tance Name PERCHLORIC ACID No. 7601-90-3 DOT No. 1873 tance No. (if available) 2638 ent 57 State L Trade Secret ☐) (Code) (Check if Claiming)	67, 66, ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Q.C. LABORATORY, BLDG. #6
tance Name LEAD No. 7439-92-1 DOT No. tance No. (if available) 1096 ent State Trade Secret ☐) (Code) (Check if Claiming)	67, 66, ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN PERCHLORIC ACID, QC LABORATORY, BLDG #6
tance Name NITROGEN No. 7727-37-9 DOT No. 1066 tance No. (if available) 1375 ent 51 State L Trade Secret ☐) (Code) (Check if Claiming)	, , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN PERCHLORIC ACID, Q.C. LABORATORY, BLDG #6
tance Name AIR, COMPRESSED No. - - DOT No. 1002 tance No. (if available) 2070 ent 59 State G Trade Secret ☐) (Code) (Check if Claiming)	69, , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 40 Conditions 01 04 Location(s) INSTRUMENT & PERFUME LABS, BLDG. #6 Q.C.
tance Name HELIUM, COMPRESSED No. 7440-59-7 DOT No. 1046 tance No. (if available) 0972 ent 59 State G Trade Secret ☐) (Code) (Check if Claiming)	69, , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 40 Conditions 01 04 Location(s) INSTRUMENT & PERFUME LABS BLDG. #6 Q.C.
tance Name HYDROGEN, COMPRESSED No. 1333-74-0 DOT No. 1049 tance No. (if available) 1010 ent 59 State G Trade Secret ☐) (Code) (Check if Claiming)	70, 69, ,	Max. Daily 11 Avg. Daily 11 ys Onsite 365 ctual Number)	Container 40 Conditions 01 04 Location(s) PERFUME LAB & LOADING DOCK BLDG. #6 (OUTSIDE BLDG-6)

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se print or type all responses.

Reporting Period: January 1 - December 31, 1988

ITY IDENTIFICATION AND SITE LOCATION

I 018351000000-2844-16

Street Address 697 ROUTE 46

y Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s) in supply narrative.)
stance Name ACETIC ACID No. 64-19-7 DOT No. 2789 tance No. (if available) 0004 ent 59 State L Trade Secret ☐) (Code) (Check if Claiming)	67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6,
stance Name PHOSPHORIC ACID No. 7664-38-2 DOT No. 1805 tance No. (if available) ent 58 State L Trade Secret ☐) (Code) (Check if Claiming)	67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6
stance Name BENZYL CHLORIDE No. 100-44-7 DOT No. 1738 tance No. (if available) 0217 ent 59 State L Trade Secret ☐) (Code) (Check if Claiming)	66, 67, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6
stance Name METHYLENE CHLORIDE No. 75-09-2 DOT No. 1593 tance No. (if available) 1255 ent 59 State L Trade Secret ☐) (Code) (Check if Claiming)	70, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) QC LABORATORY, BLDG. # 6
stance Name CHLOROFORM No. 67-66-3 DOT No. 1888 tance No. (if available) ___ ent 59 State L Trade Secret ☐) (Code) (Check if Claiming)	70, 68, 67, 66, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) QC LABORATORY, BLDG. # 6
stance Name PETROLEUM ETHER No. 71-43-2 DOT No. 1114 tance No. (if available) 0197 ent 59 State L Trade Secret ☐) (Code) (Check if Claiming)	70, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) QC LABORATORY, BLDG. # 6
stance Name ARSENIC No. 7440-38-2 DOT No. 1557 tance No. (if available) 0152 ent 57 State L Trade Secret ☐) (Code) (Check if Claiming)	67, 66, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN NITRIC ACID, QC. LAB., BLDG. # 6

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Reporting Period: January 1 - December 31, 1988

ILITY IDENTIFICATION AND SITE LOCATION

IN 018351000000-2844-16

Street Address 697 ROUTE 46

lity Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name AMMONIA S No. 7664-41-7 DOT No. 1005 bstance No. (if available) 0084 rcent 51 State L Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN PYRIDINE; STORAGE ROOM, BLDG. # 6
bstance Name COPPER S No. 7440-50-8 DOT No. ___ bstance No. (if available) 0528 rcent 51 State L Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN PYRIDINE; STORAGE ROOM, BLDG. # 6
bstance Name TOLUENE S No. 108-88-3 DOT No. 1294 bstance No. (if available) 1866 rcent 59 State L Trade Secret ☐ de) (Code) (Check if Claiming)	70, 67, 66, ___, ___ ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Q.C. LOCKER, BLDG. # 6
bstance Name ALCOHOL, ANHYDROUS, 3A S No. 64-17-5 DOT No. 1170 bstance No. (if available) 0844 rcent 59 State L Trade Secret ☐ de) (Code) (Check if Claiming)	70, 67, 66, ___, ___ ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6
bstance Name METHYL ALCOHOL S No. 67-56-1 DOT No. 1230 bstance No. (if available) ___ rcent 59 State L Trade Secret ☐ de) (Code) (Check if Claiming)	70, 67, 66, ___, ___ ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6
bstance Name NITRIC ACID S No. 7697-37-2 DOT No. 2031 bstance No. (if available) 1356 rcent 57 State L Trade Secret ☐ de) (Code) (Check if Claiming)	68, 67, 66, ___, ___ ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6
bstance Name SULFURIC ACID, CONC. S No. 7664-93-9 DOT No. 1831 bstance No. (if available) 1761 rcent 59 State L Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6

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Reporting Period: January 1 - December 31, 1988

...ITY IDENTIFICATION AND SITE LOCATION

... 01835100000-2844-16

Street Address 697 ROUTE 46

...y Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
...tance Name HYDROCHLORIC ACID ...No. 7647-01-0 DOT No. 1050 ...tance No. (if available) 1012 ...ent 54 State L Trade Secret ☐ ... (Code) (Check if Claiming)	68, 67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6
...tance Name HYDROCHLORIC ACID ...No. 7647-01-0 DOT No. 1050 ...tance No. (if available) 1012 ...ent 51 State L Trade Secret ☐ ... (Code) (Check if Claiming)	68, 67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. #6
...tance Name ACETIC ANHYDRIDE ...No. 108-24-7 DOT No. 1715 ...tance No. (if available) 0005 ...ent 59 State L Trade Secret ☐ ... (Code) (Check if Claiming)	70, 67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6
...tance Name ACETIC ACID, GLACIAL ...No. 64-19-7 DOT No. 2789 ...tance No. (if available) 0004 ...ent 60 State L Trade Secret ☐ ... (Code) (Check if Claiming)	67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM & Q.C. LABORATORY, BLDG. # 6
...tance Name POTASSIUM HYDOXIDE, IN ...No. 1310-58-3 DOT No. 1813 ...tance No. (if available) 1571 ...ent 51 State L Trade Secret ☐ ... (Code) (Check if Claiming)	67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) QC LABORATORY, BLDG. # 6
...tance Name SODIUM HYDROXIDE, 0.1N ...No. 1310-73-2 DOT No. 1823 ...tance No. (if available) ...ent 51 State L Trade Secret ☐ ... (Code) (Check if Claiming)	67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6
...tance Name PYRIDINE ...No. 110-86-1 DOT No. 1282 ...tance No. (if available) ...ent 59 State L Trade Secret ☐ ... (Code) (Check if Claiming)	70, 67, 66	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) STORAGE ROOM, BLDG. # 6

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ease print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EPA ID 01835100000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
Substance Name ALUMINUM OXIDE CAS No. 1344-28-1 DOT No. Substance No. (if available) 2891 Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6.
Substance Name COPPER CAS No. 7440-50-8 DOT No. Substance No. (if available) 0528 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMBERLITE IN RETAIN ROOM, BLDG. #6.
Substance Name LEAD CAS No. 7439-92-1 DOT No. Substance No. (if available) 1096 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMBERLITE IN RETAIN ROOM, BLDG. #6.
Substance Name NICKEL CAS No. 7440-02-0 DOT No. Substance No. (if available) 1341 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMBERLITE IN RETAIN ROOM, BLDG. #6,
Substance Name ALUMINUM NITRATE CAS No. 13473-90-0 DOT No. 1438 Substance No. (if available) Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6.
Substance Name ALUMINUM CHLORIDE CAS No. 7446-70-0 DOT No. 1726+ Substance No. (if available) Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
Substance Name ALUMINUM SULFATE CAS No. 10043-01-3 DOT No. 9078+ Substance No. (if available) 0068 Percent 59 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EPA ID: 018351000000-2844-16 Street Address: 697 ROUTE 46

Facility Name: SHULTON, INC. City: CLIFTON State: NJ Zip: 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
Substance Name: AMMONIUM ACETATE CAS No.: 631-61-8 DOT No.: 9079 Substance No. (if available): Percent: 59 State: S Trade Secret: ☐ (Code) (Code) (Check if Claiming)		Max. Daily: 09 Avg. Daily: 09 Days Onsite: 365 (Actual Number)	Container: 39 Conditions: 01 04 Location(s): RETAIN ROOM, BLDG. #6
Substance Name: LEAD CAS No.: 7439-92-1 DOT No.: Substance No. (if available): 1096 Percent: 51 State: S Trade Secret: ☐ (Code) (Code) (Check if Claiming)	67, 66	Max. Daily: 09 Avg. Daily: 09 Days Onsite: 365 (Actual Number)	Container: 39 Conditions: 01 04 Location(s): IN AMMONIUM ACETATE, RETAIN ROOM, BLDG. #6
Substance Name: NITRATES CAS No.: DOT No.: 1477 Substance No. (if available): 2584 Percent: 51 State: S Trade Secret: ☐ (Code) (Code) (Check if Claiming)		Max. Daily: 09 Avg. Daily: 09 Days Onsite: 365 (Actual Number)	Container: 39 Conditions: 01 04 Location(s): AMMONIUM ACETATE IN RETAIN ROOM, Bldg. #6.
Substance Name: AMMONIUM BICARBONATE CAS No.: 1066-33-7 DOT No.: 9081 Substance No. (if available): 0088 Percent: 60 State: S Trade Secret: ☐ (Code) (Code) (Check if Claiming)		Max. Daily: 10 Avg. Daily: 10 Days Onsite: 365 (Actual Number)	Container: 39 Conditions: 01 04 Location(s): RETAIN ROOM, BLDG. #6.
Substance Name: AMMONIUM CHLORIDE CAS No.: 12125-02-9 DOT No.: 9085 Substance No. (if available): 0093 Percent: 59 State: S Trade Secret: ☐ (Code) (Code) (Check if Claiming)		Max. Daily: 09 Avg. Daily: 09 Days Onsite: 365 (Actual Number)	Container: 39 Conditions: 01 04 Location(s): RETAIN ROOM, BLDG. #6
Substance Name: AMMONIUM CITRATE DIBASIC CAS No.: 3012-65-5 DOT No.: 9087 Substance No. (if available): 0096 Percent: 59 State: S Trade Secret: ☐ (Code) (Code) (Check if Claiming)		Max. Daily: 10 Avg. Daily: 10 Days Onsite: 365 (Actual Number)	Container: 39 Conditions: 01 04 Location(s): RETAIN ROOM, Bldg. #6
Substance Name: AMMONIUM MOLYBDATE CAS No.: 13106-76-8 DOT No.: Substance No. (if available): 0105 Percent: 59 State: S Trade Secret: ☐ (Code) (Code) (Check if Claiming)		Max. Daily: 10 Avg. Daily: 10 Days Onsite: 365 (Actual Number)	Container: 39 Conditions: 01 04 Location(s): RETAIN ROOM, Bldg. #6.

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

TIN 01835/00000-2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name LEAD S No. 7439-92-1 DOT No. bstance No (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM MOLYBDATE, RETAIN ROOM, BLDG. #6
bstance Name NITRATE AS No. DOT No. 1477 bstance No. (if available) 2584 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM MOLYBDATE, RETAIN ROOM, BLDG. #6
bstance Name AMMONIUM NITRATE S No. 6484-52-2 DOT No. 2072 bstance No. (if available) 0106 rcent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
bstance Name NITRITES AS No. DOT No. 2627 bstance No. (if available) 2587 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM NITRATE, RETAIN ROOM, BLDG #6
bstance Name AMMONIUM OXALATE AS No. 1113-38-8 DOT No. 2449 bstance No. (if available) 0108 rcent State Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
bstance Name AMMONIUM PERSULFATE AS No. 7727-54-0 DOT No. 1444 bstance No. (if available) 0111 rcent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	70, 67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
bstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM PERSULFATE, RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City _____ State _____ Zip _____

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name NICKEL AS No. 7440-02-0 DOT No. _____ bstance No. (if available) 1341 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM PERSULFATE, RETAIN ROOM, BLDG. # 6
ibstance Name MANGANESE AS No. 7439-96-5 DOT No. _____ ibstance No. (if available) 1155 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM PERSULFATE, RETAIN ROOM, BLDG. # 6
bstance Name LEAD AS No. 7439-92-1 DOT No. _____ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM PHOSPHATE, MONOBASIC; RETAIN ROOM, # BLDG # 6
ibstance Name NITRATE AS No. _____ DOT No. 1477 bstance No. (if available) 2584 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM PHOSPHATE, MONOBASIC; BLDG. # 6, RETAIN ROOM
ibstance Name POTASSIUM AS No. 7440-09-7 DOT No. 2255 ibstance No. (if available) 1555 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM PHOSPHATE, MONO BASIC; RETAIN ROOM, BLDG. # 6
ibstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 bstance No. (if available) 1674 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM PHOSPHATE, MONO BASIC; RETAIN ROOM, BLDG. # 6
ibstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 bstance No. (if available) 0152 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM PHOSPHATE, MONOBASIC; RETAIN ROOM, BLDG. # 6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State Zip

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ibstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 bstance No. (if available) 0152 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM SULFATE; RETAIN ROOM, BLDG. #6
ibstance Name LEAD AS No. 7439-92-1 DOT No. ibstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM SULFATE; RETAIN ROOM, BLDG. #6
ibstance Name NITRATE AS No. DOT No. 1477 bstance No. (if available) 2584 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM SULFATE; RETAIN ROOM, BLDG. #6
ibstance Name AMMONIUM THIOCYANATE AS No. 1762-95-4 DOT No. 9092 bstance No. (if available) 19 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
ibstance Name LEAD AS No. 7439-92-1 DOT No. ibstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM THIOCYANATE; RETAIN ROOM, BLDG. #6
ibstance Name SULFUR AS No. 7704-34-9 DOT No. 1350 ibstance No. (if available) 1757 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN AMMONIUM THIOCYANATE; RETAIN ROOM, BLDG. #6
ibstance Name ARSENIC TRIOXIDE AS No. 1327-53-3 DOT No. 1561 ibstance No. (if available) 0161 ercent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 07014

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN ARSENIC TRIOXIDE; RETAIN ROOM, BLDG. #6
ubstance Name ANTIMONY AS No. 7440-36-0 DOT No. 1549 bstance No. (if available) 0141 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN ARSENIC TRIOXIDE; RETAIN ROOM, BLDG. #6
bstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 bstance No. (if available) 0309 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM ACETATE; RETAIN ROOM, BLDG. #6
bstance Name STRONTIUM AS No. 7440-24-6 DOT No. 1434 bstance No. (if available) 1739 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM ACETATE; RETAIN ROOM, BLDG. #6
bstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM ACETATE; RETAIN ROOM, BLDG. #6
bstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM CARBONATE; RETAIN ROOM, BLDG. #6.
bstance Name STRONTIUM AS No. 7440-24-6 DOT No. 1434 bstance No. (if available) 1739 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM CARBONATE; RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ubstance Name: SODIUM AS No. 7440-23-5 DOT No. 1428 ubstance No. (if available) 1674 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM CARBONATE; RETAIN ROOM; BLDG, # 6
ubstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 ubstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM CARBONATE; RETAIN ROOM, BLDG, #6
ubstance Name STRONTIUM AS No. 7440-24-6 DOT No. 1434 ubstance No. (if available) 1739 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM CHLORIDE; RETAIN ROOM, BLDG, #6
ubstance Name CALCIUM AS No. 7440-70-2 DOT No. 1401 ubstance No. (if available) 0309 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM CHLORIDE, RETAIN ROOM, BLDG, #6
ubstance Name LEAD AS No. 7439-92-1 DOT No. ubstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM CHLORIDE; RETAIN ROOM, BLDG, #6
ubstance Name LEAD AS No. - 7439-92-1 DOT No. ubstance No. (if available) 1096 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM HYDROXIDE; RETAIN ROOM, BLDG, #6
ubstance Name STRONTIUM AS No. 7440-24-6 DOT No. 1434 ubstance No. (if available) ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM HYDROXIDE; RETAIN ROOM, BLDG. #6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

IN 01835100000 - 2844-16

Street Address 697 ROUTE 46

ility Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name CALCIUM \S No. 7440-70-2 DOT No. 1401 bstance No. (if available) 0309 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM HYDROXIDE; RETAIN ROOM, BLDG. # 6
ibstance Name LEAD AS No. 7439-92-1 DOT No. ___ ibstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM SULFATE; RETAIN ROOM, BLDG. # 6
bstance Name ARSENIC \S No. 7440-38-2 DOT No. 1557 bstance No. (if available) 0152 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BARIUM SULFATE; RETAIN ROOM, BLDG. # 6
ibstance Name BENZOIC ACID \S No. 65-85-0 DOT No. 9094 bstance No. (if available) 0209 rcent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
bstance Name ARSENIC \S No. 7440-38-2 DOT No. 1557 bstance No. (if available) 0152 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BORIC ACID; RETAIN ROOM, BLDG. # 6
ibstance Name CALCIUM \S No. 7440-70-2 DOT No. 1401 bstance No. (if available) 0309 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BORIC ACID; RETAIN ROOM, BLDG. # 6
ibstance Name LEAD \S No. 7439-92-1 DOT No. ___ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN BORIC ACID; RETAIN ROOM, BLDG. # 6.

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 01835100000 - 2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name SODIUM AS No. 7440-23-5 DOT No. 1428 bstance No. (if available) 1674 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CALCIUM CARBONATE; RETAIN ROOM, BLDG, # 6.
bstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CALCIUM CARBONATE, RETAIN ROOM, BLDG # 6
bstance Name MANGANESE AS No. 7439-96-5 DOT No. bstance No. (if available) 1155 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CALCIUM CARBONATE; RETAIN ROOM, BLDG, # 6
bstance Name CALCIUM HYDROXIDE AS No. 1305-62-0 DOT No. 1759 bstance No. (if available) 0322 rcent 59 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 64, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, # 6
bstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CALCIUM HYDROXIDE; RETAIN ROOM, BLDG: # 6
bstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CALCIUM PHOSPHATE, DIBASIC; RETAIN ROOM, BLDG, # 6
bstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 bstance No. (if available) 0152 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CALCIUM PHOSPHATE, DIBASIC; RETAIN ROOM, BLDG, # 6

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Reporting Period: January 1 - December 31, 1988

ILITY IDENTIFICATION AND SITE LOCATION

IN 018351000000 - 2844 - 16

Street Address 697 ROUTE 46

lity Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
bstance Name NITROGEN S No. 7727-37-9 DOT No. 1066 bstance No. (if available) 1375 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	(Enter for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01 04 Location(s) IN CALCIUM PHOSPHATE, DIBASIC; RETAIN ROOM, BLDG. # 6
bstance Name LEAD AS No. 7439-92-1 DOT No. ___ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CALCIUM SULFATE; RETAIN ROOM, BLDG. # 6.
bstance Name NITROGEN S No. 7727-37-9 DOT No. 1066 bstance No. (if available) 1375 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CALCIUM SULFATE; RETAIN ROOM, BLDG. # 6
bstance Name LEAD S No. 7439-92-1 DOT No. ___ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN MONOCHLOROACETIC ACID; RETAIN ROOM, BLDG. # 9
bstance Name LEAD S No. 7439-92-1 DOT No. ___ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CADMIUM REAGENT STICK; RETAIN ROOM, BLDG. # 6
bstance Name COPPER S No. 7440-50-8 DOT No. ___ bstance No. (if available) 0528 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CADMIUM REAGENT STICK; RETAIN ROOM, BLDG. # 6
bstance Name NICKEL S No. 7440-02-0 DOT No. ___ bstance No. (if available) 1341 rcent 51 State S Trade Secret ☐ xle) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CADMIUM REAGENT STICK; RETAIN ROOM, BLDG. # 6

'ORTANT! Rea' all instructions before completing.
iotocopy this sh. ., if you need additional forms.
'ase print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
ibstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 bstance No. (if available) 0152 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CADMIUM SULFATE; RETAIN ROOM, BLDG. # 6.
ibstance Name ZINC AS No. 7440-66-6 DOT No. 1436 ibstance No. (if available) 2021 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CADMIUM SULFATE; RETAIN ROOM, BLDG. # 6
ibstance Name NITRATES AS No. - DOT No. 1477 bstance No. (if available) 2584 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CADMIUM SULFATE; RETAIN ROOM, BLDG. # 6.
ibstance Name LEAD AS No. 7439-92-1 DOT No. ___ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CADMIUM SULFATE; RETAIN ROOM, BLDG. # 6
ibstance Name COPPER AS No. 7440-50-8 DOT No. ___ ibstance No. (if available) 0528 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CADMIUM SULFATE; RETAIN ROOM, BLDG. # 6
ibstance Name CARBON DISULFIDE AS No. - 75-15-0 DOT No. 1131 bstance No. (if available) 0344 rcent 59 State L Trade Secret ☐ ode) (Code) (Check if Claiming)	70, 67, 66, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
ibstance Name CHLOROPLATINIC ACID AS No. 16941-12-1 DOT No. 2507 bstance No. (if available) 0406 rcent 54 State L Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ___, ___ ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6

'ORTANT! Rea ll instructions before completing.
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ease print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

IN 01835100000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State Zip

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name CHLOROACETIC ACID S No. 79-11-8 DOT No. 1750 bstance No. (if available) 0373 rcent 59 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	68, 67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, # 6
ibstance Name LEAD AS No. 7439-92-1 DOT No. ibstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CITRIC ACID MONOHYDRATE; RETAIN ROOM, BLDG, # 6
bstance Name CUPRIC CHLORIDE S No. 1344-67-8 DOT No. 2802 bstance No. (if available) 0532 rcent 59 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, # 6
ibstance Name NITRATES S No. DOT No. 1477 bstance No. (if available) 2584 rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CUPRIC CHLORIDE; RETAIN ROOM, BLDG, # 6
ibstance Name CUPRIC NITRATE AS No. 3251-23-8 DOT No. 1475 bstance No. (if available) rcent 60 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	70, 67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, # 6
ibstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CUPRIC NITRATE, RETAIN ROOM, BLDG, # 6
ibstance Name COPPER AS No. 7440-50-8 DOT No. bstance No. (if available) 0528 rcent 59 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG, # 6

ORTANT! Rear ll instructions before completing.
otocopy this she , if you need additional forms.
ase print or type all responses.

Reporting Period: January 1 - December 31, 1988

ILITY IDENTIFICATION AND SITE LOCATION

IN 01835100000-2844-16 Street Address 697 ROUTE 46

lity Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name NITRATES S No. ____ DOT No. 1477 bstance No. (if available) 2584 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN COBALT CHLORIDE; RETAIN ROOM, BLDG. #6
bstance Name LEAD S No. 7439-92-1 DOT No. ____ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN COBALT CHLORIDE; RETAIN ROOM, BLDG. #6
bstance Name COPPER S No. 7440-50-8 DOT No. ____ bstance No. (if available) 0528 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN COBALT CHLORIDE; RETAIN ROOM, BLDG. #6
bstance Name NICKEL S No. 7440-02-0 DOT No. ____ bstance No. (if available) 1341 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN COBALT CHLORIDE; RETAIN ROOM, BLDG. #6
bstance Name CUPRIC SULFATE S No. 7758-98-7 DOT No. 9109 bstance No. (if available) 0549 rcent 59 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
bstance Name NITROGEN S No. 7727-37-9 DOT No. 1066 bstance No. (if available) 1375 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CUPRIC SULFATE; RETAIN ROOM, BLDG. #6
bstance Name NICKEL S No. 7440-02-0 DOT No. ____ bstance No. (if available) 1341 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CUPRIC SULFATE; RETAIN ROOM, BLDG. #6

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TIERRA-D-026148

'ORTANT! Rea ll instructions before completing.
otocopy this sheet, if you need additional forms.
ease print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 01835/00000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name NITROGEN AS No. 7727-37-9 DOT No. 1066 bstance No. (if available) 1375 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN COBALT ACETATE; RETAIN ROOM, BLDG #6
bstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN COBALT ACETATE; RETAIN ROOM, BLDG. #6
bstance Name COPPER AS No. 7440-50-8 DOT No. bstance No. (if available) 0528 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN COBALT ACETATE; RETAIN ROOM, BLDG. # 6
bstance Name NICKEL AS No. 7440-02-0 DOT No. bstance No. (if available) 1341 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN COBALT ACETATE; RETAIN ROOM, BLDG. #6
bstance Name ZINC AS No. 7440-66-6 DOT No. 1436 bstance No. (if available) 2021 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____,____,____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN COBALT ACETATE; RETAIN ROOM, BLDG. #6
bstance Name LEAD AS No. 7439-92-1 DOT No. bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____,____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN CALCIUM ACETATE, MONOHYDRATE; RETAIN ROOM, BLDG. #6
bstance Name FORMAMIDE AS No. 75-12-7 DOT No. 1993 bstance No. (if available) 0947 rcent 59 State L Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____,____	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6

ORTANT! Rea[illegible] instructions before completing.
otocopy this she[illegible], if you need additional forms.
ase print or type all responses.

Reporting Period: January 1 - December 31, 1988

ILITY IDENTIFICATION AND SITE LOCATION

IN 01835100000-2844-16

Street Address 697 ROUTE 46

lity Name SHULTON, INC.

City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name MORPHOLINE S No. 110-91-8 DOT No. 2054 bstance No. (if available) 1315 rcent 60 State L Trade Secret ☐ de) (Code) (Check if Claiming)	70, 67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG #6
bstance Name ALUMINUM S No. 7429-90-5 DOT No. 1383 bstance No. (if available) 0054 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN DEVARDA'S METAL; RETAIN ROOM, BLDG, #6
bstance Name COPPER S No. 7440-50-8 DOT No. ___ bstance No. (if available) 0528 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN DEVARDA'S METAL; RETAIN ROOM, BLDG, #6
bstance Name LEAD S No. 7439-92-1 DOT No. ___ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN DEVARDA'S METAL; RETAIN ROOM, BLDG. #6
bstance Name LEAD S No. 7439-92-1 DOT No. ___ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN DEXTROSE, ANHYDROUS; RETAIN ROOM, BLDG. #6
bstance Name ARSENIC S No. 7440-38-2 DOT No. 1557 bstance No. (if available) 0152 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN DEXTROSE, ANHYDROUS; RETAIN ROOM, BLDG. #6
bstance Name LEAD S No. 7439-92-1 DOT No. ___ bstance No. (if available) 1096 rcent 51 State S Trade Secret ☐ de) (Code) (Check if Claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) DISODIUM SALT; POWDER RETAIN ROOM, BLDG. #6

AEU000486

TIERRA-D-026150

PORTANT! Read all instructions before completing.
hotocopy this sheet, if you need additional forms.
ease print or type all responses.

Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EPA ID No. 018351000000-2844-16 Street Address 697 ROUTE 46

Facility Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
Substance Name CALCIUM CAS No. 7440-70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN DISODIUM SALT; CRYSTAL) RETAIN ROOM, BLDG, # 6
Substance Name LEAD CAS No. 7439-92-1 DOT No. Substance No. (if available) 1096 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN DISODIUM SALT; CRYSTAL RETAIN ROOM; BLDG. # 6
Substance Name ARSENIC CAS No. 7440-38-2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN DISODIUM SALT, CRYSTAL; RETAIN ROOM, BLDG, # 6
Substance Name MANGANESE CAS No. 7439-96-5 DOT No. Substance No. (if available) 1155 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN DISODIUM SALT, CRYSTAL; RETAIN ROOM, BLDG, # 6
Substance Name ZINC CAS No. 7440-66-6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN DISODIUM SALT, CRYSTAL; RETAIN ROOM, BLDG, # 6
Substance Name NITRATE CAS No. - - DOT No. 1477 Substance No. (if available) 2584 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)		Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERRIC AMMONIUM SULFATE; RETAIN ROOM, BLDG, # 6
Substance Name COPPER CAS No. 7440-50-8 DOT No. Substance No. (if available) 0528 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERRIC AMMONIUM SULFATE; RETAIN ROOM, BLDG, # 6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 018351000000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name ZINC AS No. 7440-66-6 DOT No. 1436 bstance No. (if available) 2021 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERRIC AMMONIUM SULFATE; RETAIN ROOM, BLDG. # 6
bstance Name FERRIC CHLORIDE, LUMP AS No. 7705-08-0 DOT No. 1773 bstance No. (if available) 1034 ercent 60 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6
bstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 bstance No. (if available) 0152 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERRIC CHLORIDE, LUMP; RETAIN ROOM, BLDG. # 6
bstance Name NITRATE AS No. ____ DOT No. 1477 bstance No. (if available) 2584 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERRIC CHLORIDE, LUMP; RETAIN ROOM, BLDG. # 6
bstance Name COPPER AS No. 7440-50-8 DOT No. ____ bstance No. (if available) 0528 ercent ____ State ____ Trade Secret ☐ ode) (Code) (Check if Claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERRIC CHLORIDE, LUMP; RETAIN ROOM, BLDG. # 6
bstance Name ZINC AS No. 7440-66-6 DOT No. 1436 bstance No. (if available) 2021 ercent 51 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERRIC CHLORIDE, LUMP; RETAIN ROOM, BLDG. # 6
bstance Name FERRIC NITRATE AS No. 10421-48-4 DOT No. 1466 bstance No. (if available) 0924 ercent 60 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	70, 67, 66, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. # 6

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Reporting Period: January 1 - December 31, 1988

CILITY IDENTIFICATION AND SITE LOCATION

EIN 01835100000-2844-16 Street Address 697 ROUTE 46

ility Name SHULTON, INC. City CLIFTON State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s): supply narrative.)
bstance Name MANGANESE AS No. 7439-96-5 DOT No. bstance No. (if available) 1155 rcent 51 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	,,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERRIC NITRATE; RETAIN ROOM, BLDG. #6
bstance Name FERROUS CHLORIDE AS No. 7758-94-3 DOT No. 1759 bstance No. (if available) 0930 rcent 60 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	,,,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
bstance Name ARSENIC AS No. 7440-38-2 DOT No. 1557 bstance No. (if available) 0152 rcent 5/ State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERROUS CHLORIDE; RETAIN ROOM, BLDG. #6
bstance Name COPPER AS No. 7440-50-8 DOT No. bstance No. (if available) 0528 rcent 5/ State S Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERROUS CHLORIDE; RETAIN ROOM, BLDG. #6
bstance Name ZINC AS No. 7440-66-6 DOT No. 1436 bstance No. (if available) 2021 rcent 5/ State S Trade Secret ☐ xde) (Code) (Check if Claiming)	,,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERROUS CHLORIDE; RETAIN ROOM, BLDG. #6
bstance Name FERROUS SULFATE AS No. 7720-78-7 DOT No. 9125 bstance No. (if available) 0931 rcent 59 State S Trade Secret ☐ xde) (Code) (Check if Claiming)	,,,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) RETAIN ROOM, BLDG. #6
bstance Name MANGANESE AS No. 7439-96-5 DOT No. bstance No. (if available) 1155 rcent 5/ State S Trade Secret ☐ xde) (Code) (Check if Claiming)	,,,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) IN FERROUS SULFATE; RETAIN ROOM, BLDG. #6

DEQ-094
9/89

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMUNITY RIGHT TO KNOW SURVEY FOR 1989

to satisfy requirements under SARA, Title III, Section 312 and New Jersey Community Right to Know

NJEIN | SIC | COUNTY/MUNIC. | DUE DATE

01835100000--2844--1602--07/23/90
SHULTON, INC.
ATTN: JOHN MCKNIGHT
697 ROUTE 46, P.O. BOX 1809
CLIFTON, NJ 07015

PEEL HERE

Indicate changes to mailing address on label

IMPORTANT: A separate survey must be completed for each facility.

(A) FACILITY LOCATION
If the facility or township location is different than the mailing address on the label, enter location address or township below.

Check here if you would like your survey mailed to above address ☐

(B) Does this facility use, store, or produce any hazardous materials which must be reported under the N.J. Worker & Community Right to Know Act or Section 312, Title III of the Superfund Amendments and Reauthorization Act? ☒ Yes ☐ No
(See Reportable Substances and Thresholds)

(C) Briefly describe the nature of the operations or business conducted at this facility: Manufacturing of toiletry products and plastic packaging components. Executive offices and Research and Development.

(D) Number of employees at facility: 975

(E) *Number of facilities in New Jersey*: one

(F) *Dun and Bradstreet No.* 14 | 97 18 | 46 05

(G) *Check the box if you were granted a R&D exemption last year or if you wish to receive an application questionnaire.* ☒

(H) CERTIFICATION OF OWNER/OPERATOR OR AUTHORIZED REPRESENTATIVE — I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Signature John E Titmas Date 6/6/90 Phone Number (201) 340-5552

Name (Print) John E. Titmas Title Plant Engineer

(I) POLICE AND FIRE DEPARTMENT — Enter the respective phone numbers, names and addresses (including Zip Code) of your local police and fire departments in the spaces below.

POLICE DEPT. Phone Number (201) 470-5900
Name Frank J. Logioco/ Police Chief
Address 900 Clifton Ave.
Municipality Clifton, N.J. Zip 07015

FIRE DEPT. Phone Number (201) 470-5801
Name Chief DeGroot
Address 900 Clifton Ave.
Municipality Clifton, N.J. Zip 07015

(J) FACILITY EMERGENCY CONTACT
Name John McKnight Title Safety and Environmental Engineer
Facility Phone Number 340-6000 Emergency Contact Phone Number (201) 340-6751

NOTE: Make copies of this survey! The law requires that you send a copy to your County Lead Agency, Local Emergency Planning Committee and your local police and fire departme
(County agency and local committee addresses in

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additional forms. Please print or type all responses. Complete sections A-F before making photocopies of this page.

Reporting Period: January 1 - Decem' 31, 1989 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN _____

B. Facility Name Shulton Plastics (9A)

C. Location Address 697 Rt 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Trichloroethane CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent 57 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, 67, 69, 70, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can Crown Safety Solvent 8060
Substance Kerosene CAS No. 8008 - 20 - 6 DOT No. 1223 Substance No. (if available) 1091 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 69, 70, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can Magna-Flux- Spot Check
Substance Trichlorethane CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can Magnaflux Cleaner
Substance Ethylene Glycol CAS No. 107 - 21 - 1 DOT No. 1142 Substance No. (if available) 0878 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 70, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) Plastics 9A Ucar Therm Heat Transfer
Substance Sodium Nitrate CAS No. 7632 - 00 - 0 DOT No. 1500 Substance No. (if available) 2258 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 48 Conditions 01, 04 Location(s) Plastics 9A Corrosion Inhibitor
Substance Sodium Tetraborate CAS No. 1330 - 43 - 3 DOT No. ___ Substance No. (if available) ___ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 48 Conditions 01, 04 Location(s) Plastics 9A Corrosion Inhibitor
Substance Profane CAS No. 74 - 98 - 6 DOT No. 1978 Substance No. (if available) 1594 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 69, 70, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 50 Conditions 02, 05 Location(s) Plastics 9A

See Instructions for codes.

IMPORTANT! Read all instructions before completing. Photocopy this sheet, if you need additional forms. Please print or type all responses. Complete sections A-F before making photocopies of this page.

Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN _____ C. Location Address 697 Rt 46

B. Facility Name Shulton Plastics (9A) D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Methy Alcohol CAS No. 67 - 56 - 1 DOT No. ____ Substance No. (if available) 1222 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 70 , 66 , 67 , ____ , ____	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01 , 04 Location(s) Plastics bldg 9A Methanol
Substance Sodium Hypochlorite CAS No. 7681 - 52 - 9 DOT No. 1791 Substance No. (if available) 1707 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	____ , 67 , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Microbiocide Acti-Plus 2818
Substance Sodium Hydroxide CAS No. 1310 - 73 - 2 DOT No. 1823 Substance No. (if available) 1706 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Microbiocide Acti-Plus 2818
Substance Sodium Metabisulfite CAS No. 7681 - 57 - 4 DOT No. 2693 Substance No. (if available) 1708 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Oxygen Scavenger 2811
Substance Sodium Oxide CAS No. 1313 - 59 - 3 DOT No. ____ Substance No. (if available) ____ Percent 54 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) Plastics 9A Dryers
Substance Silicone Oxide CAS No. 7631 - 86 - 9 DOT No. ____ Substance No. (if available) 1655 Percent 54 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) Plastic 9A Dryers
Substance Aluminum Oxide CAS No. 1344 - 28 - 1 DOT No. ____ Substance No. (if available) 2891 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) Plastic 9A Dryer

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN _____ C. Location Address 697 Rt 46

B. Facility Name Shulton Plastics (9A) D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Mineral Spirits CAS No. 8030 - 30 - 6 DOT No. 1115 Substance No. (if available) 0206 Percent ____ (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67 , ____ , ____ , ____ , ____	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 , 04 Location(s) Plastics 9A Waterless Hand Cleaner
Substance 5-Chloro 2 Methyl 4 Sothiazolin 3 One CAS No. 26172 - 55 - 4 DOT No. ____ Substance No. (if available) ____ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , ____ , ____ , ____	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Nalco-7330-Microbiocide
Substance 2-Methyl-4-Isothiazoline 3 CAS No. 2682 - 20 - 4 DOT No. ____ Substance No. (if available) ____ Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , ____ , ____ , ____	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Nalco 7330 Microbiocide
Substance Petroleum Solvents CAS No. 8052 - 41 - 3 DOT No. 1993 Substance No. (if available) 2648 Percent ____ (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Plastics 9A Cook,s Rust Defer 12000
Substance Pet Based Lubricating Oil CAS No. 64742 - 53 - 6 DOT No. 1270 Substance No. (if available) 2651 Percent ____ (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Plastics 9A Cook's Rust defier 12000
Substance Sodium Nitrate CAS No. 7632 - 00 - 0 DOT No. 1500 Substance No. (if available) 2258 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , 68 , ____ , ____	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Nalco 7375 Inhibitor
Substance Sodium Molybdate CAS No. 7631- - 95 - 0 DOT No. ____ Substance No. (if available) ____ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , 68 , ____ , ____	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Nalco 7375 Inhibitor

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN _____ C. Location Address 697 Rt 46

B. Facility Name Shulton Plastics (9A) D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Dichlorodifluoromethane CAS No. 75 - 71 - 8 DOT No. 1028 Substance No. (if available) 0649 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, 67, 69, ____, ____	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can Stoners mold release
Substance Dimethyl Silicone CAS No. 63148 - 62 - 9 DOT No. ____ Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, ____, ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can Stoners Mold Release
Substance Polypropylene CAS No. 25085 - 53 - 4 DOT No. ____ Substance No. (if available) ____ Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, ____, ____, ____, ____	Max. Daily 15 Avg. Daily 15 Days Onsite 365 (Actual Number)	Container 44 Conditions 01, 04 Location(s) Plastics 9A bldg 15 & 11 Polypropylene Resin
Substance Mineral Spirits CAS No. 8032 - 32 - 4 DOT No. ____ Substance No. (if available) ____ Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, 70, ____, ____	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 36 Conditions 01, 04 Location(s) Plastics 9A Safety Solvent (safety Kleen)
Substance Trichloroethane CAS No. 77 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent ____ (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70, ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can Stoner's Rust Prevention
Substance Dichlorodifluoromethane CAS No. 75 - 71 - 8 DOT No. 1028 Substance No. (if available) 0649 Percent ____ (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 67, 70, ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics Aerosal Can Stoner's Rust Preventative
Substance Petroleum Distillates CAS No. 8002 - 05 - 9 DOT No. 1268 Substance No. (if available) 2648 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ____, ____, ____, ____	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 48/50 Conditions 01, 04 Location(s) Plastics 9A Hydraulic Oil

See Instructions for codes.

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN

B. Facility Name: Shulton Plastics (9A)

C. Location Address: ~~697 Rt 46~~

D. City: Clifton E. State: NJ F. Zip: 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance: Methyl Chloroform CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, 67, 69, 70,	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 02, 04 Location(s) Aerosal Can Plastics 9A Safety solvent Cleaner 90-95%
Substance: 1,4 Dioxane CAS No. 123 - 91 - 1 DOT No. 1165 Substance No. (if available) 0789 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can ~~Safety Solvent Cleaner 1-5%~~
Substance: Carbon Dioxide CAS No. 124 - 38 - 9 DOT No. 1013 Substance No. (if available) 0343 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can
Substance: Trichloroethylene CAS No. 79 - 01 - 06 DOT No. 1710 Substance No. (if available) 1890 Percent ? (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can A 484 Mold Cleaner
Substance: Methylene Chloride CAS No. 75 - 09 - 6 DOT No. 1593 Substance No. (if available) 1255 Percent (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can A484 Mold Cleaner
Substance: Chlorodifluromethane CAS No. 74 - 45 - 6 DOT No. 1018 Substance No. (if available) 0386 Percent (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02, 04 Location(s) ~~Plastics Dept Aerosal Can~~ ~~A 484 Mold Cleaner~~
Substance: Trichloro-Trifluoroethane CAS No. 76 - 13 - 1 DOT No. Substance No. (if available) 1904 Percent 50 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) Plastics 9A PIF Freon

See Instructions for codes.

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN _____ C. Location Address 697 Rt 46

B. Facility Name Shulton Plastics (9A) D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Acrylonitrile CAS No. 107 - 13 - 1 DOT No. 1093 Substance No. (if available) 0024 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67 , , , ,	(Enter Code) Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 37 Conditions 01 , 04 Location(s) Warehouse bldg 15 bldg 11 ABS Resin
Substance Styrene CAS No. 100 - 42 - 5 DOT No. 2055 Substance No. (if available) 1748 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , , , ,	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 37 Conditions 01 , 04 Location(s) Warehouse Bldg 15 Bldg 11
Substance Methylene Chloride CAS No. 75 - 09 - 2 DOT No. 1593 Substance No. (if available) 1255 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , 69 , 70 , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 , 04 Location(s) Plastics 9A Aerosal Can Mold Protector
Substance Trichloroethane CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , 69 , 70 , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 , 04 Location(s) Plastics 9A Aerosal Can Mold Protector
Substance Propane CAS No. 74 - 98 - 6 DOT No. 1978 Substance No. (if available) 1594 Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)	67 , 69 , 70 , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 , 04 Location(s) Plastics 9A Aerosal Can Mold Protector
Substance Isobutane CAS No. 75 - 28 - 5 DOT No. 1969 Substance No. (if available) 1040 Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)	67 , 69 , 70 , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 02 , 04 Location(s) Plastics 9A Aerosal Can Mold Protector
Substance Rubber Modified Styrene CAS No. 9003 - 55 - 8 DOT No. Substance No. (if available) Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 70 , , ,	Max. Daily 16 Avg. Daily 16 Days Onsite 365 (Actual Number)	Container 44 Conditions 01 , 04 Location(s) Plastics 9A Bldg 15 & 11 Huntsman - Polystyrene

See Instructions for codes.

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN _____ C. Location Address 697 Rt 46

B. Facility Name Shulton Plastics (9A) D. City Clifton E. State nj F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Ethylene Glycol CAS No. 107 -21 -1 DOT No. 1142 Substance No. (if available) 0878 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66 , 67 , 70 , — , —	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 , 04 Location(s) Plastic - 9A Weber Marking Ink
Substance Ethylene Glycol CAS No. 107 - 21 - 1 DOT No. 1142 Substance No. (if available) 0878 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , 70 , — , —	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 , 04 Location(s) Plastics - 9A Heat transfer fluid
Substance Mineral Spirits CAS No. 64741 - 41 - 9 DOT No. — Substance No. (if available) — Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , 70 , — , —	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 , 04 Location(s) Plastics - 9A Mineral Spirits
Substance Phenol CAS No. 90 - 72 - 2 DOT No. — Substance No. (if available) — Percent — (Code) State — (Code) Trade Secret ☐ (Check if claiming)	67 , — , — , — , —	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) Plastics 9A (Blister Pack) Portion Stik
Substance Epoxy Resin CAS No. 25068 - 38 - 6 DOT No. — Substance No. (if available) — Percent 53 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , — , — , — , —	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) Plastics 9A (Blister Pack) Portion Stik
Substance Polyethylene CAS No. 9002 - 88 - 4 DOT No. — Substance No. (if available) — Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 70 , — , — , —	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 37 Conditions 01 , 04 Location(s) Plastics 9A - B-15 & B-11 Polyethylene - Resin
Substance Trichloramonofluoro Methane CAS No. 75 - 69 - 4 DOT No. 1078 Substance No. (if available) 1891 Percent — (Code) State — (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , 69 , — , —	Max. Daily 11 Avg. Daily 11 Days Onsite — (Actual Number)	Container 34 Conditions 02 , 04 Location(s) Plastics- 9A Aerosol cans Stoner's mold release

See Instructions for codes.

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Monoethanolamine CAS No. 141 -43 -5 DOT No. 2491 Substance No. (if available) 0835 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67 , , , , ,	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 , 04 Location(s) Boiler House Nalco 50635 1%
Substance Diethylaminoethanol CAS No. 100 -37 -8 DOT No. 2686 Substance No. (if available) 0691 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70 , 67 , , , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 , 04 Location(s) Boiler House Nalco 359 20-40%
Substance Sodium Metabisulfite CAS No. 7681 -57-4 DOT No. 2693 Substance No. (if available) 1708 Percent 52 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , , , , ,	Max. Daily 12 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43 Conditions 01 , 04 Location(s) Boiler House Nalco 2811 1-10%
Substance Sodium Hydroxide CAS No. 1310 -73 -2 DOT No. 1823+ Substance No. (if available) 1706 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68 , 67 , , , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47/32 Conditions 01 , 04 Location(s) Boiler House Nalco 8735 20-40%
Substance Potassium Hydroxide CAS No. 1310 -58-3 DOT No. 1813+ Substance No. (if available) 1571 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68 , 67 , , , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47/32 Conditions 01 , 04 Location(s) Boiler House Nalco 8735 10-20%
Substance Sodium Bisulfate CAS No. 7681 -38 -1 DOT No. 1821+ Substance No. (if available) 1704 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Boiler House for Trane Nalco 50125 100%
Substance Potassium Permanganate CAS No. 7722 -64 -7 DOT No. 1490 Substance No. (if available) 1578 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Boiler House for Trane Unit Nalco S0126 1%

See Instructions for codes.

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

C. Location Address 697 Route 46

B. Facility Name Shulton Inc

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Methylene bisthiocyanate CAS No. 6317-18-6 - - DOT No. — Substance No. (if available) — Percent 53 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67 , — , — , — — , —	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container — Conditions 01 , 04 Location(s) used it towers Nalco 2527T
Substance Bis(tri-n-butylin) oxide CAS No. 56 - 35 - 9 DOT No. — Substance No. (if available) — Percent 52 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , — , — , — — , —	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container — Conditions 01 , 04 Location(s) used in towers Nalco 2527T
Substance Hydroxyethylidene diphosphonic acid CAS No. 2809 - 21 - 4 DOT No. — Substance No. (if available) — Percent 52 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , — , — , — — , —	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43 Conditions 01 , 04 Location(s) used in towers Nalco 2805 Ball
Substance Sodium hydroxide CAS No. 1310 - 73 - 2 DOT No. 1823+ Substance No. (if available) 1706 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , — , — , — — , —	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 or 32 Conditions 01 , 04 Location(s) Trane room by steam turbine Nalco 8325 1-10%
Substance Sodium nitrate CAS No. 7632 - 00 - 0 DOT No. 1500 Substance No. (if available) 2258 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68 , 67 , — , — — , —	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 or 32 Conditions 01 , 04 Location(s) Trane room and by steam turbine Nalco 8325 20-40%
Substance Sodium molybdate CAS No. 7631 - 95 - 0 DOT No. — Substance No. (if available) — Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , — , — , — — , —	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 32/47 Conditions 01 , 04 Location(s) Trane room and by steam turbine Nalco 8325 1-10%
Substance — CAS No. — - — - — DOT No. — Substance No. (if available) — Percent — (Code) State — (Code) Trade Secret ☐ (Check if claiming)	— , — , — , — — , —	Max. Daily — Avg. Daily — Days Onsite — (Actual Number)	Container — Conditions — , — Location(s)

See Instructions for codes.

AEU000499

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN _____ C. Location Address 697 Route 46

B. Facility Name Shulton Corporation D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Dioxane CAS No. 123 - 91 - 1 DOT No. 1165 Substance No. (if available) 0789 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, 67, 69, 70, ____	(Enter Code) Max. Daily 9 Avg. Daily 9 Days Onsite ____ (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 02, 04 Location(s) Plastics - 9A Magnaflux cleaner
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) ____ Percent 61 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01, 04 Location(s) Plastics - 9A Multi-core Solder
Substance Antimony CAS No. 7440 - 36 - 0 DOT No. 1549 Substance No. (if available) 0141 Percent 61 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01, 04 Location(s) Plastics - 9A Steele Spool solder
Substance Petrolium based oil CAS No. 64742 - 65 - 0 DOT No. 1268 Substance No. (if available) 2648 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, ____, ____, ____	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 48/50 Conditions 01, 04 Location(s) Plastics - 9A Hydrolic Oil - cooks
Substance Petrolium based grease CAS No. 7620 - 77 - 1 DOT No. ____ Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	67, 70, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Plastics - 9A Cook's #2 Grease
Substance ____ CAS No. ____ - ____ - ____ DOT No. ____ Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container ____ Conditions ____, ____ Location(s) ____
Substance ____ CAS No. ____ - ____ - ____ DOT No. ____ Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container ____ Conditions ____, ____ Location(s) ____

See Instructions for codes.

AEU000500

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Chromium CAS No. 7440 - 47 - 3 DOT No. ____ Substance No. (if available) 0432 Percent 53 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 68 , ____ , ____ , ____ , ____	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 01 , 04 Location(s) (constituent in piping) B-1 Maint.
Substance Nickle CAS No. 7740 - 02 - 0 DOT No. ____ Substance No. (if available) 1341 Percent 54 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	68 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) (constituient in piping) B-1 Maint.
Substance Copper CAS No. 7440 - 50 - 9 DOT No. ____ Substance No. (if available) 0528 Percent 52 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	68 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) (constituent in piping) B-1 Maint
Substance Antimony CAS No. 7440 - 36 - 0 DOT No. ____ Substance No. (if available) ____ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	68 , ____ , ____ , ____ , ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) (constituent in piping) B-1 Maint.
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	68 , ____ , ____ , ____ , ____	Max. Daily 10 Avg. Daily 10 Days Onsite ____ (Actual Number)	Container 34 Conditions 01 , 04 Location(s) (constituent in piping) B-1 Maint.
Substance Latex Paint CAS No. ____ - ____ - ____ DOT No. 2810 Substance No. (if available) 2885 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 , 04 Location(s) B-1 Maint.
Substance Teluene (in paint) CAS No. 108 - 58 - 3 DOT No. 1294 Substance No. (if available) 1866 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70 , 67 , 66 , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 , 04 Location(s) B-1 Maint.

See Instructions for codes.

AEU000501

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton Corp., Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Xylene (in paint) CAS No. 1330 - 20 - 7 DOT No. 1307 Substance No. (if available) 2014 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 70, 67, 66, ___, ___	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 01, 04 Location(s) B-1 Maint.
Substance Fuel Oil CAS No. - - DOT No. 1993 Substance No. (if available) 2444 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 66, ___, ___, ___	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 49 Conditions 01, 04 Location(s) Outside B-5 Boiler
Substance Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. 1170 Substance No. (if available) 0844 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 280 (Actual Number)	Container 46 Conditions 01, 04 Location(s) Outside B-6
Substance Bromine Sulfate CAS No. 4845 - 99 - 2 DOT No. 1992 Substance No. (if available) ___ Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 68, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 50 Conditions 01, 04 Location(s) B-9 Processing
Substance Methanol CAS No. 07 - 56 - 1 DOT No. 1952 Substance No. (if available) 1222 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01, 04 Location(s) B-5 Processing
Substance Diethyl Phthelete CAS No. 84 - 66 - 2 DOT No. ___ Substance No. (if available) 0707 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 280 (Actual Number)	Container 46 Conditions 01, 04 Location(s) Outside B-6
Substance Acrylic Acid CAS No. 79 - 10 - 7 DOT No. 2218 Substance No. (if available) 0023 Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 68, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 250 (Actual Number)	Container 43 Conditions 01, 04 Location(s) Processing B-11

See Instructions for codes.

AEU000502

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

C. Location Address 697 Route 46

B. Facility Name Shulton, Inc.

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Codes for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Formaldehyde CAS No. 50-00-0 DOT No. 1198 Substance No. (if available) 0946 Percent (Code) 60 State (Code) L Trade Secret ☐ (Check if claiming)	66, 67, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite (Actual Number) 250	Container 46 Conditions 01, 04 Location(s) Processing B-11
Substance Ethylene Glycol Diethyl Ether CAS No. 629-14-1 DOT No. 1153 Substance No. (if available) 0879 Percent (Code) 52 State (Code) S Trade Secret ☐ (Check if claiming)	66, 67, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite (Actual Number) 250	Container 46 Conditions 01, 04 Location(s) Processing B-11
Substance Sulfuric Acid CAS No. 7664-93-9 DOT No. 18314 Substance No. (if available) 1761 Percent (Code) 60 State (Code) L Trade Secret ☐ (Check if claiming)	66, 67, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite (Actual Number) 365	Container 34 Conditions 01, 04 Location(s) Forktruck
Substance Sodium Metabisulfite CAS No. 7681-57-4 DOT No. 2093 Substance No. (if available) 1708 Percent (Code) 60 State (Code) L Trade Secret ☐ (Check if claiming)	66, 67, 68, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite (Actual Number) 365	Container 43 Conditions 01, 04 Location(s) Processing B-9
Substance CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
Substance CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)
Substance CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions Location(s)

See Instructions for codes.

AEU000503

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Perfume Oil CAS No. na - - DOT No. Substance No. (if available) Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 70, , , ,	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47/48 Conditions 01, 04 Location(s) B-4 Perfume compounding Old Spice Perfume Oil
Substance Diethyl Phthalate CAS No. 84 -66 - 2 DOT No. Substance No. (if available) 0707 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, , , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47/48 Conditions 01, 04 Location(s) B-4 Perfume compounding Old Spice perfume oil
Substance Diethyl Phthalate CAS No. 84 - 66 - 2 DOT No. Substance No. (if available) Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, , , , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) B-4 Perfume Compounding Bldg 4 Perfume Compounding Old Spice Perfume Oil
Substance Gamma Nonalactune CAS No. 104 -61 - 0 DOT No. NA Substance No. (if available) NA Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 160 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Bldg 4 Perfume Compounding Aldehyde C-18 FCC
Substance Undecanal CAS No. 112 -44 - 7 DOT No. NA Substance No. (if available) NA Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Bldg 4 Perfume Compounding Aldehyde C-11 Aundecylic
Substance 2-Methyluadecanal CAS No. 110 - 41- 8 DOT No. NA Substance No. (if available) NA Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) B-4 Perfume Compounding Aldehyde C-12 MNA
Substance Gamma - Undecalactune CAS No. 104 - 67- 6 DOT No. NA Substance No. (if available) NA Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) B-4 Perfume Compounding Aldohyde C-14 Pure FCC

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AEU000504

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Nananal CAS No. 124 - 19- 6 DOT No. ~~NA~~ Substance No. (if available) NA Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 70, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions ~~01~~, ~~04~~ Location(s) B-4 Perfume Compounding Aldehyde C-9
Substance Decanal CAS No. 112 - 31- 2 DOT No. - Substance No. (if available) NA Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) B-4 Perfume Compounding Aldehyde C-10
Substance Nonyl Alcohol CAS No. 143 - 08- 8 DOT No. - Substance No. (if available) - Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions ~~01~~, ~~04~~ Location(s) ~~B-4 Perfume Compounding~~ ~~Alcohol C-9 FCC~~
Substance Decyl Alcohol CAS No. 112 - 30- 1 DOT No. NA Substance No. (if available) NA Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions ~~01~~, ~~04~~ Location(s) B-4 Perfume Compounding Alcohol C-10 FCC
Substance N-Undecylic Alcohol CAS No. 112 - 42- 5 DOT No. - Substance No. (if available) - Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions ~~01~~, ~~04~~ Location(s) B-4 Perfume Compounding Alcohol C-11 FCC
Substance Methanol CAS No. 67 - 56- 1 DOT No. 1230 Substance No. (if available) 1222 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	~~66~~, ~~67~~, ~~70~~, ___, ___	Max. Daily ~~12~~ Avg. Daily ~~12~~ Days Onsite 365 (Actual Number)	Container ~~47~~ Conditions ~~01~~, ~~04~~ Location(s) ~~B-4 Perfume Compounding~~ Methanol
Substance ___ CAS No. ___ - ___ - ___ DOT No. ___ Substance No. (if available) ___ Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily ___ Avg. Daily ___ Days Onsite ___ (Actual Number)	Container ___ Conditions ___, ___ Location(s) ___

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Methyl Alcohol CAS No. 67 - 56 1 DOT No. 1230 Substance No. (if available) 1222 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 70, 67, 66, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 01, 04 Location(s) Bldg 9 Filling
Substance Methyl Alcohol CAS No. 67 - 56 1 DOT No. 1230 Substance No. (if available) 1222 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 11 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Bldg 9 Filling
Substance Methyl Ethyl Ketone (2-Butane) CAS No. 78 - 93 - 3 DOT No. 1193 Substance No. (if available) 1258 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Bldg 9 Filling
Substance Methyl Alcohol CAS No. 67 - 56 - 1 DOT No. 1230 Substance No. (if available) 1222 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Bldg 9 Filling
Substance Methyl Ethylketone (2-Butanone) CAS No. 78 - 93 - 3 DOT No. 1193 Substance No. (if available) 1258 Percent 55 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Sodium Hydroxide CAS No. 1310 - 73 - 2 DOT No. 1823 Substance No. (if available) 1706 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) B-9 Filling
Substance 2 - Butoxy Ethanol CAS No. 111 - 76 - 2 DOT No. 2369 Substance No. (if available) 0275 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) B-9 Filling

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Petroleum Distillates CAS No. 8002-05-9 DOT No. 1268 Substance No. (if available) 2648 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 70, ____, ____, ____	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 01, 04 Location(s) B-9 Filling
Substance Benzine CAS No. 8030-30-6 DOT No. 1115 Substance No. (if available) 0206 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ____, ____, ____, ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01, 04 Location(s) B-9 Filling
Substance Methychloroform CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 55 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01, 04 Location(s) B-9 Filling
Substance Propane CAS No. 74-98-6 DOT No. 1978 Substance No. (if available) 1594 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, ____, ____, ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling
Substance Methylchoroform CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling
Substance Isopropyl Alcohol CAS No. 67-63-0 DOT No. 1219 Substance No. (if available) 1076 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite ____ (Actual Number)	Container 46 Conditions 02, 04 Location(s)
Substance N,N - Dialkyltoluidine CAS No. ____-____-____ DOT No. ____ Substance No. (if available) ____ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling

See Instructions for codes.

AEU000507

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Mercaptans & Mixture CAS No. ___-___-___ DOT No. 1228 Substance No. (if available) 2536 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, ___, ___, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 02, 04 Location(s) B-9 Filling
Substance 1-Methoxy 2-Propanol CAS No. 107-98-2 DOT No. ___ Substance No. (if available) ___ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance 1-Methoxy 2-Propanol CAS No. 170-98-2 DOT No. ___ Substance No. (if available) ___ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Methyl Choroform CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling
Substance Cumene Hydroperoxide CAS No. 80-15-9 DOT No. 2116 Substance No. (if available) 0543 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68, 66, ___, ___, ___	Max. Daily 9 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Saccharin CAS No. 81-07-2 DOT No. ___ Substance No. (if available) 1641 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Methy chloroform CAS No. 71-55-6 DOT No. ___ Substance No. (if available) 1237 Percent 57 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling

See Instructions for codes.

AEU000508

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Liquified Petroleum CAS No. 68476 -85 -7 DOT No. 1075 Substance No. (if available) 1118 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 70, ___, ___, ___	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 02, 04 Location(s) B-9 Filling
Substance Sodium Dichloro -s- Triazinetrione CAS No. 2893 -78 -9 DOT No. 2465 Substance No. (if available) 1694 Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 01, 04 Location(s) B-9 Filling
Substance Pine Oil CAS No. 8002 -09- 3 DOT No. 1272 Substance No. (if available) 2684 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Isopropyl Alcohol CAS No. 67 -63 -0 DOT No. 1219 Substance No. (if available) 1076 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Ammonia CAS No. 7664 -41-7 DOT No. 1005 Substance No. (if available) 0084 Percent 61 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Silicone CAS No. 541 -02- 6 DOT No. 1993 Substance No. (if available) ___ Percent 61 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling
Substance Petroleum Distillates CAS No. 8002 -05 -9 DOT No. 1268 Substance No. (if available) 2648 Percent 61 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling

See Instructions for codes.

AEU000509

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Acetone CAS No. 67 - 64 - 1 DOT No. 1090 Substance No. (if available) 0006 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 70, 68, 67, 66, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Storage Room, B-6
Substance Isopropyl Alcohol CAS No. 67 - 63 - 0 DOT No. ___ Substance No. (if available) 1076 Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Room B-6
Substance Methanol CAS No. 67 - 56 - 1 DOT No. 1230 Substance No. (if available) 1222 Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Acetone Storage Room B-6
Substance Hexane CAS No. 110 - 54 - 3 DOT No. 1208 Substance No. (if available) 1340 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 68, 67, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Room Building 6
Substance Methanol CAS No. 67 - 56 - 1 DOT No. 1230 Substance No. (if available) 1222 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Room Building - 9
Substance Carbon Tetrachloride CAS No. 56 - 23 - 5 DOT No. 1846 Substance No. (if available) 0347 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Room
Substance Silver Nitrate CAS No. 7761 - 88 - 8 DOT No. 1493 Substance No. (if available) ___ Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage rm Bldg 6

See Instructions for codes.

AEU000510

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Acetic Acid CAS No. 64 - 19 - 7 DOT No. ____ Substance No. (if available) 0004 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ____, ____, ____	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Storage rm Bldg 6
Substance Phosphoric Acid CAS No. 7664 - 38 - 2 DOT No. 1805 Substance No. (if available) ____ Percent 58 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Benzyl Choride CAS No. 100 - 47 - 7 DOT No. ____ Substance No. (if available) 0217 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Methylene Chloride CAS No. 75 - 09 - 2 DOT No. 1593 Substance No. (if available) 1255 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) QC Lab Bldg 6
Substance Chloroform CAS No. 67 - 66 - 3 DOT No. 1888 Substance No. (if available) ____ Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 68, 67, 66, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) QC Lab Bldg 6
Substance Petroleum Ether CAS No. 71 - 43 - 2 DOT No. 1114 Substance No. (if available) 0197 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) QC Lab Bldg 6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Nitric Acid QC Lab Bldg 6

See Instructions for codes.

AEU000511

Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Hydrochloric Acid CAS No. 7647 - 01 - 0 DOT No. 1050 Substance No. (if available) 1012 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 68, 67, 66, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Hydrochloric Acid CAS No. 7647 - 01 - 0 DOT No. 1050 Substance No. (if available) 1012 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Acetic Anhydride CAS No. 108 - 24 - 7 DOT No. ___ Substance No. (if available) 0005 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Acetic Acid Glacial CAS No. 64 - 19 - 7 DOT No. 2789 Substance No. (if available) 0004 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) QC Lab Bldg 6
Substance Potassium Hydroxide CAS No. 1310 - 73 - 2 DOT No. 1823 Substance No. (if available) ___ Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Pyridine CAS No. 110 - 86 - 1 DOT No. 1823 Substance No. (if available) ___ Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Sodium Hydroxide CAS No. 1310 - 73 - 2 DOT No. 1823 Substance No. (if available) ___ Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Storage Rm Bldg 6

See Instructions for codes.

AEU000512

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Nitric Acid Storage Rm Bld 6
Substance Perchloric Acid CAS No. 7601 - 90 - 3 DOT No. 1873 Substance No. (if available) 2638 Percent 57 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) QC Lab Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Perchloric Acid QC Lab Bldg 6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Perchloric Acid QC Lab Bldg 6
Substance Air Compressed CAS No. ____ - ____ - ____ DOT No. 1002 Substance No. (if available) 2070 Percent 59 (Code) State G (Code) Trade Secret ☐ (Check if claiming)	69, ____, ____, ____, ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 40 Conditions 02, 04 Location(s) Instrument & Perfume Lab Bldg 6
Substance Helium Compressed CAS No. 7 - ____ - ____ DOT No. ____ Substance No. (if available) ____ Percent 59 (Code) State G (Code) Trade Secret ☐ (Check if claiming)	69, ____, ____, ____, ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 40 Conditions 02, 04 Location(s) Instrument & Perfume Lab Bldg 6
Substance Hydrogen Compressed CAS No. 1333 - 74 - 0 DOT No. 1049 Substance No. (if available) 1010 Percent 59 (Code) State G (Code) Trade Secret ☐ (Check if claiming)	70, 69, ____, ____, ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 40 Conditions 02, 04 Location(s) Perfume Lab

See Instructions for codes.

AEU000513

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Ammonia CAS No. 7664 - 41 - 7 DOT No. 1005 Substance No. (if available) 0084 Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Pyridine Storage Rm Bldg 6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ___ Substance No. (if available) 0528 Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In pyridine Storage Rm Bldg 6
Substance Toluene CAS No. 108 - 88 - 3 DOT No. 1294 Substance No. (if available) 1866 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Alcohol Anhydrous 3A CAS No. 64 - 17 - 5 DOT No. 1170 Substance No. (if available) 0844 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Methyl Alcohol CAS No. 67 - 56 - 1 DOT No. 1230 Substance No. (if available) ___ Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Nitric Acid CAS No. 7697 - 37 - 2 DOT No. 2031 Substance No. (if available) 1356 Percent 57 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68, 67, 66, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Rm Bldg 6
Substance Sulfuric Acid Conc CAS No. 7664 - 93 - 9 DOT No. 1831 Substance No. (if available) 1761 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Rm Bldg 6

See Instructions for codes.

AEU000514

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Zinc Sulfate Powder CAS No. 7733 - 02 - 0 DOT No. 9161 Substance No. (if available) 2044 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66 , ___ , ___ , ___ , ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Retain Rm Bldg
Substance Potassium Hydroxide Pellets CAS No. 1310 - 58 - 3 DOT No. 1813 Substance No. (if available) 1571 Percent 58 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , ___ , ___ , ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , ___ , ___ , ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) In Potassium Hydroxide Pellets; Retain Rm Bldg 6
Substance Nickel CAS No. 7440 - 02 - 0 DOT No. ___ Substance No. (if available) 1341 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___ , ___ , ___ , ___ , ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) In Potassium Hydroxide Pellets; Retain Rm Bldg 6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___ , ___ , ___ , ___ , ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) In Potassium Hydroxide Pellets Retain Rm Bldg 6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___ , ___ , ___ , ___ , ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) In Potassium Hydroxide Pellets; Retain Rm Bldg 6
Substance ___ CAS No. ___ - ___ - ___ DOT No. ___ Substance No. (if available) ___ Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	___ , ___ , ___ , ___ , ___	Max. Daily ___ Avg. Daily ___ Days Onsite ___ (Actual Number)	Container ___ Conditions ___ , ___ Location(s) ___

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Nitrates CAS No. ___-___-___ DOT No. ___ Substance No. (if available) 2584 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Cobatt Chloride Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 93 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cobatt Chloride Bldg 6 Retain Rm
Substance Copper CAS No. 1440 - 50 - 8 DOT No. ___ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cobatt Chloride Retain Rm Bldg 6
Substance Nickel CAS No. 7440 - 02 - 0 DOT No. ___ Substance No. (if available) 1341 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cobalt Chloride Retain Rm Bldg 6
Substance Copric Sulfate CAS No. 7758 - 98 - 1 DOT No. 9109 Substance No. (if available) 0549 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Rm Bldg 6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cupric Sulfate Bldg 6 Storage Rm
Substance Nickel CAS No. 7440 - 02 - 0 DOT No. ___ Substance No. (if available) 1341 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cupric Sulfate Bldg 6 Storage Rm

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FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. ____ Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ____, ____, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Cobalt Acetate Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cobalt Acetate Retain Rm Bldg 6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ____ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cobalt Acetate Retain Rm Bldg 6
Substance Nickel CAS No. 7440-02-0 DOT No. ____ Substance No. (if available) 1341 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cobalt Acetate Retain Rm Bldg 6
Substance Zinc CAS No. 7440 - 66 6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cobalt Acetate Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Acetate Mono Hydrate Retain Rm
Substance Formamide CAS No. 75 - 12 - 7 DOT No. 1993 Substance No. (if available) 0947 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Rm Bldg 6

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Morpholine CAS No. 110 - 91 - 8 DOT No. 2054 Substance No. (if available) 1315 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 70, 67, 66, ___, ___, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Retain Rm Bldg 6
Substance Aluminum CAS No. 7429 - 90 - 5 DOT No. 1383 Substance No. (if available) 0054 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Devarda's Metal; Retain Rm Bldg 6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ___ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In devarda's Metal Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Devarda's Metal Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Dextrose Anhydrous Retain Rm Bldg 6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Dextrous Anhydrous Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Disodium Salt Powder Retain Rm Bldg 6

See Instructions for codes.

AEU000518

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Reporting Period: January 1 - December 31, ~~1989~~ 1990

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

C. Location Address 697 Route 46

B. Facility Name Shulton, Inc.

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Disodium Salt Crystals Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In disodium salt crystals retain room - B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) in disodium salt crystal Retain room - B-6
Substance Manganese CAS No. 7439 - 96 - 5 DOT No. ___ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In disodium salt crystal Retain room - B-6
Substance Zinc CAS No. 7440 - 66 - 6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Indisodium Salt crystal retain room b-6
Substance Nitrate CAS No. ___ - ___ - ___ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In ferric Ammonium sulfate retain room - B-6
Substance Cooper CAS No. 7440 - 50 - 8 DOT No. ___ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferric Ammonium sulfate retain room - B-6

See Instructions for codes.

AEU000519

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Maganese CAS No. 7439 - 96 - 5 DOT No. ____ Substance No. (if available) 1155 Percent S1 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ____, ____, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Ferric Nitrate Retain Room B-6
Substance Ferrous Chloride CAS No. 7758 - 94 - 3 DOT No. ____ Substance No. (if available) ____ Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Ferrous Chloride in retain room B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0512 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferrous Chloride retain room B-6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ____ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferrous Chloride retain room B-6
Substance Zinc CAS No. 7440 - 66 - 6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferrous Chloride Retain Room, B-6
Substance Ferrous Sulfate CAS No. 7720 - 78 - 7 DOT No. 9125 Substance No. (if available) 0931 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Manganese CAS No. 7439 - 96 - 5 DOT No. ____ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferrous Sulfates Retain room, B-6

See Instructions for codes.

AEU000520

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Zinc CAS No. 7440-66-6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Ferric Ammonium sulfate retain room b-6
Substance Ferric Chloride Lump CAS No. 7705-08-0 DOT No. 1773 Substance No. (if available) 1034 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) retain room b-6
Substance Arsenic CAS No. 7440-38-2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferric Chloride lump Retain Rm Bldg 6
Substance Nitrate CAS No. --- DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferric Chloride lump Retain Rm Bldg 6
Substance Copper CAS No. 7440-50-8 DOT No. ___ Substance No. (if available) 0528 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferric Chloride Lump Retain Rm Bldg 6
Substance Zinc CAS No. 7440-66-6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferric Chloride Lump Retain Rm Bldg 6
Substance Ferric Nitrate CAS No. 1042-48-4 DOT No. 1466 Substance No. (if available) 0924 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Rm Bldg 6 Retain Rm Bldg 6

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AEU000521

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Zinc CAS No. 7440 - 66 - 6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ____, ____, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Ferrous Sulfate retain room, B-6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ____ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Inferrous Sulfate retain room, B-6
Substance Hydrizine Sulfate CAS No. 1003 - 93 - 2 DOT No. ____ Substance No. (if available) 2360 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Hydrazine Sulfate Retain room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Hydroxlamine hydro-Chloride, Retain room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Iron powder Retain room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In iron Powder Retain Room, B-6

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Iodine Monochloride CAS No. 7790 - 99-0 DOT No. ____ Substance No. (if available) 1027 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Iodine CAS No. 7553 - 56-2 DOT No. 1851 Substance No. (if available) 1026 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Lead Acetate CAS No. 301 - 04-2 DOT No. ____ Substance No. (if available) 1097 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Nitrate CAS No. ____ - ____ - ____ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Lead Acetate Retain room, B-6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ____ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Lead Acetate retain room, B-6
Substance Lead Nitrate CAS No. 10099 - 74-8 DOT No. 1469 Substance No. (if available) 1108 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Copper CAS No. 7440 - 50-8 DOT No. ____ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Lead Nitrate Retain Room, B-6

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Silver CAS No. 7440-22-4 DOT No. ____ Substance No. (if available) 1669 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ____, ____, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Lead Oxide Retain room, B-6
Substance Copper CAS No. 7440-50-8 DOT No. ____ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Lead Oxide Retain room, B-6
Substance Lead Oxide CAS No. 1309-60-0 DOT No. 1872 Substance No. (if available) 1104 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead Dioxide CAS No. 1309-60-0 DOT No. 1872 Substance No. (if available) 1104 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Lead Chromate CAS No. 7758-97-6 DOT No. 2291 Substance No. (if available) 1102 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439-92-1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Lithium Chloride Retain Room, B-6
Substance Nitrate CAS No. ____-____-____ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Lithium Chloride Retain room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Nickle CAS No. 7440 - 02 - 0 DOT No. ____ Substance No. (if available) 1341 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ____, ____, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite ____ (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Lithium Chloride
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Lithium Chloride Retain Room, B-6
Substance Potassium CAS No. 7440 - 09 - 7 DOT No. 2255 Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Lithium Chloride Retain room, B-6
Substance Barium CAS No. 7440 - 39 - 3 DOT No. 1400 Substance No. (if available) 0180 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Lithium Chloride Retain room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Lithium Acetate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Manganous Chloride Retain room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. ____ Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Acetate Retain room, B-6

See instructions for codes.

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FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67 , 66 , ____ , ____ , ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01 , 04 Location(s) In Magnesium Acetate Retain Room, B-6
Substance Potassium CAS No. 7440 - 09 - 7 DOT No. 2255 Substance No. (if available) 1555 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____ , ____ , ____ , ____ , ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Magnesium Acetate Retain Room, B-6
Substance Manganese CAS No. 7439 - 96 - 5 DOT No. ____ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____ , ____ , ____ , ____ , ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Magnesium Acetate Retain room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. ____ Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____ , ____ , ____ , ____ , ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Magnesium Acetate Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____ , ____ , ____ , ____ , ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Magnesium Acetate Retain room, B-6
Substance Strontium CAS No. 7440 - 24 - 6 DOT No. ____ Substance No. (if available) ____ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____ , ____ , ____ , ____ , ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Magnesium Acetate Retain Room, B-6
Substance Calsium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____ , ____ , ____ , ____ , ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Magnesium Carbonate Retain Room, B-6

See Instructions for codes.

AEU000526

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ____, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Magnesium Carbonate Retain Room, B-6
Substance Nitrate CAS No. ____ - ____ - ____ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Carbonate Retain Room, B-6
Substance Barium CAS No. 7440 - 39 - 3 DOT No. ____ Substance No. (if available) 0180 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Chloride Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Chloride Retain Room, B-6
Substance Manganese CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Chloride Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Chloride Retain Room, B-6
Substance Nitrate CAS No. ____ - ____ - ____ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Chloride Retain Room, B-6

See Instructions for codes.

AEU000527

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Magnesium Chloride Retain Room, B-6
Substance Strontium CAS No. 7440 - 24 - 6 DOT No. 1434 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Chloride Retain Room, B-6
Substance Potassium CAS No. 7440 - 09 - 7 DOT No. 2255 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Chloride Retain Room, B-6
Substance Magnesium Nitrate CAS No. 10377 - 60 - 3 DOT No. 1474 Substance No. (if available) 1143 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Strontium CAS No. 7440 - 24 - 6 DOT No. 1434 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Nitrate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Nitrate Retain Room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Nitrate Retain Room, B-6

See Instructions for codes.

AEU000528

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Manganese CAS No. 7439 - 96 - 5 DOT No. ____ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ____, ____, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Magnesium Nitrate Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Nitrate Retain Room, B-6
Substance Barium CAS No. 7440 - 39 - 3 DOT No. 1400 Substance No. (if available) 0180 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Nitrate Retain Room, B-6
Substance Potassium CAS No. 7440 - 09 - 7 DOT No. 2255 Substance No. (if available) 1555 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Nitrate Retain Room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Sulfate Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Sulfate Retain Room, B-6
Substance Manganese CAS No. 7439 - 96 - 5 DOT No. ____ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Sulfate Retain Room, B-6

See Instructions for codes.

AEU000529

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7439-92-1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Magnesium Sulfate Retain Room, B-6
Substance Nitrate CAS No. ____-____-____ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Magnesium Sulfate Retain Room, B-6
Substance Mercuric Oxide, Red CAS No. 21908-53-2 DOT No. 2811 Substance No. (if available) 2537 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Nitrogen CAS No. 7727-37-9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Mercuric Oxide, Red Retain Room, B-6
Substance Mercuric Sulfate CAS No. 7783-35-9 DOT No. 1645 Substance No. (if available) 1177 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439-92-1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Mercuric Sulfate Retain Room, B-6
Substance Nitrate CAS No. ____-____-____ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Mercuric Sulfate Retain Room, B-6

See Instructions for codes.

AEU000530

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Chloroacetic Acid CAS No. 78 - 11 - 8 DOT No. 1750 Substance No. (if available) 0373 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 68, 67, 66, ____, ____, ____	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite ____ (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s)
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Citric Acid Monohydrate REtain room, B-6
Substance Cupric Chloride CAS No. 1344 - 67 - 8 DOT No. 2802 Substance No. (if available) 0532 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Nitrate CAS No. ____ - ____ - ____ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cupric Chloride Retain Room, B-6
Substance Cuperic Nitrate CAS No. 3251 - 23 - 8 DOT No. 1475 Substance No. (if available) ____ Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) ____ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cuperic Nitrate Retain Room, B-6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ____ Substance No. (if available) 0528 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6

See Instructions for codes.

AEU000531

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

C. Location Address 697 Route 46

B. Facility Name Shulton, Inc.

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. ____ Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Cadmium Sulfate Retain room, B-6
Substance Zinc CAS No. 7440 - 66 - 6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cadmium Sulfate Retain Room, B-6
Substance Nitrates CAS No. ____ - ____ - ____ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cadmium Sulfate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cadmium Sulfate Retain Rm Bldg 6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ____ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Sulfate Retain Rm Bldg 6
Substance Carbon Disulfide CAS No. 75 - 15 - 0 DOT No. 1131 Substance No. (if available) 0344 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Rm Bldg 6
Substance Chloroplatinic Acid CAS No. 16941 - 12 - 1 DOT No. 2507 Substance No. (if available) 0406 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite ____ (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Rm Bldg 6

See Instructions for codes.

AEU000532

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Calcium Phosphate Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Sulfate Retain Rm Bldg 6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Sulfate Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Monochlordacetic Acid Retain Rm Bldg 6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Reagent Stick Retain Rm Bldg 6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ___ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Reagent Stick Retain Rm Bldg 6
Substance Nickel CAS No. 7440 - 02 - 0 DOT No. ___ Substance No. (if available) 1341 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Cadium Reagent Stick Retain Rm Bldg 6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Sodium CAS No. 7440-23-5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Calcium Carbonate Retain Rm Bldg 6
Substance Lead CAS No. 1439-92-1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Carbonate Retain Rm Bldg 6
Substance Manganese CAS No. 7439-96-5 DOT No. ___ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Carbonate Retain Rm Bldg 6
Substance Calcium Hydroxide CAS No. 1305-62-0 DOT No. ___ Substance No. (if available) 0322 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Rm Bldg 6
Substance Lead CAS No. 7439-92-1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Hydroxide Retain Room, B-6
Substance Lead CAS No. 7439-92-1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Phosphate Dibasic retain room, B-6
Substance Arsenic CAS No. 7440-38-2 DOT No. ___ Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Calcium Phosphate Dibasic Retain Room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Barium Hydroxide Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Barium Sulfate Retain room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Barium Sulfate Retain Room, B-6
Substance Benzoic Acid CAS No. 65 - 85 - 0 DOT No. ___ Substance No. (if available) 0209 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Boric Acid Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Boric Acid retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Boric Acid Retain Room, B-6

See Instructions for codes.

AEU000535

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Barium Carbonate Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Barium Carbonate Retain Room, B-6
Substance Strontium CAS No. 7440 - 24 - 6 DOT No. 1434 Substance No. (if available) 1739 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Barium Chloride Retain Room, B-6
Substance Calcium CAS No. 7440 -24 - 6 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Barium Chloride Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Barium Chloride Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Barium Hydroxide Retain Room, B-6
Substance Strontium CAS No. 7440 - 70 - 2 DOT No. 1434 Substance No. (if available) 1739 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Barium Hydroxide Retain room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Nickle CAS No. 7440-02-0 DOT No. ____ Substance No. (if available) 1341 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ____, ____, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Ammonium Pursulfate Retain Room, B-6
Substance Manganese CAS No. 7439-96-5 DOT No. ____ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Persulfate Retain Room, B-6
Substance Lead CAS No. 7439-92-1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, 67, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Phosphate Monobasic, Retain Room, B-6
Substance Nitrate CAS No. ____-____-____ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Phosphate Monobasic Retain Room, B-6
Substance Potassium CAS No. 7440-09-7 DOT No. 2255 Substance No. (if available) 1555 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Phosphate Monobasic Retain Room, B-6
Substance Sodium CAS No. 7440-23-5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Phosphate Monobasic Retain Room, B-6
Substance Arsenic CAS No. 7440-38-2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Phosphate Monobasic Retain Room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Ammonium Molyboate Retain room, B-6
Substance Nitrate CAS No. ____ - ____ - ____ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Molybdate Retain room, B-6
Substance Ammonium Nitrate CAS No. ____ - ____ - ____ DOT No. 2072 Substance No. (if available) 0106 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Nitrites CAS No. ____ - ____ - ____ DOT No. 2677 Substance No. (if available) 2587 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Nitrate Retain room, B-6
Substance Ammonium Oxalate CAS No. 1113 - 38 - 8 DOT No. 2449 Substance No. (if available) 0108 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite ____ (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Ammonium Persulfate CAS No. 7727 - 54 - 0 DOT No. 1444 Substance No. (if available) 0111 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Persulfate Retain Room, B-6

See Instructions for codes.

AEU000538

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Ammonium Acetate CAS No. 631 - 61 - 8 DOT No. 9079 Substance No. (if available) Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Lead CAS No. 739 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Acetate Retain Room, B-6
Substance Nitrates CAS No. ___ - ___ - ___ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ammonium Acetate Retain room, B-6
Substance Ammonium Bicarbonate CAS No. 1066 - 33 - 7 DOT No. 9081 Substance No. (if available) 0088 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Ammonium Chloride CAS No. 12125 - 02 - 9 DOT No. 9085 Substance No. (if available) 0093 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Ammonium Citrate Dibasic CAS No. 3012 - 65 - 5 DOT No. 9087 Substance No. (if available) 0096 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Ammonium Molybdate CAS No. 13106 - 76 - 8 DOT No. ___ Substance No. (if available) 0105 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6

See Instructions for codes.

AEU000539

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Aluminum Oxide CAS No. 1344 - 28 - 1 DOT No. ____ Substance No. (if available) 2891 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ____, ____, ____, ____, ____	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ____ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, 67, ____, ____, ____	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Amberlite, Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, 67, ____, ____, ____	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Amberlite, Retain Room, B-6
Substance Nickle CAS No. 7440 - 02 - 0 DOT No. ____ Substance No. (if available) 1341 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Amberlite, Retain Room, B-6
Substance Aluminum Nitrate CAS No. 13473 - 90 - 0 DOT No. 1438 Substance No. (if available) ____ Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Aluminum Chloride CAS No. 7446 - 70 - 0 DOT No. 1726 Substance No. (if available) ____ Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Aluminum Sulfate CAS No. 10043 - 01 - 3 DOT No. 9078 Substance No. (if available) 0068 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Zinc Chloride CAS No. 7646 - 85 - 7 DOT No. 2331 Substance No. (if available) 2030 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 68, ___, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) ___
Substance Nitrate CAS No. ___ - ___ - ___ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite ___ (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Zinc Chloride Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Zinc Chloride Retain Room, B-6
Substance Zinc Sulfate (Granular) CAS No. 7733 - 02 - 6 DOT No. 9161 Substance No. (if available) 2044 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	68, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, 67, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) In Zinc Sulfate, Granular Retain Room, B-6
Substance Nitrate CAS No. ___ - ___ - ___ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) In Zinc Sulfate (Granular) Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) In Zinc Sulfate (Granular) Retain Room, B-6

See Instructions for codes.

AEU000541

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Mercuric Acetate CAS No. 1600 - 27-7 DOT No. 1629 Substance No. (if available) 1166 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Mercury CAS No. 7439 - 97- 6 DOT No. 2025 Substance No. (if available) 1183 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Mercuric Acetate Retain Room, B-6
Substance Lead CAS No. 7439 - 92- 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Mercuric Acetate Retain Room, B-6
Substance Nitrate CAS No. ___ - ___ - ___ DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Mercuric Acetate Retain Room, B-6
Substance Mercuric Bromide CAS No. 7789 - 47 - 1 DOT No. 1634 Substance No. (if available) 1169 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Mercury-Triple Distilled CAS No. 7439 - 97- 6 DOT No. 2025 Substance No. (if available) ___ Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Mercuric Chloride CAS No. 7487 - 94- 7 DOT No. 1624 Substance No. (if available) 1170 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6

See Instructions for codes.

AEU000542

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Mercuric Iodide CAS No. 7749 - 29 - 0 DOT No. 1638 Substance No. (if available) 1172 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Mercurous Mercury CAS No. 7439 - 97 - 6 DOT No. 2025 Substance No. (if available) 1183 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Mercuric Iodide Retain Room, B-6
Substance Mercury Potassium Iodide CAS No. 7783 - 33 - 7 DOT No. 1643 Substance No. (if available) 1192 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In retain room, B-6
Substance Mercurous Oxide CAS No. 15829 - 53 - 5 DOT No. 1641 Substance No. (if available) 1191 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Ferrous Ammonium Sulfate CAS No. 10045 - 89 - 3 DOT No. 9122 Substance No. (if available) 0928 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Manganese CAS No. 7439 - 96 - 5 DOT No. ___ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferrous Ammonium Sulfate; Retain Room, B-6
Substance Zinc CAS No. 7440 - 66 - 6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Ferrous Ammonium Sulfate, retain room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ____ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite ____ (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Ferrous Ammonium
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Chloride Retain Room, B-6
Substance Barium CAS No. 7440 - 39 - 3 DOT No. 1400 Substance No. (if available) 0180 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Chloride Retain Room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Chloride Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1406 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Chloride Retain Room, B-6
Substance Nitrate CAS No. - - DOT No. 1477 Substance No. (if available) 2584 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Chloride Retain Room, B-6
Substance Nickle (Metal) CAS No. 7440 - 02 - 0 DOT No. ____ Substance No. (if available) 1341 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6

See Instructions for codes.

AEU000544

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Oxalic Acid CAS No. 144 - 62 - 7 DOT No. 2449 Substance No. (if available) 1445 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Inoxalic Acid Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Oxalic Acid Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Oxalic Acid Retain room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Bromide Retain Room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Bromide Retain room, B-6
Substance Barium CAS No. 7440 - 39 - 3 DOT No. 1400 Substance No. (if available) 0180 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Bromide Retain Room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

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D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1461 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Potassium Bromide Retain Room, B-6
Substance Potassium Cyanide CAS No. 151 - 50 - 8 DOT No. 1680 Substance No. (if available) 1562 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Cyanide Retain Room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Cyanide Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite ___ (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Iodide Retain Room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Phosphate Retain Room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Phosphate Retain Room, B-6

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

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B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7839 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Potassium Phosphate Monobasic; Retain Room, B-6
Substance Phenylhydrazine Hydrochloride CAS No. 59 - 88 - 1 DOT No. 2572 Substance No. (if available) 2659 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Bicarbonate Retain Room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Bicarbonate Retain Room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Bromate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Bromate Retain Room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Bromate Retain Room, B-6

See Instructions for codes.

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FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Nitrogen CAS No. 7727 - 32 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Potassium Phosphate Dibasic retain room, b-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ___ Substance No. (if available) 1096 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Phosphate Dibasic Retain Rm Bldg 6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Phosphate Dibasic Retain Rm Bldg 6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Phosphate Dibasic Retain Rm Bldg 6
Substance Manganese CAS No. 7439 - 96 - 5 DOT No. ___ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Meta Peridate Retain Rm Bldg 6
Substance O-Phenylphenol CAS No. 90 - 43 - 7 DOT No. ___ Substance No. (if available) 1439 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	68, 67, 66, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions ___, ___ Location(s) In Retain room, B-6
Substance Potassium Dichromate CAS No. 7778 - 50 - 9 DOT No. 1479 Substance No. (if available) 1564 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite ___ (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. ____ Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ____, ____, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Potassium Chromate Retain Room, B-6.
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Dichromate Retain Room, B-6
Substance Phosphorous Pentoxide CAS No. 1314 - 56 - 3 DOT No. 1807 Substance No. (if available) 1517 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 108 Avg. Daily 108 Days Onsite 365 (Actual Number)	Container 37 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Phosphate Trioxide CAS No. 1314 - 24 - 5 DOT No. 2578 Substance No. (if available) 1532 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Phosphorous Pentoxide Retain Room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Phosphorous Pentoxide Retain Room, B-6
Substance Potassium Chlorate CAS No. 3811 - 04 - 9 DOT No. 1485 Substance No. (if available) 1560 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	70, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Bromate CAS No. ____ - ____ - ____ DOT No. 1450 Substance No. (if available) 2180 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Chlorate Retain Room, B-6

See Instructions for codes.

AEU000549

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Arsenic CAS No. 7440-38-2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Potassium Chlorate Retain Room, B-6
Substance Lead CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Chlorate Retain room, B-6
Substance Nitrogen CAS No. 7727-37-9 DOT No. 1066 Substance No. (if available) 1375 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Chlorate Retain Room, B-6
Substance Potassium Nitrate CAS No. 7757-79-1 DOT No. 1486 Substance No. (if available) 1574 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	70, ___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Nitrite CAS No. --- DOT No. 2627 Substance No. (if available) 2587 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Nitrate Retain Room, B-6
Substance Lead CAS No. 7439-92-1 DOT No. ___ Substance No. (if available) 1096 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Nitrate Retain Room, B-6
Substance Calcium CAS No. 7440-70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Nitrate Retain Room, B-6

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B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7439 - 92 - ____ DOT No. 1096 Substance No. (if available) ____ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Potassium Thiocyanate Retain Room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Thiocyanate Retain Room, B-6
Substance Potassium Persulfate CAS No. 7727 - 21 - 1 DOT No. 1492 Substance No. (if available) 1580 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	68, ____, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Manganese CAS No. 7439 - 96 - 5 DOT No. ____ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Persulfate Retain Room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Persulfate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Persulfate Retain Room, B-6
Substance Potassium Chromate CAS No. 7789 - 00 - 6 DOT No. 9142 Substance No. (if available) ____ Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6

See Instructions for codes.

AEU000551

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A. NJEIN 01835100000-2844-16

C. Location Address 697 Route 46

B. Facility Name Shulton, Inc.

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Sodium CAS No. 7440 -23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Potassium Sulfate Retain Room, B-6
Substance Calcium CAS No. 7440 - 70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Sulfate Retain Room, B-6
Substance Pancreatin CAS No. 8049 - 47- 6 DOT No. 1851 Substance No. (if available) 1452 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439 - 92-1 DOT No. 1096 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Iodate Retain Room, B-6
Substance Nitrogen CAS No. 7727 -37 -9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Iodate Retain Room, B-6
Substance Sodium CAS No. 7440 - 23-5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Iodate Retain Room, B-6
Substance Potassium Permanganate CAS No. 7722 - 64-7 DOT No. 1490 Substance No. (if available) 1578 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	68, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6

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AEU000552

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C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Potassium Chromate Retain Room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Chromate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Acetate Retain Room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Acetate
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Sulfate Retain Room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Sulfate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Sulfate Retain Room, B-6

See Instructions for codes.

AEU000553

Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance PotassiumNitrate CAS No. 7758 - 09 - 0 DOT No. 1488 Substance No. (if available) 1575 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 70 , , , ,	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01 , 04 Location(s) Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Potassium Nitrate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Potassium Nitrate Retain Room, B-6
Substance Sodium CAS No. 7440 - 23 - 5 DOT No. 1428 Substance No. (if available) 1674 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Potassium Nitrate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Potassium Phosphate Retain Room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Potassium Phosphate Retain Room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite ____ (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Potassium Phosphate

See Instructions for codes.

IMPORTANT! Read all instructions before completing. Photocopy this sheet, if you need additional forms. Please print or type all responses. Complete sections A-F before making photocopies of this page.

Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Zinc CAS No. 7440 - 66 - 6 DOT No. 1436 Substance No. (if available) 2021 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 68 , , , , ,	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01 , 04 Location(s) In Tin Retain room B-6
Substance Antimony CAS No. 7440 - 36-0 DOT No. 1549 Substance No. (if available) 0141 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	, , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In tin, Retain Room B-6
Substance Uranyl Acetate CAS No. 541 - 09 - 3 DOT No. 9180 Substance No. (if available) 1975 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Urea Retain Room, B-6
Substance Zinc CAS No. 7440 - 66 - 6 DOT No. 1436 Substance No. (if available) 2021 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	68 , , , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) Retain room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Zinc, Retain Room B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 , 04 Location(s) In Zinc Retain Room B-6

See Instructions for codes.

AEU000555

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Sodium Carbonate Retain Room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Carbonate Retain Room, B-6
Substance Resorcinol CAS No. 108 - 46 - 3 DOT No. 2876 Substance No. (if available) 1634 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Thiosulfate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Sulfate Retain Room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Sulfate Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Sulfate Retain Room, B-6

See Instructions for codes.

AEU000556

TIERRA-D-026220

Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Potassium Sodium Tartrate, Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Sodium Tartrate, Retain Room, B-6
Substance Lead CAS No. 7437 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Pyposulfate Retain Room, B-6
Substance Potassium CAS No. 7440 - 09 - 7 DOT No. 2255 Substance No. (if available) 1555 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Carbonate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Carbonate Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Potassium Pyrosulfate Retain Room, B-6
Substance Arsenic CAS No. 7440 - 38 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Carbonate Retain Room, B-6

See Instructions for codes.

AEU000557

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Sodium Sulfate Retain Room, B-6
Substance Silver Nitrate CAS No. 7761 - 88 - 8 DOT No. 1993 Substance No. (if available) ___ Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Silver Nitrate B-6, Retain Room
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ___ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Silver Nitrate Retain room, B-6
Substance Sodium Dichromate CAS No. 10588 - 01 - 9 DOT No. 1479 Substance No. (if available) 1695 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Retain Room B-6.
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Dichromate Retain room, B-6
Substance Barium CAS No. 7440 - 39 - 3 DOT No. 1400 Substance No. (if available) 0180 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Bromide Retain Room, B-6

See Instructions for codes.

IMPORTANT! Read all instructions before completing. Photocopy this sheet, if you need addition[illegible]rms. Please print or type all responses. Complete sections A-F b[illegible]e making photocopies of this page.

Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

C. Location Address 697 Route 46

B. Facility Name Shulton, Inc.

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State 9 (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Sodium Bromide Retain room, B-6
Substance Bromate CAS No. - - DOT No. 1450 Substance No. (if available) 2180 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Bromide Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Acetate Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Acetate Retain Room, B-6
Substance Sodium Hydroxide CAS No. 1310 - 73 - 2 DOT No. 1823 Substance No. (if available) 1706 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Hydroxide Retain Room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Hydroxide Retain Room, B-6

See Instructions for codes.

AEU000559

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Nickle CAS No. 7440 - 02 - 0 DOT No. ____ Substance No. (if available) 1341 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ____, ____, ____, ____, ____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Sodium Hydroxide Retain Room, B-6
Substance Mercury CAS No. 7439 - 97 - 6 DOT No. 2025 Substance No. (if available) 1183 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Hydroxide Retain Room, B-6
Substance Potassium CAS No. 7440 - 09 - 7 DOT No. 2255 Substance No. (if available) 1555 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	____, ____, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Hydroxide Retain Room, B-6
Substance Sodium Arsenite CAS No. 7784 - 46 - 5 DOT No. 1686 Substance No. (if available) ____ Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Arsenite Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Citrate Retain Room, B-6
Substance Ammonia CAS No. 7664 - 41 - 7 DOT No. 1005 Substance No. (if available) 0084 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ____, ____, ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Citrate Retain Room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) __, __, __, __, __	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Sodium Citrate Retain Room, B-6
Substance Lead CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)	67, 66, __, __, __	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Dodecyl Sulfate Retain room, B-6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, __, __, __	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium DodrcylSulfate Retain room, B-6
Substance Sodium Cyanide CAS No. 143 - 33 - 9 DOT No. 1689 Substance No. (if available) 1693 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, __, __, __	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, __, __, __	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Cyanide Retain Room, B-6
Substance Sodium Nitrate CAS No. 7631 - 99 - 4 DOT No. 1498 Substance No. (if available) 1711 Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, __, __	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, __, __, __	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Nitrate Retain room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Nitrate CAS No. ___-___-___ DOT No. 2627 Substance No. (if available) 2587 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) ___, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Sodium Nitrate Retain Room, B-6
Substance Calcium CAS No. 7440-70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Nitrate Retain room, B-6
Substance Potassium CAS No. 7440-09-7 DOT No. 2255 Substance No. (if available) 1555 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Nitrate Retain room, B-6
Substance Sodium Methylate CAS No. 124-41-4 DOT No. 1289 Substance No. (if available) 1709 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Arsenic CAS No. 7440-38-2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Molybdate Retain Room, B-6
Substance Lead CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Molybdate Retain Room, B-6
Substance Ammonia CAS No. 7664-41-7 DOT No. 1005 Substance No. (if available) 0084 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Molybdate Retain room, B-6

See Instructions for codes.

AEU000562

TIERRA-D-026226

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Sodium Metabisulfite Retain Room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Metabisulfite Retain Room, B-6
Substance Sodium Nitrate CAS No. 7632 - 00 - 0 DOT No. 1500 Substance No. (if available) 2258 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Nitrate Retain Room, B-6
Substance Calcium CAS No. 7440 - 70 - 2 DOT No. 1401 Substance No. (if available) 0309 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Nitrate Retain Room, B-6
Substance Potassium CAS No. 7440 - 09 - 7 DOT No. 2255 Substance No. (if available) 1555 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Nitrate Retain Room, B-6
Substance Sodium Floride CAS No. 7681 - 49 - 4 DOT No. 9146 Substance No. (if available) 3038 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6

See Instructions for codes.

AEU000563

Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance LEAD CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Sodium Pyrophosphate Retain Room, B-6
Substance Nitrogen CAS No. 7727 - 37 - 9 DOT No. 1066 Substance No. (if available) 1375 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Prophosphate Retain Room, B-6
Substance Arsenic CAS No. 7440 - 38 - 2 DOT No. 1557 Substance No. (if available) 0152 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Pyrophosphate Retain Room, B-6
Substance Sodium Peroxide CAS No. 1313 - 60 - 6 DOT No. 1504 Substance No. (if available) 1718 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	70, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Tartrate Retain Room, B-6
Substance Stannous Chloride CAS No. 7772 - 99 - 8 DOT No. 1759 Substance No. (if available) 1733 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	68, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Stannous Chloride Retain Room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Lead CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) In Sodium Retain Room, B-6
Substance Potassium CAS No. 7440-09-7 DOT No. ___ Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Floride Retain Room, B-6
Substance Lead CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium oxalate Retain Room B-6
Substance Potassium CAS No. 7440-09-7 DOT No. 2555 Substance No. (if available) 1555 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Oxalate Retain Room, B-6
Substance Lead CAS No. 7439-92-1 DOT No. 1096 Substance No. (if available) Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Bicarbonate Retain Room, B-6
Substance Potassium CAS No. 7440-09-7 DOT No. 2255 Substance No. (if available) 1555 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Bicarbonate Retain Room, B-6
Substance Calcium CAS No. 7440-70-2 DOT No. 1401 Substance No. (if available) 0309 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Bicarbonate Retain Room, B-6

See Instructions for codes.

AEU000565

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Stannic Chloride CAS No. 7646 - 78 - 8 DOT No. 1827 Substance No. (if available) 1859 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 66, ___, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Manganese CAS No. 7439 - 96 - 5 DOT No. ___ Substance No. (if available) 1155 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sodium Periodate Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, 67, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Sucrose Retain Room, B-6
Substance Thioacetamide CAS No. 62 - 5 - 5 DOT No. ___ Substance No. (if available) 1844 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Tin CAS No. 7440 - 31 - 5 DOT No. ___ Substance No. (if available) 1858 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Retain Room, B-6
Substance Lead CAS No. 7439 - 92 - 1 DOT No. 1096 Substance No. (if available) ___ Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Tin, Retain room, B-6
Substance Copper CAS No. 7440 - 50 - 8 DOT No. ___ Substance No. (if available) 0528 Percent 51 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) In Tin Retain Room, B-6

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Ethanol-17-5 CAS No. 64 -17 -5 DOT No. 1170 Substance No. (if available) 0844 Percent 55 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 70 , 67 , , , , ,	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 , 04 Location(s) Boiler House Nalco SO127 56%
Substance Barium Chloride CAS No. 10361 -37 -2 DOT No. NA Substance No. (if available) NA Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , , , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Boiler House Nalco SO209 100%
Substance Ethanol Denatured CAS No. 64 - 17-5 DOT No. 1170 Substance No. (if available) 0844 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70 , 67 , , , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Boiler House Nalco SO 222 95%
Substance Potassium chromate CAS No. 7789 -00 -6 DOT No. 9142 Substance No. (if available) 1561 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 150 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Boiler House Nalco SO224 10%
Substance Ethanol denatured CAS No. 64 -17 -5 DOT No. 1170 Substance No. (if available) 0844 Percent 55 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70 , 67 , , , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Boiler House Nalco SO234 50%
Substance Monoethanolamine CAS No. 141 - 43-5 DOT No. 2491 Substance No. (if available) 0835 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70 , 67 , , , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Boiler House Nalco SO275 10-20%
Substance Sulfamic Acid CAS No. 5329 -14 -6 DOT No. 2967 Substance No. (if available) 1770 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , , , , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Boiler House Nalco SO613 100%

See Instructions for codes.

AEU000567

Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

B. Facility Name Shulton, Inc.

C. Location Address 697 Route 46

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Ethyl Alcohol CAS No. 64 -17 - 5 DOT No. 1170 Substance No. (if available) 0844 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, 67, 68, 70,	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) Building 7, Pilot Plant SDA 40-2, 200 proof - 100%
Substance Ethyl Alcohol CAS No. 64 -17 - 5 DOT No. 1170 Substance No. (if available) 0844 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) Building 7, Pilot Plant SDA 39-c, 190 proof - 941
Substance Ethyl Alcohol CAS No. 64 -17 - 5 DOT No. 1170 Substance No. (if available) 0844 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) Building 7, Pilot Plant SDA 40-2, 190 proof - 94.9%
Substance Benzoic Acid CAS No. 68 -85 - 0 DOT No. 9094 Substance No. (if available) 0209 Percent 60 (Code) State 5 (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43,38 Conditions 01, 04 Location(s) Build 7, Pilot Plant
Substance Pine Oil CAS No. 8002 -09 - 3 DOT No. 1272 Substance No. (if available) 2684 Percent 58 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) Building 7, Pilot Plant
Substance Ethyl Alcohol CAS No. 64 -17 - 5 DOT No. 1170 Substance No. (if available) 0844 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 32 Conditions 01, 04 Location(s) Building 7, Pilot Plant Bardac 2050-10%
Substance Ethylene Diamine Xetraacctic Acid CAS No. 60 -00 - 4 DOT No. 9117 Substance No. (if available) 0876 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Building 7, Pilot Plants

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1989

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

C. Location Address 697 Route 46

B. Facility Name Shulton, Inc.

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Formaldehyde CAS No. 50 - 00 - 0 DOT No. 1198 Substance No. (if available) 0946 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, , , , ,	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) Building 7, Pilot Plant
Substance Methyl Alcohol CAS No. 67 - 56 - 1 DOT No. 1230 Substance No. (if available) 1222 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Building 7, Pilot Plant Formaldehyde Solution - 10%
Substance Sodium Metabisulfite CAS No. 7681 - 57 - 4 DOT No. 2693 Substance No. (if available) 1708 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, 67, 70, , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43 Conditions 01, 04 Location(s) Building 7, Pilot Plant
Substance Alcohol CAS No. - - DOT No. 1987 Substance No. (if available) 2079 Percent 61 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43 Conditions 01, 04 Location(s) Building 7, Pilot Plant Betyl Alcohol
Substance Alcohol CAS No. - - DOT No. 1987 Substance No. (if available) 2079 Percent 61 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 42 Conditions 01, 04 Location(s) Building 7, Pilot Plant Stearyl Alcohol
Substance Acetone CAS No. - - DOT No. Substance No. (if available) 0006 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01, 04 Location(s) Building 7, Pilot Plant
Substance Nitric Acid CAS No. 1712 - 64 - 7 DOT No. 1222 Substance No. (if available) 1086 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Building 7, Pilot Plant

See Instructions for codes.

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Reporting Period: January 1 - December 31, **1989**

FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

C. Location Address 697 Route 46

B. Facility Name Shulton Inc.

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Sodium Hydroxide CAS No. 1310 -73 -2 DOT No. 1823 Substance No. (if available) Percent 52 (Code) State 5 (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 68, ___, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01, 04 Location(s) Building 7, Pilot Plant Xetrasodium EDTA, dihycloate 8%
Substance Petroleum Distillate CAS No. 8002 -05 -9 DOT No. 1268 Substance No. (if available) 2648 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) Building 7, Pilot Plant
Substance Alcohol CAS No. - - DOT No. 1987 Substance No. (if available) 2079 Percent 61 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) Building 7, Pilot Plant Alcohol Etheoxylate (C_{11}-C_9) Alcohol
Substance Alcohol CAS No. - - DOT No. 1987 Substance No. (if available) 2079 Percent 61 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Building 7, Pilot Plant Ethoxylated Alcohol
Substance Alcohol CAS No. - - DOT No. 1987 Substance No. (if available) Percent 57 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Building 7, Pilot Plant Alcohol Ethoxyoulfate Salt
Substance Alcohol CAS No. - - DOT No. 1987 Substance No. (if available) 2079 Percent 57 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Building 7, Pilot Plant Heavy even Alcohol
Substance Isopropyl Alcohol CAS No. 67 -63 -0 DOT No. ___ Substance No. (if available) 1076 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Building 7, Pilot Plant Isopropyl Alcohol - 91%

See Instructions for codes.

AEU000570

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FACILITY IDENTIFICATION AND SITE LOCATION

A. NJEIN 01835100000-2844-16

C. Location Address 697 Route 46

B. Facility Name Shulton, Inc.

D. City Clifton E. State NJ F. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Codes for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Activated barbov CAS No. 7440 - 44 - 0 DOT No. 1362 Substance No. (if available) 2066 Percent (Code) 60 State (Code) S Trade Secret ☐ (Check if claiming)	66, 67, 68, 70,	Max. Daily 12 Avg. Daily 12 Days Onsite (Actual Number) 365	Container 43 Conditions 01, 04 Location(s) Building 7, Pilot Plant
Substance Titanium Dioxide CAS No. 13463 - 67 - 7 DOT No. Substance No. (if available) 1861 Percent (Code) 60 State (Code) S Trade Secret ☐ (Check if claiming)	66, 67,	Max. Daily 10 Avg. Daily 10 Days Onsite (Actual Number) 365	Container 39 Conditions 01, 04 Location(s) Building 7, Pilot Plant
Substance Nitric Acetic Acid CAS No. 139 - 13 - 9 DOT No. Substance No. (if available) 1358 Percent (Code) 51 State (Code) S Trade Secret ☐ (Check if claiming)	66, 67, 70,	Max. Daily 09 Avg. Daily 09 Days Onsite (Actual Number) 365	Container 38 Conditions 01, 04 Location(s) Building 7, Pilot Plant EDTA Tetrasodium - 0.2%
Substance CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)	, , ,	Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions , Location(s)
Substance CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)	, , ,	Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions , Location(s)
Substance CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)	, , ,	Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions , Location(s)
Substance CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)	, , ,	Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions , Location(s)

See Instructions for codes.

AEU000571

TIERRA-D-026235

DEQ-094
1/88

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMUNITY RIGHT TO KNOW SURVEY

to satisfy requirements under SARA, Title III, Section 312 and New Jersey Community Right to Know

NJEIN | SIC | COUNTY/ MUNICIPALITY

0 1835100000-2844-16--02-06/09/88
SHULTON INC
697 ROUTE 46
PO BOX 1809
CLIFTON NJ

07015

MU: CLIFTON CITY

Indicate changes to mailing address on label

IMPORTANT: A separate survey must be completed for each facility.

(A) FACILITY LOCATION
If the facility location is different than the mailing address on the label, enter facility address below.

American Cyanamid Company
Shulton Research Div.
697 Route 46 Clifton, N.J. 07015

Check here if you would like your survey mailed to above address ☐

(B) Is any substance or material covered by the OSHA Hazard Communications Standard present at this facility?
☒ Yes ☐ No

(C) Number of employees at facility: 1400

(D) Briefly describe the nature of the operations or business conducted at this facility: Manufacturing of toiletry products and plastic packaging components. Executive offices and Research & Development

(E) Number of facilities in New Jersey: one

(F) Dun and Bradstreet No.
1 4 9 7 8 4 6 0 5

(G) CERTIFICATION OF OWNER/OPERATOR OR AUTHORIZED REPRESENTATIVE — I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Signature Alan R. Verduin Date 7/29/88 Phone Number (201) 340-6142

Name (Print) Alan R. Verduin Title Plant Manager

(H) POLICE AND FIRE DEPARTMENT

Enter the respective phone numbers, names and addresses (including Zip Code) of your local fire and police departments in the spaces below.

POLICE DEPT. Phone Number (201) 470-5900
Name Chief Edward J. Kredatus
Address 900 Clifton Ave.
Municipality Clifton, N.J. Zip Code 07015

FIRE DEPT. Phone Number (201) 470-5801
Name Chief DeGroot
Address Fire Headquarters 900 Clifton Ave.
Municipality Clifton, N.J. Zip Code 07015

(I) EMERGENCY CONTACT
Name Peter J. Bundock P.E. Title Plant Engineer
Facility Phone Number (201) 340-5552 Emergency Contact Phone Number (201) 666-0649

NOTE: Make copies of both sides of this survey! The law requires that you send a copy to your County Lead Agency *(see list in instructions)*, Local Emergency Planning Committee and your local fire and police departments.

Return original to:
NJDEP — RTK SURVEY
CN 405
Trenton, N.J. 08625-0405

IMPO..ANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

Reporting Period: January 1 - December 31, 1987

AEU000573

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Facility Name Shulton Inc.

Street Address 697 Route 46

City Clifton, State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Nickel CAS No. 7440-02-0 DOT No. Substance No. (if available) 1341 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 68	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenanc (constituent in piping)
Substance Name Chromium CAS No. 7440-47-3 DOT No. Substance No. (if available) 0432 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440-50-8 DOT No. Substance No. (if available) 0528 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Lead CAS No. 7439-92-1 DOT No. Substance No. (if available) 1096 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440-50-8 DOT No. Substance No. (if available) 0528 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Chromium CAS No. 7440-47-3 DOT No. Substance No. (if available) Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 Maintenance (constituent in piping)
Substance Name Nickel CAS No. 7440-02-0 DOT No. Substance No. (if available) 1341 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)

See instruction Booklet for codes.

IMPORTANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

Reporting Period: January 1 - December 31, 19

AEU000574

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Street Address 697 Route 46

Facility Name Shulton Inc.

City Clifton, State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Lead CAS No. 7439 - 47 - 3 DOT No. Substance No. (if available) 1096 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 68 , , , ,	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440 - 50 - 8 DOT No. Substance No. (if available) 0528 Percent 56 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Lead CAS No. 7439 - 47 - 3 DOT No. Substance No. (if available) 1096 Percent 53 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440 - 50 - 8 DOT No. Substance No. (if available) 0528 Percent 58 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (Constituent in piping)
Substance Name Nickel CAS No. 7440 - 02 - 0 DOT No. Substance No. (if available) 1341 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Lead CAS No. 7439 - 47 - 3 DOT No. Substance No. (if available) 1096 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Lead CAS No. 7439 - 47 - 3 DOT No. Substance No. (if available) Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Maintenance (constituent in piping)

See Instruction Booklet for codes.

IMPORTANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

Reporting Period: January 1 - December 31, 1987

AEU0000575

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Street Address 697 Route 46

Facility Name Shulton Inc.

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name Chromium CAS No. 7440 - 47 - 3 DOT No. Substance No. (if available) 0432 Percent 53 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenar (constituent in piping)
Substance Name Nickel CAS No. 7740 - 02 - 0 DOT No. Substance No. (if available) 1341 Percent 54 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440 - 50 - 9 DOT No. Substance No. (if available) Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440 - 50 - 8 DOT No. Substance No. (if available) 0528 Percent 60 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Antimony CAS No. 7440 - 36 - 0 DOT No. Substance No. (if available) 0141 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Lead CAS No. 7439 - 92 - 1 DOT No. Substance No. (if available) 1096 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Formalde Hyde CAS No. 50 - 00 - 0 DOT No. Substance No. (if available) 0946 Percent 51 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 70,	Max. Daily 11 Avg. Daily 10 Days Onsite 45 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 1 - Maintenance

See Instruction Booklet for codes.

IMPORTANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

AEU000576

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Street Address 697 Route 46

Facility Name Shulton Inc.

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Chromium CAS No. 7440 - 47 - 3 DOT No. Substance No. (if available) 0432 Percent 53 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 68 , , , ,	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Nickel CAS No. 7440 - 02 - 0 DOT No. Substance No. (if available) 1341 Percent 53 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440 - 50 - 8 DOT No. Substance No. (if available) 0528 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Chromium CAS No. 7440 - 47 - 3 DOT No. Substance No. (if available) 0432 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Copper CAS No. 7440 - 50 - 8 DOT No. Substance No. (if available) 0528 Percent 52 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name Nickel CAS No. 7440 - 02 - 0 DOT No. Substance No. (if available) 1341 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 34 Conditions 01 04 Location(s) Bldg. 1 - Maintenance (constituent in piping)
Substance Name 1,1,1, Trichloroethane CAS No. 71 - 55 - 6 DOT No. Substance No. (if available) 1890 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67 , , , ,	Max. Daily 12 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 15 Truck Shop

See Instruction Booklet for codes.

IM. RTANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

AEU0005

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Street Address 697 Route 46

Facility Name Shulton Inc.

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name 1,1,1, Trichloroethane CAS No. 71 - 55 - 6 DOT No. Substance No. (if available) 1890 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	69, 67, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 90 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 9A Plastics
Substance Name 1,4, Dioxane CAS No. 123 - 91 1 DOT No. Substance No. (if available) 0789 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 90 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 9A Plastics
Substance Name 1,1,1, Trichloroethane CAS No. 71 - 55 - 6 DOT No. Substance No. (if available) 1890 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, , , ,	Max. Daily 12 Avg. Daily 10 Days Onsite 45 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg. 9A Plastics
Substance Name 1,1,1, Trichloroethane CAS No. 71 - 55 - 6 DOT No. Substance No. (if available) 1890 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, , , ,	Max. Daily 11 Avg. Daily 10 Days Onsite 60 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg. 9A Plastics
Substance Name Toluene CAS No. 108 - 88 - 3 DOT No. Substance No. (if available) 1866 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	68, 67, 70, , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 38 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 9A Plastic
Substance Name Diethyl Phthalate CAS No. 84 - 66 - 2 DOT No. Substance No. (if available) 0707 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, , , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 50 Conditions 01 04 Location(s) Bldg. 11 Processing
Substance Name Benzene CAS No. 71 - 43 - 2 DOT No. Substance No. (if available) 0197 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, , , , ,	Max. Daily 10 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 42 Conditions 01 04 Location(s) Bldg. 11 Processing

See Instruction Booklet for codes.

IMPO...ANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

AEU0000578

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Facility Name Shulton Inc.

Street Address 697 Route 46

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Acrylic Acid CAS No. 79 - 10 - 7 DOT No. Substance No. (if available) 0023 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 66 , , , ,	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 42 Conditions 01 04 Location(s) Bldg. 11 - Processing
Substance Name Formaldehyde CAS No. 50 - 00 - 0 DOT No. Substance No. (if available) 0946 Percent 51 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66 , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 180 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 11 - Processing
Substance Name Formaldehyde CAS No. 50 - 00 - 0 DOT No. Substance No. (if available) 0946 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66 , , , ,	Max. Daily 10 Avg. Daily 09 Days Onsite 180 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 11 - Processing
Substance Name Sodium Bisulfate CAS No. 7681 - 38 - 1 DOT No. Substance No. (if available) 1685 Percent 60 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 5 - Boiler Rm.
Substance Name Potassium Permanganate CAS No. 7722 - 64 - DOT No. Substance No. (if available) 1578 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Ethanol CAS No. 64 - 17 - 5 DOT No. Substance No. (if available) 0834 Percent 55 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	68, 70, , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Barium Chloride CAS No. 10361 - 37 - 2 DOT No. Substance No. (if available) 0182 Percent 60 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 5 Boiler Room

See ...istruction Booklet for codes.

IMPO ANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

AEU000579

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Facility Name Shulton Inc.

Street Address 697 Route 46

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Ethanol CAS No. 64 - 17- 5 DOT No. Substance No. (if available) 0834 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 68 , 70 , , , , ,	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Ethanol CAS No. 64 - 17- 5 DOT No. Substance No. (if available) 0834 Percent 55 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	68 , 70 , , , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Monoethanolamine CAS No. 141 - 43- 5 DOT No. Substance No. (if available) Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67 , 68 , , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Diethylaminoethanol CAS No. 100 - 37- 8 DOT No UN1992 Substance No. (if available) Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67 , 66 , 70 , 68 , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Sulfamic Acid CAS No. 5329 - 14- 6 DOT No. Substance No. (if available) Percent State Trade Secret ☐ (Code) (Code) (Check if Claiming)	67 , 68 , , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Monoethanolamine CAS No. 141 - 43- 5 DOT No. Substance No. (if available) Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67 , 68 , , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Sodium Hydroxide CAS No. 1310 - 73- 2 DOT No. Substance No. (if available) 1706 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67 , 68 , , , , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 5 Boiler Room

See ...struction Booklet for codes.

IMPORTANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

Reporting Period: January 1 - December 31, 1987

AEU000580

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Facility Name Shulton Inc.

Street Address 697 Route 46

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Sodium Nitrite CAS No. 7632 - 00- 0 DOT No. Substance No. (if available) 1711 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 67, 68, ___, ___, ___	(Enter Code) Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Sodium Hydroxide CAS No. 1310 - 73- 2 DOT No. Substance No. (if available) 1706 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Potassium Hydroxide CAS No. 1310 - 58- 3 DOT No. Substance No. (if available) 1571 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Petroleum Hydrocarbon CAS No. 68476 - 30- 2 DOT No. UN 1992 Substance No. (if available) Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 17 Avg. Daily 17 Days Onsite 365 (Actual Number)	Container 49 Conditions 01 04 Location(s) Bldg. 5 Boiler Room
Substance Name Acetylene CAS No. 74 - 86- 2 DOT No UN1992 Substance No. (if available) 0015 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 69, 70	Max. Daily 11 Avg. Daily 11 Days Onsite 300 (Actual Number)	Container 40 Conditions 02 04 Location(s) Bldg. 1 Maintenance
Substance Name Argon CAS No. 7440 - 37- 1 DOT No. Substance No. (if available) 0151 Percent 53 State G Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 300 (Actual Number)	Container 40 Conditions 02 04 Location(s) Bldg. 1 Maintenance
Substance Name carbon Dioxide CAS No. 124 - 38- 9 DOT No. Substance No. (if available) 0343 Percent 60 State G Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 300 (Actual Number)	Container 40 Conditions 02 04 Location(s) Bldg. 1 Maintenance

See Instruction Booklet for codes.

IMPC ANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

AEU0005?

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Facility Name Shulton Inc.

Street Address 697 Route 46

City Clifton State N.J Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Naptha CAS No. 64742 - 95- 6 DOT No. UN 1992 Substance No. (if available) 1322 Percent 58 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 67, 68, 70, ___, ___	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 50 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 32 Conditions 01 04 Location(s) Bldg. 1 Maintenance
Substance Name Nitrogen CAS No. 7727 - 37- 9 DOT No. ___ Substance No. (if available) 1375 Percent 60 State G Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 300 (Actual Number)	Container 40 Conditions 02 04 Location(s) Bldg. 1 Maintenance
Substance Name Isopropyl Alcohol CAS No. 67 - 63- 0 DOT No. ___ Substance No. (if available) 1076 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 37 Conditions 02 04 Location(s) Bldg. 1 Maintenance (aersol can)
Substance Name Sulfuric Acid CAS No. 7664 - 93- 9 DOT No. ___ Substance No. (if available) 1761 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 100 (Actual Number)	Container 32 Conditions 01 04 Location(s) Bldg. 1 Maintenance
Substance Name Monoethanolamine CAS No. 141 - 43- 5 DOT No. ___ Substance No. (if available) ___ Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 150 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 1 Maintenance
Substance Name Methylene Chloride CAS No. 75 - 09- 2 DOT No. UN 1992 Substance No. (if available) 1255 Percent 52 State G Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 100 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 1 Maintenance
Substance Name Sulfuric Acid CAS No. 7664 - 93- 9 DOT No. ___ Substance No. (if available) 1761 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 150 (Actual Number)	Container 32 Conditions 01 04 Location(s) Bldg. 1 Maintenance

See ..struction Booklet for codes.

IMPORTANT! Read all instructions before completing.
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Reporting Period: January 1 - December 31, 1987

AEU000582

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Facility Name Shulton Inc.

Street Address 697 Route 46

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
	(Enter for all that apply.)	(Enter Code)	(Enter Codes, except Location(s); supply narrative.)
Substance Name Carbon Dioxide CAS No. 124 - 38 - 9 DOT No. Substance No. (if available) 0343 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, , , ,	Max. Daily 11 Avg. Daily 10 Days Onsite 45 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg. 9A Plastics
Substance Name Methylene Chloride CAS No. 75 - 09 - 2 DOT No. Substance No. (if available) 1255 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67 68 70, , , ,	Max. Daily 11 Avg. Daily 10 Days Onsite 60 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg. 9A Plastics
Substance Name Sodium Hydroxide CAS No. 1310 - 73 - 2 DOT No. Substance No. (if available) 1706 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, , , , ,	Max. Daily 11 Avg. Daily 10 Days Onsite 60 (Actual Number)	Container 46 Conditions 02 04 Location(s) Bldg. 9A Maintenance
Substance Name Potassium Hydroxide CAS No. 131 - 05 - 83 DOT No. Substance No. (if available) 1571 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, , , , ,	Max. Daily 11 Avg. Daily 10 Days Onsite (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 9A Plastics
Substance Name Vinyl Acetate CAS No. 108 - 05 - 4 DOT No UN 1992 Substance No. (if available) 1998 Percent 51 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 68, 70, , , ,	Max. Daily 11 Avg. Daily 10 Days Onsite 7 (Actual Number)	Container 43 Conditions 01 04 Location(s) Bldg. 9A Plastics
Substance Name Methanol CAS No. 67 - 50 - 1 DOT No UN 1992 Substance No. (if available) 1222 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70, ,	Max. Daily 12 Avg. Daily 10 Days Onsite 150 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg.9A Plastics
Substance Name Napthene CAS No. 803 - 03 - 06 DOT No. UN 1992 Substance No. (if available) 1322 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68 70, , , ,	Max. Daily 12 Avg. Daily 11 Days Onsite 130 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 9A Plastics

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AEU000583

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Street Address 697 Route 46

Facility Name Shulton Inc.

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Diethyl Phthalate CAS No. 84 - 66 - 2 DOT No. UN 1992 Substance No. (if available) 0707 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 66, 67, 68, 70, ___	(Enter Code) Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 50 Conditions 01 04 Location(s) Bldg. 11 Processing
Substance Name Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70, ___	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 50 Conditions 01 04 Location(s) Bldg. 11 Processing
Substance Name Formaldehyde CAS No. 50 - 00 - 0 DOT No. ___ Substance No. (if available) 0946 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 180 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 11 Processing
Substance Name Methanol CAS No. 67 - 56 1 DOT No. UN 1992 Substance No. (if available) 1222 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 180 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 11 Processing
Substance Name Triethanolamine CAS No. 00102-71 - 6 DOT No. ___ Substance No. (if available) 1905 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 11 Processing
Substance Name Triethanolamine CAS No. 00102 - 71 - 6 DOT No. ___ Substance No. (if available) 1905 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 11 Processing
Substance Name Diethanolamine CAS No. 111 - 42 - 2 DOT No. ___ Substance No. (if available) 0686 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 11 Processing

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AEU000584

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Street Address 697 Route 46

Facility Name Shulton

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Ethyl Alcohol CAS No. 64 - 17 5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 66, 67, 68, 70,	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 04 Location(s) Bldg. 11 Processing
Substance Name Methanol CAS No. 67 - 56- 1 DOT No. UN 1992 Substance No. (if available) 1222 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66 67 68 70	Max. Daily 11 Avg. Daily 11 Days Onsite 180 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 11 Filling
Substance Name Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 50 Conditions 01 04 Location(s) Bldg. 9 Processing
Substance Name Brucine Sulfate CAS No. 4845 - 99 2 DOT No. UN 1992 Substance No. (if available) 0270 Percent 51 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 50 Conditions 01 04 Location(s) Bldg. 9 Processing
Substance Name Methanol CAS No. 67 - 56- 1 DOT No. UN 1992 Substance No. (if available) 1222 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) Bldg. 9 Filling
Substance Name Methanol CAS No. 67 - 56- 1 DOT No. UN 1992 Substance No. (if available) 1222 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 11 Avg. Daily 10 Days Onsite (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 9 Filling
Substance Name Diethyl Phthalate CAS No. 84 - 66- 2 DOT No. UN 1992 Substance No. (if available) 0707 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 50 Conditions 01 04 Location(s) Bldg. 9 Processing

See struction Booklet for codes.

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AEU000585

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Facility Name Shulton

Street Address 697 Route 46

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
	(Enter for all that apply.)	*(Enter Code)*	*(Enter Codes, except Location(s); supply narrative.)*
Substance Name Methyl Ethyl Ketone CAS No. 78 - 93 - 3 DOT No. UN 1992 Substance No. (if available) 1258 Percent 54 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, 68, 70, ___, ___	Max. Daily 11 Avg. Daily 10 Days Onsite 365 *(Actual Number)*	Container 38 Conditions 01 04 Location(s) Bldg. 9 Filling
Substance Name Acetic Anhydride CAS No. 108 - 24 - 7 DOT No. UN 1715 Substance No. (if available) 0005 Percent 60 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, 68, 70, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 *(Actual Number)*	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Acetone CAS No. 67 - 64 - 1 DOT No. UN 1090 Substance No. (if available) 0006 Percent 60 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, 68, 70, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 *(Actual Number)*	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 59 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	66, 67, 68, 70, ___	Max. Daily 12 Avg. Daily 11 Days Onsite 365 *(Actual Number)*	Container 46 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Diethyl Phthalate CAS No. 84 - 66 - 2 DOT No. UN 1992 Substance No. (if available) 0707 Percent 52 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	66, 67, 68, 70, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 *(Actual Number)*	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Sodium Hydroxide CAS No. 1310 - 73 - 2 DOT No. ___ Substance No. (if available) 1706 Percent 59 State S Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 *(Actual Number)*	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. ___ Substance No. (if available) ___ Percent 55 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	66, 67, 68, 70, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 *(Actual Number)*	Container 46 Conditions 01 04 Location(s) Bldg. 6 QA

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AEU000586

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Facility Name Shulton Inc.

Street Address 697 Route 46

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 66, 67, 68, 70,	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Ether CAS No. 60 - 29 - 7 DOT No. UN 1992 Substance No. (if available) Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68 70,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 9 QA
Substance Name Iodine Monochloride CAS No. 7790 - 99 - 0 DOT No. UN 1992 Substance No. (if available) 1027 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, 70,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Methanol CAS No. 67 - 56 - 1 DOT No. UN 1992 Substance No. (if available) 1222 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 11 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38, 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Boron Trifluoride CAS No. 7637 - 07 - 02 DOT No. UN 1992 Substance No. (if available) 0246 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA

See Instruction Booklet for codes.

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AEU000587

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Facility Name Shulton

Street Address 697 Route 46

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
	(Enter for all that apply.)	(Enter Code)	(Enter Codes, except Location(s); supply narrative.)
Substance Name Methanol CAS No 67 - 56-1 DOT No UN 1992 Substance No. (if available) 1222 Percent 58 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Methylene Chloride CAS No. 75 - 09 - 2 DOT No. UN 1992 Substance No. (if available) 1255 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Nitric Acid CAS No. 7697 - 37 - 2 DOT No. UN 1992 Substance No. (if available) 1356 Percent 57 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67 68 70	Max. Daily 11 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Petroleum Ether CAS No. 8032 - 32 - 4 DOT No. Substance No. (if available) Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, 70	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Potassium Hydroxide CAS No. 1310 - 58 - 3 DOT No. Substance No. (if available) Percent 60 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38,39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Propanol CAS No. 71 - 23 8 DOT No. Substance No. (if available) 1594 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67,68, 70,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Sodium Hydroxide CAS No. 1310 - 73 - 2 DOT No. Substance No. (if available) 1706 Percent 55 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68,	Max. Daily 09 Avg. Daily 09 Days Onsite 100 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 6 QA

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Reporting Period: January 1 - December 31, 1987

AEU000588

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2844-16

Street Address 697 Route 46

Facility Name Shulton Inc.

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Triethanolamine CAS No. 102 - 71 - 6 DOT No. UN 1992 Substance No. (if available) 1905 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) ~~66, 67, 70,~~ __, __	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01 04 Location(s) Bldg. 6 QA
Substance Name Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70, __	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Tert-Butyl Alcohol CAS No. 75 - 65 - 0 DOT No. UN 1992 Substance No. (if available) 1787 Percent 51 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70, __	Max. Daily 12 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70, __	Max. Daily 12 Avg. Daily 11 Days Onsite __ (Actual Number)	Container 47 Conditions 01 04 Location(s) ~~Bldg. 7 Pilot Plant~~
Substance Name Diethyl Phthalate CAS No. 84 - 66 - 2 DOT No. UN 1992 Substance No. (if available) 0707 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68 70, __	Max. Daily 12 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Ethyleneglycol Mono-Butyl Ether CAS No. 111 - 76 - 2 DOT No. UN 1992 Substance No. (if available) __ Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 68, 70, __	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Magnesium Nitrate CAS No. 1037 - 76 - 03 DOT No. UN 1992 Substance No. (if available) 1143 Percent 53 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, __, __, __	Max. Daily 09 Avg. Daily 09 Days Onsite 75 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant

See Instruction Booklet for codes.

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AEU000058

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2488-16

Facility Name Shulton Inc.

Street Address 697 Route 46

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Ethyl Alcohol CAS No. 64 - 17-5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 66, 67, 68, 70, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 90 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 32 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Formaldehyde CAS No. 50 - 00- 0 DOT No. ___ Substance No. (if available) 0946 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Formaldehyde CAS No. 50 - 00-0 DOT No. ___ Substance No. (if available) 0946 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Triethanolamine CAS No. 102 - 71- 6 DOT No UN 1992 Substance No. (if available) 1905 Percent 58 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 70, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Isobutane CAS No. 75 - 28- 5 DOT No. ___ Substance No. (if available) 1040 Percent 58 State G Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, 70, ___, ___	Max. Daily 12 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 40 Conditions 02 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Propane CAS No. 74 - 98- 6 DOT No. ___ Substance No. (if available) 1594 Percent 53 State G Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 40 Conditions 02 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Isobutane CAS No. 75 - 28- 5 DOT No. ___ Substance No. (if available) 1040 Percent 58 State G Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, 70, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 40 Conditions 02 04 Location(s) Bldg. 7 Pilot Plant

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AEU000590

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2488-16

Street Address 697 Route 46

Facility Name Shulton Inc.

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name Propane CAS No. 74 - 98 - 6 DOT No. ____ Substance No. (if available) 1594 Percent 53 (Code) State G (Code) Trade Secret ☐ (Check if Claiming)	67, 68, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 40 Conditions 02 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Isopropyl Alcohol CAS No. 67 - 63 - 0 DOT No. UN 1992 Substance No. (if available) 1076 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	67, 68, 70, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Diethanolamine CAS No. 111 - 42 - 2 DOT No. UN 1992 Substance No. (if available) 0686 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	66, 67, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 90 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Petroleum Wax CAS No. 68476 - 30 - 2 DOT No. ____ Substance No. (if available) ____ Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if Claiming)	70, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 90 (Actual Number)	Container 41 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. UN 1992 Substance No. (if available) 0834 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	66, 67, 68, 70, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 32, 47 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Terpene Alcohol CAS No. ____ - ____ - ____ DOT No. UN 1992 Substance No. (if available) ____ Percent 58 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite ____ (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Isopropyl Alcohol CAS No. 67 - 63 - 0 DOT No. UN 1992 Substance No. (if available) 1076 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if Claiming)	___, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant

See Instruction Booklet for codes.

IMPO. NT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

AEU000591

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2488-16

Street Address 697 Route 46

Facility Name Shulton Inc.

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name Sodium Hydroxide CAS No. 1310-73-2 DOT No. UN 1992 Substance No. (if available) 1706 Percent 52 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 68, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38, 42 Conditions 01 04 Location(s) Bldg. 7 Pilot Plant
Substance Name Aldehyde C-14 CAS No. 000104-67-6 DOT No. UN 1992 Substance No. (if available) ___ Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67 70 ___, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding
Substance Name Aldehyde C-8 CAS No. 000124-13-0 DOT No. UN 1992 Substance No. (if available) ___ Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding
Substance Name Aldehyde C-7 CAS No. 000111-71-1 DOT No. UN 1992 Substance No. (if available) ___ Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding
Substance Name Alcohol C-8 CAS No. 000111-87-5 DOT No. UN 1992 Substance No. (if available) ___ Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding
Substance Name Alcohol C-7 CAS No. 000111-70-6 DOT No. UN 1992 Substance No. (if available) ___ Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding
Substance Name Alcohol C-9 CAS No. 000143-08-8 DOT No. UN 1992 Substance No. (if available) ___ Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 39 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding

See Instruction Booklet for codes.

IMPO. ANT! Read all instructions before completing.
Photocopy this sheet, if you need additional forms.
Please print or type all responses.

AEU000597

Reporting Period: January 1 - December 31, 1987

FACILITY IDENTIFICATION AND SITE LOCATION

NJEIN 01835100000-2488-16

Facility Name Shulton Inc.

Street Address 697 Route 46

City Clifton State N.J. Zip 07015

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
	(Enter for all that apply.)	*(Enter Code)*	*(Enter Codes, except Location(s); supply narrative.)*
Substance Name Alcohol C-10 CAS No. 000112-30-1 DOT No. UN 1992 Substance No. (if available) Percent 60 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, 70, , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 *(Actual Number)*	Container 39 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding
Substance Name Alcohol C-11 CAS No. 000112-43-6 DOT No. UN 1992 Substance No. (if available) Percent 60 State Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	67, 70, , , ,	Max. Daily 10 Avg. Daily 10 Days Onsite 365 *(Actual Number)*	Container 39 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding
Substance Name Diethyl Phthalate CAS No. 84-66-2 DOT No. UN 1992 Substance No. (if available) Percent 60 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	66, 67, 68, 70, ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 *(Actual Number)*	Container 47 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding
Substance Name Methanol CAS No. 67-56-1 DOT No. UN 1992 Substance No. (if available) 1222 Percent 59 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	66, 67, 68, , , 70,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 *(Actual Number)*	Container 47 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding
Substance Name Methanol CAS No. 67-56-1 DOT No. Substance No. (if available) 1222 Percent 60 State L Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	66, 67, 68, 70, ,	Max. Daily 12 Avg. Daily 12 Days Onsite 365 *(Actual Number)*	Container 47 Conditions 01 04 Location(s) Bldg. 4 Perfume Compounding
Substance Name CAS No. - - DOT No. Substance No. (if available) Percent State Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	, , , , , ,	Max. Daily Avg. Daily Days Onsite *(Actual Number)*	Container Conditions Location(s)
Substance Name CAS No. - - DOT No. Substance No. (if available) Percent State Trade Secret ☐ *(Code) (Code) (Check if Claiming)*	, , , , , ,	Max. Daily Avg. Daily Days Onsite *(Actual Number)*	Container Conditions Location(s)

See Instruction Booklet for codes.

ANNUAL REPORT

by

Chief Engineer
S. A. LUBETKIN

to the

PASSAIC VALLEY SEWERAGE COMMISSIONERS

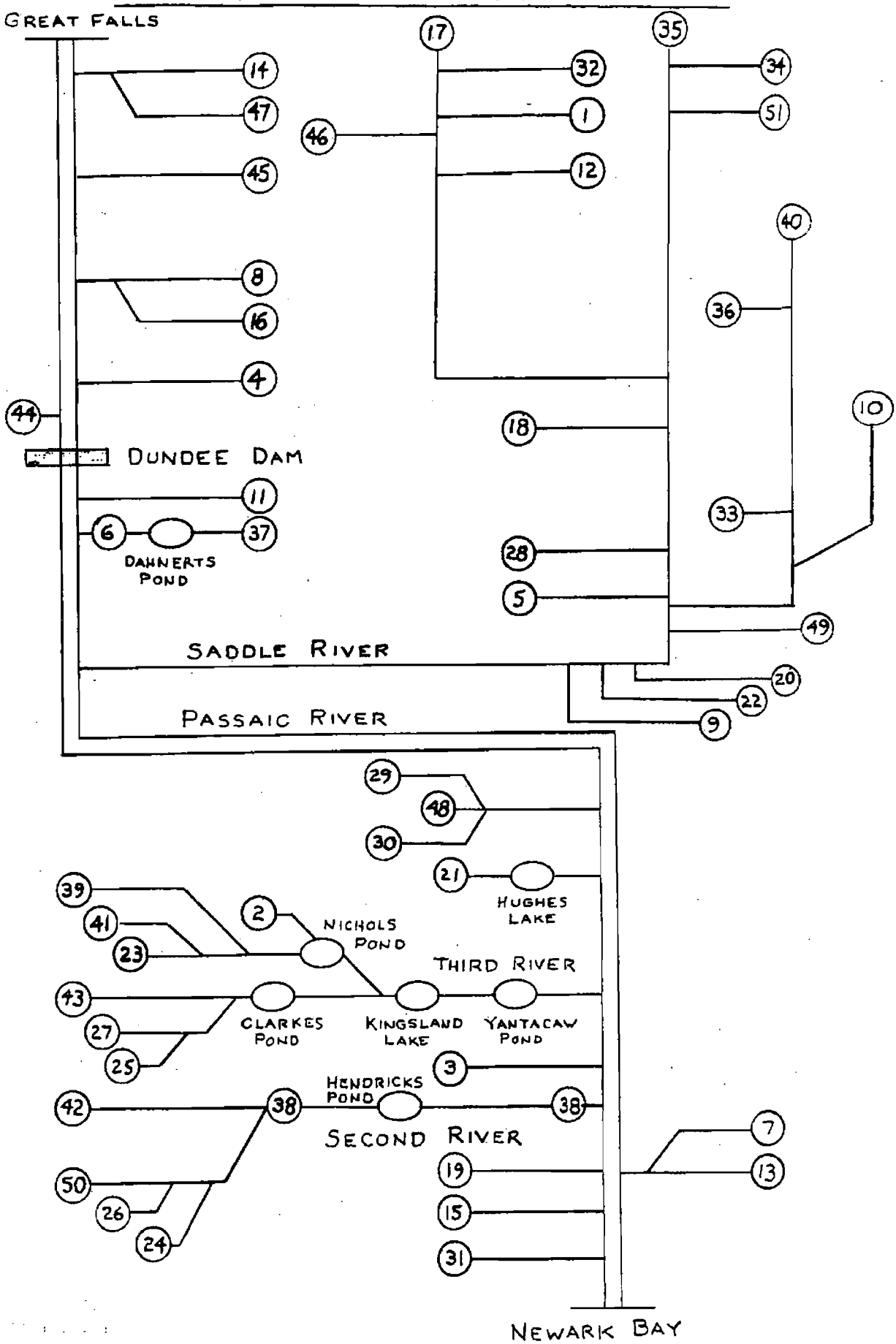
FOR THE YEAR

1973

PASSAIC RIVER TRIBUTARIES
BETWEEN
THE GREAT FALLS AND
THE MOUTH AT NEWARK BAY

NO.	NAME OF TRIBUTARY	
1	Allendale Brook	Enters Ho-Ho-Kus at Waldwick
2	Allwood Brook	Enters Nichols Pond at Nutley
3	Bearskin Culvert	Enters Passaic River at Nutley
4	Beaverdam Brook	Enters Passaic River at Fair Lawn
5	Coalberg Brook	Enters Saddle River at Saddle Brook
6	Dahnerts Brook	Enters Passaic River at Garfield
7	Dead Horse Creek	Enters Franks Creek at Kearny
8	Diamond Brook	Enters Passaic River at Fair Lawn
9	Felds Brook	Enters Saddle River at So. Hackensack
10	Fernway Brook	Enters Sprout Brook at Paramus
11	Fleischers Brook	Enters Passaic River at Garfield
12	Franklin Turnpike Brook	Enters Ho-Ho-Kus at Waldwick
13	Franks Creek	Enters Passaic River at Kearny
14	Goffle Brook	Enters Passaic River at Hawthorne
15	Harrison Creek	Enters Passaic River at Newark
16	Henderson Brook	Enters Diamond Brook at Glen Rock
17	Ho-Ho-Kus Brook	Enters Saddle River at Fair Lawn
18	Jordon Brook	Enters Saddle River at Fair Lawn
19	Lawyer's Ditch	Enters Passaic River at Newark
20	Lodi Brook	Enters Saddle River at Lodi
21	MacDonalds Brook	Enters Hughes Lake & Passaic River at Passaic
22	Millbank Brook	Enters Saddle River at Lodi
23	Nichols Brook	Enters Third River at Nutley
24	Nishuane Brook	Enters Wigwam Brook at Orange
25	Notch Brook	Enters Pearl Brook at Clifton
26	Parrow Brook	Enters Wigwam Brook at Orange
27	Pearl Brook	Enters Third River at Bloomfield
28	Pehle Brook	Enters Saddle River at Saddle Brook
29	Pershing Brook	Enters Weasel Brook at Clifton
30	Plogs Brook	Enters Weasel Brook at Clifton
31	Plum Creek	Enters Passaic River at Newark
32	Ramsey Brook	Enters Ho-Ho-Kus Brook at Allendale
33	Reidway Brook	Enters Sprout Brook at Paramus

SCHEMATIC DIAGRAM OF THE PASSAIC RIVER SHOWING TRIBUTARIES IN THE P.V.S.C. BASIN AREA



PASSAIC RIVER TRIBUTARIES (continued)

NO.	NAME OF TRIBUTARY	
34	Saddle Brook	Enters Saddle River at Ho-Ho-Kus
35	Saddle River	Enters Passaic River at Garfield-Wallington
36	St. Andrews Brook	Enters Sprout Brook at Paramus
37	Schroeders Brook	Enters Dahnerts Pond at Garfield
38	Second River	Enters Passaic River at Newark-Belleville
39	Solomons Brook	Enters Nichols Brook at Clifton
40	Sprout Brook	Enters Saddle River at Rochelle Park
41	Styertowne Creek	Enters into Nichols Brook at Clifton
42	Tony's Brook	Enters into Second River at Bloomfield
43	Third River	Enters Passaic River at Nutley
44	Wabash Brook	Enters Passaic River at Clifton (North)
45	Wagaraw Brook	Enters Passaic River at Hawthorne
46	Waldwick Brook	Enters Ho-Ho-Kus Brook at Waldwick
47	Washington Brook	Enters Goffle Brook at Hawthorne
48	Weasel Brook	Enters Passaic River at Passaic
49	Westerly Brook	Enters Saddle River at Rochelle Park
50	Wigwam Brook	Enters Second River at Bloomfield
51	Zabrieskie Brook	Enters Saddle River at Ho-Ho-Kus

Killam
Associates ▫ Consulting Engineers

27 Bleeker Street
P.O. Box 1008
Millburn, NJ 07041-1008
Telephone: 201-379-3400
Fax: 201-912-2400
Telex: 64-2057

ENVIRONMENTAL CLEANUP RESPONSIBILITY ACT
SITE EVALUATION SUBMISSION
FOR THE
AMERICAN CYANAMID COMPANY
SHULTON INC., USA SITE
CLIFTON, NEW JERSEY

APRIL, 1991

Prepared for:
American Cyanamid Company
Wayne, New Jersey

KILLAM ASSOCIATES
27 Bleeker Street
Millburn, N.J. 07041

ECRA-002
12/87

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT
INDUSTRIAL SITE EVALUATION ELEMENT
CN 028, TRENTON, N.J. 08625

ENVIRONMENTAL CLEANUP RESPONSIBILITY ACT (ECRA)

INITIAL NOTICE

SITE EVALUATION SUBMISSION (SES)

This is the second part of a two-part application form. This information must be submitted within 45 days following any applicable situation as specified at N.J.A.C. 7:26B-1.5 or any triggering event as specified at N.J.A.C. 7:26B-1.6. Please refer to the instructions and N.J.A.C. 7:26B-3.2 before filling out this form. Answer all questions. Should you encounter any problems in completing this form, we recommend that you discuss the matter with a representative from the Element. Submitting incorrect or insufficient data may cause processing delays and possible postponement of your transaction. Please call (609) 633-7141 between the hours of 8:30 a.m. and 4:30 p.m. to request assistance.

PLEASE PRINT OR TYPE

Date April 12, 1991

1. Industrial Establishment

Name American Cyanamid Company (Shulton Inc., USA site)

Address 697 Route 46

City or Town Clifton Zip Code 07015

Municipality Clifton County Passaic

A. Operational and Ownership History: *(Attach additional sheets if necessary)*

Name	Owner/ Operator	From	To	Current Address
American Cyanamid Co.	Shulton Inc., USA	1971	Present	1 Cyanamid Plaza Wayne, NJ
Shulton Inc., USA	Same	1946	1971	N/A

B. Brief description of past operation(s) conducted on site *(Attach additional sheets if necessary)*

Refer to Attachment 1.

2. List all federal and state environmental permits applied for, or received, or both, at this facility *(Attach additional sheets if necessary)*

Check here if no permits are involved _____

A. New Jersey Bureau of Air Pollution Control

Permit Number	Certificate Number	Date of Approval or Denial	Reason for Denial (if applicable)	Expiration Date
Attachment 2				

B. New Jersey Pollutant Discharge Elimination System (NJPDES)

Number	Discharge Activity	Date Issued or Denied	Expiration Date	Body of Water Discharged Into
(NJD0001287)	Non-Contact Cooling Water	7/19/88	7/19/90	Weasel Brook

C. United State Environmental Protection Agency (EPA) Identification Number and copy of the most recent generator Annual Report prepared pursuant to the New Jersey Hazardous Waste Regulations. *(If applicable)*

ID # NJD002190304

Is a copy of the Annual Report attached? X Yes (See Attachment # 2) ____ No

D. Resource, Conservation, Recovery Act (RCRA) Permit # Attachment 2

E. Bureau of Underground Storage Tank Registration Number(s) 0059925 and 0124904 (Attachment 2)

F. All other federal, state, local governmental permits.

Agency Issuing Permit	Permit No.	Date of Approval or Denial	Expiration Date
Nuclear Regulatory Commission	29-12843-01		
Nuclear Regualtory Commission	29-21102-01		

AEU000797

3. Summary of Enforcement Actions for Violation of Environmental Laws or Regulations:

Check here if no enforcement actions are involved _____

A. Date of Action October 1, 1989

Section of Law or Statute violated NJPDES Discharge to Surface Water

Type of Enforcement Action Notice of Violation

Description of the Violation Notice of Violation and Unacceptable Rating in regard to temperature.

How was the violation resolved? The site no longer discharges non-contact cooling water to Weasel Brook.

B. Date of Action February, 1990

Section of Law or Statute violated 7:27-8.3(a)&(b)

Type of Enforcement Action Administrative Order and Notice of Civil Administrative Penalty Assessment

Description of the Violation Installation and operation of equipment without required permits.

Air

How was the violation resolved? Submittance of applications VEM-003 and VEM-004 to the Bureau of New Source Review for the heated antiperspirant mix tanks vented to a common stack and an antiperspirant filling machine vented directly to atmosphere. Payment of a $600 penalty was also required.

4. Site Map

Is this map enclosed? _X_ Yes (See Attachment #_____) _____ No

If No, state the reason _____

(Attach additional pages, if necessary)

5. Decription of Operations:

Is this report enclosed? __X__ Yes (See Attachment # 4) _____ No

If No, state the reason _____

6. Description of Building Heating System:

A. How is the Industrial Establishment currently heated? (Oil, Gas, Electric) Gas (and space heaters in Buildings 14 & 15)

How long has the Industrial Establishment been heated by the above fuel/energy source: 5 years

B. Was the Industrial Establishment heated by fuel oil at any time: __X__ Yes _____ No

Is information on the decommissioning of underground fuel oil tanks included with item No. 14 of this form? (See also Attachments 2.3, 4.2.3 and 5.4)
__X__ Yes _____ No If no, explain below: _____

C. Are the results of the Integrity Evaluation for Existing Underground Fuel Oil Tanks enclosed?

_____ Yes (See Attachment #_____) __X__ No If no, state the reason No underground storage tanks exist on site at this time.

7. Summary of Industrial Establishment Wastewater Discharges of Sanitary and/or Industrial Waste:

A.

Discharge Period From	To	Discharge Type	Treatment By
1946	Present	Sanitary and Industrial Wastewater	Public Treatment Works

B. If the Industrial Establishment discharges sanitary and/or industrial wastes to a publicly-owned treatment plant, provide the name/address of that facility.

Name Passaic Valley Sewerage Commission Telephone # 824-2902

Street Address 600 Wilson Avenue

Municipality Newark State NJ Zip Code 07105

Date(s) of Discharge	Nature of Discharge
1. 1946-Present	Sanitary and Industrial Wastes
2.	
3.	

8. Hazardous Substance and Waste Containment Description: *(Attach additional sheets if necessary)*
(See also Attachment 4.2.2)

Type of Storage Unit	Date Installed	Area or Volumetric Capacity (Include units)	Material Stored	Construction Type	Location Reference	Decommissioning or Sampling Reference

9. Hazardous Substance/Waste Inventory: Refer to 1989 Community Right to Know Survey included in Appendix A.

Material Name	Quantity (Indicate units)	Location Reference	Storage Method Container Type/Size	Typical Annual Usage	To Remain on Site (Yes or No)

AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

HAZARDOUS SUBSTANCE & WASTE CONTAINMENT INFORMATION

TYPE OF STORAGE UNIT		CAPACITY - CONSTRUCTION TYPE	CURRENT & FORMER CONTENTS	STATUS & USE	LOCATION
AGST	✓	5,000 gallons-steel	#2 Fuel Oil	Active-Backup Heating System	Rear of Bldg 1
AGST	✓	7,500 gallons-steel	#2 Fuel Oil	Active-Backup Heating System	Rear of Bldg 1
AGST	✓	275 gallons-steel	Diesel Fuel	Active-Motor Fuel	Rear of Bldg 1
AGST	✓	6,500 gallons-steel	40 Alcohol (former)	Not In Use-Formerly Used in Perfume Production	East of Bldg 11
AGST	✓	5,000 gallons-steel (4 tanks)	Chlorofluorocarbons/ aerosol (former)	Not In Use-	East of Bldg 11
AGST		5,000 gallons-steel	Propylene Glycol	Not In Use-Empty	South of Bldg 4
AGST		5,000 gallons-steel	39C Alcohol	Not In Use-Empty	South of Bldg 4
AGST		194 gallons-steel	Propane	Active-Flame Treater	South of Bldg 9A
AGST	✓	1,000 gallons-steel (3 tanks)	Hydraulic Oil	Active-Recycled on-site, Process Operations	East of Bldg 9/9A Junction

AEU000801

AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

HAZARDOUS SUBSTANCE & WASTE CONTAINMENT INFORMATION
(Continued)

TYPE OF STORAGE UNIT	CAPACITY - CONSTRUCTION TYPE	CURRENT & FORMER CONTENTS	STATUS & USE	LOCATION
AGST ✓	1,000 gallons-plastic	Hydraulic Oil	Active-Recycled on-site, Process Operations	East of Bldg 9/9A Junction
AGST ✓	500 gallons-steel	Hydraulic Oil	Active-Recycled on-site, Process Operations	East of Bldg 9/9A Junction
AGST	275 gallons-steel	Diesel Fuel	Active - diesel generator	South of Bldg 2
AGST ✓	275 gallons-steel	Diesel Fuel	Active - pump for fire protection	North of Bldg 15
Drum	55 gallon-steel and plastic	Methanol	Active-Plastic Production	Storage Pad South of Bldg 9A
Drum	55 gallon-steel and plastic	Flammable materials	Active-Process Operation	Storage Pad in Bldg 7A
Super Sacks	800 lbs.	Aluminum Zirconium	Antiperspirant Production	Interior Bldg 9
Super Sacks	800 lbs.	Tetrachlorohydrex Glycol	Antiperspirant Production	Interior Bldg 9
Miscellaneous Cans, Bottles, Jugs & Boxes	Miscellaneous Small Quantities	Paints, dyes, degreasers & lubricants	As needed in Production	Interior Bldg 9/9A

10. Discharge History of Hazardous Substances and Wastes:

A. Have there been any discharges of hazardous substances and wastes?
__X__ Yes (Complete Item B below) _____ No (Go to Item 10C)

B. Summary of Discharges and Resolutions

Description of Discharge Event	Response and Resolutions
Discharges and Sampling History are described in Attachment 5.	
Summary of Pre-ECRA Sampling and Analytical results are described in Attachment 6.	

C. Is this Industrial Establishment subject to Spill Prevention Control and Countermeasure (SPCC) per 40 CFR Part 112 or Discharge Prevention, Containment and Countermeasure (DPCC) Plan per NJAC 7:1E-4.1 requirements?

__X__ Yes _____ No A copy of the Plan(s) may be required at the discretion of the Department.

11. Sampling Plan Proposal

A. Is sampling proposed at the facility? __X__ Yes (See Attachment # __7__) No_____

If sampling is not proposed, please explain below. *(Attach additional sheets if necessary)*

B. Is groundwater sampling proposed? __X__ Yes _____ No

Note: If groundwater sampling is proposed under the plan, you must complete ECRA Form 002A "Request for Hydrogeologic Assessment" and submit it with the application.

12. Decontamination/Decommissioning Plan

A. Is the facility Decontamination/Decommissioning Plan enclosed?

__X__ Yes (See Attachment # __9__) _____ No

B. If no, specify why decontamination/decommissioning is not considered necessary.

_____

_____

_____

_____

13. Historical Data on environmental quality at the Industrial Establishment

A. Were sampling results obtained on Environmental Quality for the Industrial Establishment?

__X__ Yes (See Attachment # __5 & 6__) _____ No

B. If sampling results were obtained but are not part of this application, please explain below:

_____

_____

_____

_____

14. List any other information you are submitting or which has been formally requested by the Department:

Description	Attachment #

FEE CHECKLIST

Include below a breakdown of the total fee submitted with this application. (See N.J.A.C. 7:26B-1.10 for the appropriate fees.)

Item	Amount ($)
1. Initial Notice Review	
i. Without Sampling Plan	
ii. With Sampling Plan that includes only underground storage tank analysis without groundwater monitoring	
iii. With Sampling Plan other than ii. above or iv. below	
iv. With Sampling Plan that includes any groundwater monitoring	$7,500
2. Sampling Data Review	$1,000
3. Negative Declaration Review	
4. Cleanup Plan Review	
5. Oversight of Cleanup Plan Implementation	
TOTAL FEE ENCLOSED	$ 8,500

ARE FEES ENCLOSED? __X__ YES

CERTIFICATIONS:

A. The following certification shall be signed by the highest ranking individual at the site with overall responsibility for that site or activity. Where there is no individual at the site with overall responsibility for that site or activity, this certification shall be signed by the individual having responsibility for the overall operation of the site or activity.

I certify under penalty of law that the information provided in this document is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of N.J.S.A. 13:1K-6 et seq., I am personally liable for the penalties set forth at N.J.S.A. 13:1K-13

Typed/Printed Name Louis A. Savarese Title Vice President of Operations

Signature Louis A. Savarese Date Apr. 10, 1991

LAS

Sworn to and Subscribed Before Me
on this 10th
Date of April 1991

Kathleen Crawford-Mai
Notary

NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES APR. 5, 1994

B. The following certification shall be signed as follows:

1. For a corporation, by a principal executive officer of at least the level of vice president;
2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
3. For a municipality, State, Federal or other public agency, by either a principal executive officer or ranking elected official.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate, or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of N.J.S.A. 13:1K-6 et seq. I am personally liable for the penalties set forth at N.J.S.A. 13:1K-13

Typed/Printed Name Lawrence E. Tilton Title President, Lederle Consumer Health Products

Signature Lawrence E. Tilton Date April 10, 1991.

LET-A

Sworn to and Subscribed Before Me
on this 10th
Date of April 1991

Kathleen Crawford-Mai
Notary

NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES APR. 5, 1994

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TABLE OF CONTENTS (Cont.)

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TABLE OF CONTENTS (Cont.)

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LIST OF FIGURES

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LIST OF TABLES

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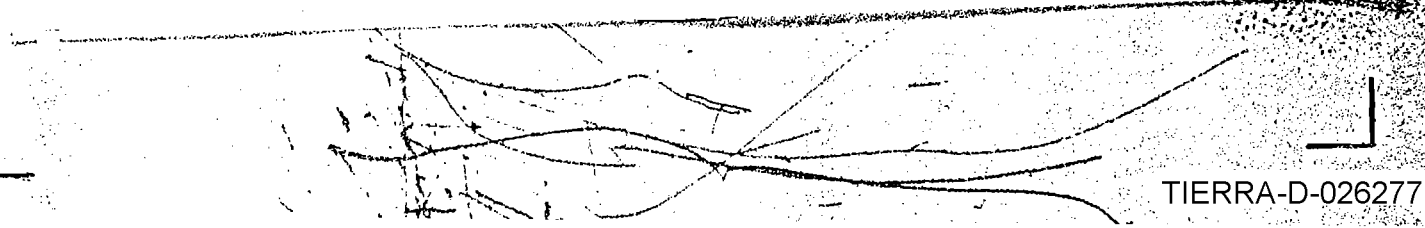
AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

PERTINENT INFORMATION TEXT REFERENCE TABLE

ITEM	TEXT LOCATION
GENERAL:	
1. Submittal signed by authorized official or management official.	SES, Pg. 8
2. Table of contents	Follows SES, Pg. i
3. Location map	Attachment 7, Pg. 7-2
4. Scale site map	Attachment 3, Pg. 3-1
5. Objectives of sampling episode	Attachment 7, Pg. 7-1
ENVIRONMENTAL SETTING:	
6. Historical site use detailed or referenced	Attachment 1, Pg. 1-1
7. Soil descriptions	Attachment 7, Pg. 7-4
8. Topography/drainage descriptions	Attachment 7, Pg. 7-4
9. Hydrogeologic description	Attachment 7, Pg. 7-5
10. Geologic description	Attachment 7, Pg. 7-1
11. Well Search Form #1	Attachment 8, Pg. 8-1
12. Analytical results for onsite potable/ production wells	Attachment 2, Pg. 2-2
AREAS OF POTENTIAL ENVIRONMENTAL CONCERNS:	
13. Identify environmental media (soil, sediment, surface water, groundwater, air, building interiors)	Attachment 6. Pg. 6-1
14. Each potential source area discussed separately	Attachment 6, Pg. 6-4
15. Summary table (locations, sampling depth, sample analysis)	Attachment 6, Pg. 6-2

AEU000811



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AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

PERTINENT INFORMATION TEXT REFERENCE TABLE
(continued)

ITEM	TEXT LOCATION
- Summary of Pre-ECRA Sampling	Attachment 6, Pg. 6-2
- Summary of Proposed Soil Sampling	Attachment 7, Pg. 7-13
- Summary of Proposed Groundwater Sampling	Attachment 7, Pg. 7-22
16. Scaled sampling maps(s)	Attachment 7, Pg. 7-12, 7-15, 7-17 and 7-19
QUALITY ASSURANCE/QUALITY CONTROLS:	
17. Sampling equipment and methods.	Attachment 7, Pg. 7-21 (Appendix I)
18. Equipment decontamination	Attachment 7, Pg. 7-21 (Appendix H)
19. Names and addresses of laboratories	Attachment 7, Pg. 7-21 (Appendix H)
20. Analytical method(s) with minimum detection limit by parameter and matrix	Appendix H
21. Lab Deliverables	Appendix M
HEALTH AND SAFETY PLAN:	
22. Plan to deploy protective equipment, conduct environmental monitoring and follow decontamination procedures	Attachment 7, Pg. 7-21 (Appendix I)
SCHEDULING:	
23. Includes notification, reporting dates	Attachment 7, Pg. 7-25

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ATTACHMENT 1: PAST OPERATIONS

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ATTACHMENT 1: PAST OPERATIONS

1.0 Historical Land Uses and Process Operations

Shulton commenced operations at the Clifton site in approximately 1946 with the construction of Bldgs 1 through 4. Shulton acquired the initial property from small farmers and homeowners. Prior uses of the land were limited to residential and agricultural. Development of the site proceeded southward by acquiring additional residential properties and erecting additional buildings. A total of 15 facility buildings (Bldg 1 through Bldg 11 and Bldg 13 through Bldg 16) and one residence are currently located on site. An additional building (Bldg 12) was owned by Shulton until approximately 1978. The building was located adjacent to the current southeastern property line of the site and was used by Shulton as a warehouse for finished products. The building and surrounding land (Block 28.02, Lot 20) are currently occupied by Capital Soap Corporation.

Operations conducted at the Shulton Clifton site have changed since 1946 in terms of specific hygiene and household products manufactured and tested, however, the basic function of manufacturing, research and development, and product testing activities have always been performed at this site. According to representatives of Shulton, recent operations conducted at Bldgs 1 through 4 and Bldgs 6 and 7 reflect a change in use from those conducted prior to the late 1960's to early 1970's. Currently, administrative and employee service functions are the primary activities conducted in Bldgs 1 through 4. Past operations in these buildings included manufacturing. Research and development and product testing activities have been conducted in laboratories located in the second and third floors of Bldg 2 and Bldg 3, and in Bldg 6, Bldg 7 and Bldg 7A. Use of these laboratories is being discontinued and the laboratories are in the process of being decommissioned.

According to representatives of Shulton, an additional (former) on-site operation, Nitine Specialty Chemicals (Nitine) was located at the Shulton Clifton site. Nitine utilized Bldgs 6 and 7 from approximately 1946 until 1971-1972. Nitine's operation included the production of specialty chemicals (such as benzyl alcohol), the packaging/repackaging of materials including hexachlorophene, and research and development (see Attachment 5, Section 5.3 for additional information regarding Nitine). Current operations conducted in Bldgs 6 and 7 are described in Attachment 4.

According to a Shulton representative, during the initial years of operations (prior to 1960) some materials may have been disposed of at the rear of the property, beneath the current parking area adjacent to Bldg 16. Materials are believed to be located within the first few feet of soil (below fill materials added to grade the parking area). Filling activities were reportedly confined to the easternmost third of the current parking area. Other Shulton representatives did note that the parking area adjacent to Bldg 16 had been used by the company landscaper to store landscaping equipment. Further, grass cuttings, leaves and other organic gardening debris were stored/composted in the adjacent non-paved areas, along Weasel Brook.

1.1 Historical Aerial Photograph Review

A review of available historical aerial photographs was conducted on August 1, 1990. Aerial photography was provided for 1940, 1951, 1953, 1961, 1971, 1974 and 1986 by the NJDEP-Division of Coastal Resources (Planning Group). A recent (1989) aerial photograph has been included as Figure 7-2 in Attachment 7.

In general, the aerials illustrated residential, commercial and industrial activities replacing residential and agricultural use throughout the area. The development of the Shulton site (construction of buildings) appeared to be consistent with previous information.

The aerial review revealed that the former Athenia Steel facility (southeast of the Shulton Facility) was present and in operation as early as 1940. The aerial review also indicated that the areas to the east and southeast of the Shulton facility have been used in a variety of industrial capacities since the 1950s. The area north of the Shulton site appeared to develop in an industrial/commercial capacity in the late 1960s through early 1970s with the construction of the Garden State Parkway and capital improvements to Route 46. The aerial review also revealed that much of the surrounding area, especially west of the current Shulton site, appeared to be used in a residential or combined residential/agricultural capacity as far back as 1940. A pond was noted in the 1951 aerial at the southern end of the current Shulton property, adjacent to a residence. The pond and associated residence were noted in the 1954 and 1961 aerials and not in the 1974 or later aerial photographs. The pond and residence appeared to have been replaced by Bldgs 14 and 15 and associated paved areas.

A small area of storage and/or disturbance was noted in the southeast portion of the current parking area near Bldg 16 in the 1961 aerial. Storage of some kind (possibly of landscaping equipment) was noted near Bldg 16 in the aerials from the 1970's. This storage may have been associated with the Shulton landscaper who stored equipment in Bldg 16, as stated by Shulton employees. Above ground storage tanks were noted in the paved area south of Bldg 6 and west of Bldg 7 in the 1951, 1953, 1961, 1971 and 1974 aerials. Drum storage was noted south of Bldg 7 (present location of Bldg 7A) in the 1961 and 1971 aerials; the area did not appear to be paved. Some limited outdoor drum storage was noted along the northern side, and off the northeast corner, of Bldg 11. Drum storage was noted along the eastern side of Bldg 9/9A (the current location of a concrete containment area) in the 1971 and 1974 aerial photographs. The storage areas near Bldgs 11 and 9/9A did not appear to be paved.

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ATTACHMENT 2: ENVIRONMENTAL PERMITS AND REPORTS

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ATTACHMENT 2: ENVIRONMENTAL PERMITS AND REPORTS

2.0 Air Pollution Control Permits

A total of five air permits for stacks associated with production were noted in the Shulton files. The permits were issued in regard to the processing kettle discharge fan, filling line exhaust stack, boiler stack and silo with bag filters (bottom and top bin permitted separately). One Administrative Order and Notice of Civil Penalty Assessment noting non-permitted stacks was issued by the NJDEP in February 1990 based upon a site inspection conducted on January 24, 1990. The matter was resolved through issuance of registration forms (dated February 9, 1990) and payment of a $600 penalty (dated May 29, 1990) to the NJDEP for the unregistered stacks. Relevant air permit information is summarized below.

Permit Number	Date of Approval	Expiration Date
004277 (Top Silo)	11/15/81	11/15/91
004276 (Bottom Silo)	11/15/81	11/15/91
072020 (Boiler Stack)	7/17/85	7/17/90*
(Processing Kettle Discharge Fan)	**	**
(Filling Line Exhaust Stack)	**	**

*: Boiler stack permit was renewed by Shulton in July of 1990 and a new permit has not yet been issued by the NJDEP.

**: Permit applications were filed on February 9, 1990 and a response is pending from the NJDEP. The approval status number is 51.

2.1 Former NJPDES Permit

Shulton maintained a New Jersey Pollution Discharge Elimination System (NJPDES) permit (Permit Number: NJ0001287) for discharge to surface water. The NJPDES permit was issued by the NJDEP and dated July 19, 1988. Per the permit requirements, Shulton was allowed to discharge non-contact cooling water derived from three production wells (PW-1 through PW-3) to Weasel Brook. The locations of PW-1 through PW-3 are presented on Figure 3-1, Site Plan included in Attachment 3. The permit was limited to thermal discharges (Category C) and did not include treated wastewater or sludge. Monitoring requirements of the NJPDES permit included temperature, pH, total suspended solids, total organic carbon, petroleum hydrocarbons (PHC), and total chromium, zinc and copper. Per the NJPDES permit, Shulton was required to submit quarterly discharge monitoring reports (DMRs) identifying the results of the above referenced analyses. The only exceedence noted was in regard to the final sampling episode (DMR, dated 1/17/90) and was associated with the level of total suspended solids. All other analytical results appeared to be within the NJPDES permit guidelines. One violation was noted in regard to this permit. The NJDEP issued a Notice of Violation and Unacceptable Rating in regard to temperature on October 1, 1989. No penalty was assessed in regard to the violation.

Non-contact cooling water is no longer discharged to Weasel Brook and, as such, the NJPDES permit was not renewed in 1990. The site currently utilizes public water in a closed-loop system for non-contact cooling purposes.

2.2 Former RCRA Permit

Shulton had filed a RCRA Part A permit application with the NJDEP for hazardous waste storage at its Clifton site on November 18, 1980. Subsequently, Shulton was assigned an EPA Identification Number of NJD002190304. In March of 1986, the NJDEP notified Shulton that a Part B facility permit would be required for the continued operation of a hazardous waste storage facility. Shulton filed a RCRA Part B permit application in 1988 pursuant to New Jersey Hazardous Waste Regulations N.J.A.C. 7.26-9,-10.4, and -12. The RCRA Part B permit application

was filed for construction and consolidation of a Hazardous Waste Drum Storage Facility (HWSDF) to store a maximum of 192 drums of hazardous wastes over 90 days. The permit application stated hazardous wastes stored on-site at the HWSDF would subsequently be disposed of at an off-site facility. The twelve potential waste streams identified in the RCRA Part B permit application included alcohol fragrance waste, analytical lab solvent waste, surplus antiperspirant waste, flammable acid solution waste, waste oil, phosphorus acid solution (used in cleaning air conditioning equipment), alcoholic polymer waste, lab packs, obsolete raw materials, vacuum pump condensate, oil sludge compressor waste and photographic solutions waste.

In 1989, Shulton desired to return to "generator only" status and, therefore, prepared a RCRA closure plan for all hazardous waste drum storage areas. The NJDEP required decommissioning and sampling of the former storage pads prior to closure approval. Sampling results are discussed in Attachment 5, Section 5.2.

2.3 Former Underground Storage Tank Registration

At this time, no USTs are located at the Shulton Clifton site. However, an NJDEP certificate of UST registration (number 0059925) dated 1985 was noted in the Shulton files. The certificate of registration included 6 tanks; one 10,000 gallon tank containing alcohol (SD40 ethyl alcohol); two 10,000 gallon tanks containing #2 fuel oil; one 30,000 gallon tank containing #2 fuel oil; one 550 gallon tank containing diesel fuel and one 1,000 gallon tank containing gasoline. Per the NJDEP-Bureau of Underground Storage Tank registration list, Shulton maintains a second NJDEP Certificate of UST registration, number 0124904. This certificate of registration included 4 tanks; one 10,000 gallon tank containing ethyl alcohol; two 10,000 gallon tanks containing #2 fuel oil, and one 30,000 gallon tank containing #2 fuel oil. Apparently, after the 550 gallon and 1,000 gallon tanks were removed in 1985, a new registration number was issued which covered the four tanks remaining at that time (see Attachment 5, Section 5.4 for a description of UST removal).

2.4 Other Federal, State & Local Government Permits

The Shulton site maintains an industrial sewer connection permit with the Passaic Valley Sewerage Commission (PVSC) for industrial discharges. Shulton's permit number is 03403182. The municipal sanitary and industrial sewer systems operate independently of one another but both discharge to the PVSC facility. Discharges to the industrial sewer system are monitored (via sampling) at one outlet location. The sampling outlet is located in the parking area adjacent to Bldg 14. The outlet is sampled monthly for biochemical oxygen demand (BOD), total suspended solids (TSS) and pH. Monitoring reports are prepared and issued quarterly to PVSC. Shulton has been required to submit monitoring reports to PVSC since July 15, 1981.

The Shulton site maintains two permits with the Nuclear Regulatory Commission for use of radioisotopes in research and development activities. The permit numbers are 29-12843-01 and 29-21102-01. Permit number 29-12843 authorizes use of regulated materials in gas chromatographic sample analysis and permit number 29-21102-01 authorizes use of regulated materials in research and development (radioactive studies to assess insecticide metabolism).

2.5 1990 Annual Hazardous Waste Generator Report

The most recent Annual Generator Report (for 1990) was submitted to the NJDEP-Division of Hazardous Waste Management in March of 1991. The Generator Report indicated that the Shulton site generated greater than 10 tons but less than 100 tons of hazardous waste during the 1990 calendar year. A copy of the 1990 Annual Generator Report is included in Appendix B. The 1990 Annual Generator Report reflects above average hazardous waste generation activities as research and development and product testing laboratories were in the process of being decommissioned in 1990.

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ATTACHMENT 3: SITE PLAN

PLEASE NOTE:

NO ATTACHMENT WAS FOUND
FOR ATTACHMENT 3 – SITE PLAN

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ATTACHMENT 4: DESCRIPTION OF OPERATIONS

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ATTACHMENT 4: DESCRIPTION OF OPERATIONS

4.0 Introduction

The Shulton site is located at 697 Route 46 in Clifton, New Jersey, southeast of the Garden State Parkway and Route 46 interchange. The property is designated as Block 28.02, Lots 1 through 5 by the Clifton City Tax Office. The Shulton businesses and the Shulton Clifton facility (property and buildings) have been owned by American Cyanamid Company since approximately 1971.

The Shulton Clifton facility currently manufactures and distributes antiperspirant (Ladies Choice, Fast Track and Old Spice), plastic containers (for antiperspirant products) and plastic container components (caps for Pine-Sol). The Shulton Clifton facility also performs a number of research and development, and product testing activities for many of the hygiene and household products produced by Shulton businesses. Shulton has Standard Industrial Classification (SIC) code numbers of 2841 and 2844. The SIC codes apply to those establishments engaged in the manufacture of soaps and synthetic organic detergents, inorganic alkaline detergents and combinations thereof (2841) and in manufacturing perfumes, cosmetics, and toilet preparations (2844).

A total of 15 facility buildings (Bldg 1 through Bldg 11 and Bldg 13 through Bldg 16) are located on approximately 42.5 acres of land and used in a variety of capacities in overall site operations. (As described in Attachment 1, Bldg 12 was sold by Shulton in approximately 1978). A residence is also located on site along Colfax Avenue (the residence is heated via natural gas). The locations of each of the current Shulton buildings and the overall layout of the site are depicted on Figure 3-1, Site Plan included in Attachment 3. Current operations conducted at each of the individual facility buildings are summarized in Table 4-1 on the following page.

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AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 4-1
BUILDING INFORMATION

BUILDING NO.	YR BUILT	SQ. FT.	NO.OF FLOORS	USE
1	1946	65,984	3	Maintenance, Offices
1A	1971	1,070	1	Product Evaluation
(addition)	1977	1,140	1	Product Evaluation
2	1946	81,603	4	Cash Sales, ISD, Offices
3	1946	118, 224	3	Storage, Medical, Offices,
(addition)	1962	17,002		Dining Room, Receiving, Offices & Labs., Health Facility
4	1954	77,130	2	Executive Offices, Former Warehouse
5	1946	2,380	1	Boiler House
6	1951	16,800	2	Quality Assurance
7	1950	7,200	2	Process Development Laboratory
7A	1980	2,392	1	Aerosol & Facility
8		1,760	1	Garage
9	1956	31,880	1	Processing, Filling
9A	1957	28,125	1	Plastics Manufacturing
10	1983	150	1	Plastics Pump House
11	1959	43,384	1	Warehouse, former Processing and Filling
13	1960	130	1	Fire Pump House
14	1961	19,200	1	Warehouse
15	1967	132,450	1	Warehouse
(addition)	1979	512		
16	1969	1,175	1	Garage Service Bldg. (Landscaping Equipment)

According to Shulton personnel, all floor drains at the facility tie into the municipal sanitary sewer system. The separate storm sewer system on site discharges to Weasel Brook.

4.1 Current Process Description

Shulton currently manufactures and distributes antiperspirant and plastic container components. The plastics department services the Clifton facility with plastic container components for Old Spice, Ladies Choice and Fast Track antiperspirants; services the Memphis, Tennessee plant with finished plastic containers for Old Spice deodorant; and services the Jackson, Mississippi plant with caps for Pine-Sol.

Research and development activities are currently being phased out on site. Laboratories are being dismantled and decommissioned by Compliance Management Inc. of Whippany, New Jersey and United Enviro Systems, Inc. of Chester, New Jersey. The Decontamination and Decommissioning Plan for the laboratories is included in Attachment 9.

4.1.1 Antiperspirant Operation/Filling Department

Antiperspirant production is performed in Bldg 9, the northern portion of Bldg 9/9A. Silicone, aluminum zirconium, and tetrachlorohydrex glycol are the primary raw materials used in antiperspirant production. Silicone is stored in a 5,000 gallon above ground tank outside the rear of Bldg 9 and in a number of above ground storage containers with a maximum total capacity of 10,000 gallons inside Bldg 9. Aluminum zirconium and tetrachlorohydrex glycol are stored in 800 pound super sacks in the central portion of Bldg 9. The referenced raw materials are combined in a 1,670 gallon slurry tank and the mixture is then combined with other raw materials (stored in a 450 gallon reclaiming tank) in two 1,500 gallon process tanks. The compound is then passed through a number of heating, cooling, forming, filling and packaging processes based on the specific

product. Finished products are inspected and then accumulated for bulk packaging and product cooling. Finished products are stored in Bldg 15 awaiting distribution. A flow chart of the antiperspirant production operation is provided on page 4-5.

4.1.2 Plastics Production

Plastics production is performed in Bldg 9A, the southern portion of Bldg 9/9A. Three types of plastic resins are used by the plastics department: polypropylene, low density polyethylene (LDPE) and high impact polystyrene. The plastic resins are stored in pellet form in silos outside the southern side of Bldg 9A. Polypropylene and LDPE are delivered by tank truck and high impact polystyrene is delivered by rail car.

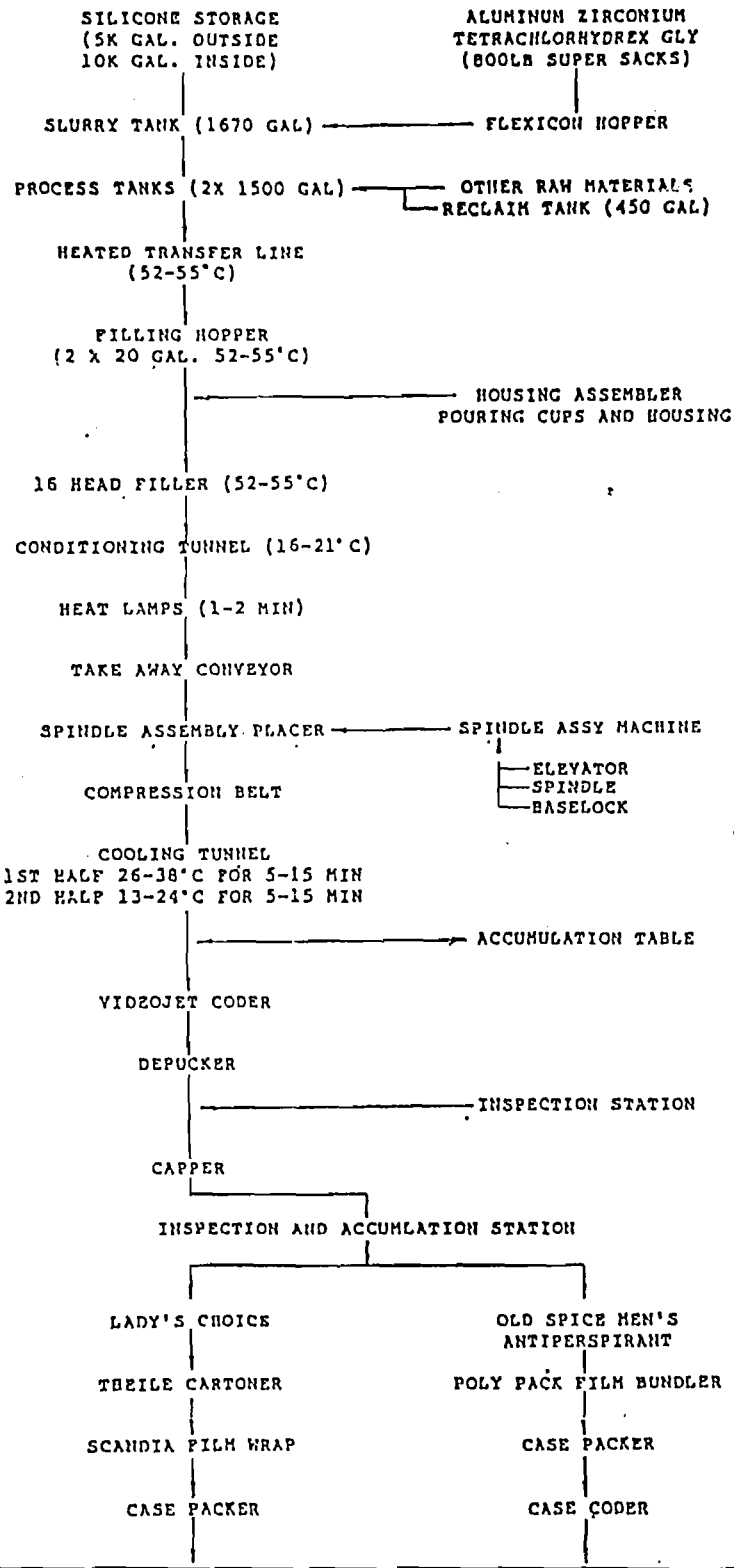
Plastic resin pellets are ground, colored, blended and passed into an injection molding machine yielding individual molded components. Components are then lined, labeled and packaged. Finished components are either used on site or shipped to Memphis, Tennessee or Jackson, Mississippi. A flow chart of the plastics production operations is also provided on the following page.

4.2 Description of Storage Facilities

According to representatives of Shulton, waste materials have been stored near the point of generation and indoors, wherever possible, for security purposes. Shulton has never stored waste materials in underground storage tanks. Shulton has stored used hydraulic oil for re-use in process operations in above ground storage tanks at the rear of Bldg 9. Shulton has stored the majority of waste materials in 55 gallon drums for disposal off-site.

The primary chemicals used in process operations throughout the history of the site were toluene, alcohols, xylene, silicone, aluminum zirconium, poly proplyene, hydrogen peroxide, fatty acids, and fragrance compounds and, to a lesser degree, lubricants and degreasers for on-site machinery. Shulton

ANTIPERSPIRANT OPERATION



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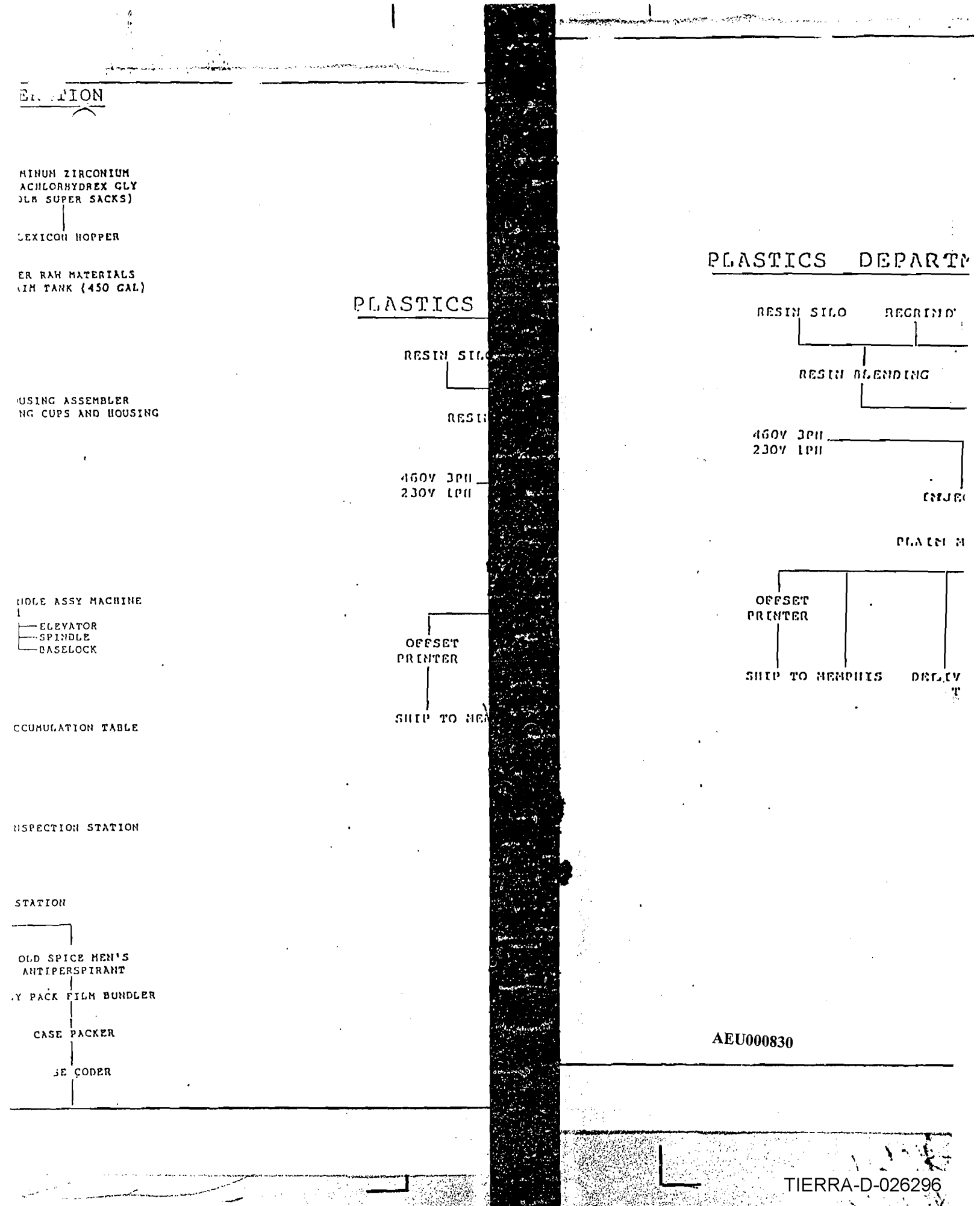

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PLASTICS DEPARTMENT PROCESS FLOW CHART

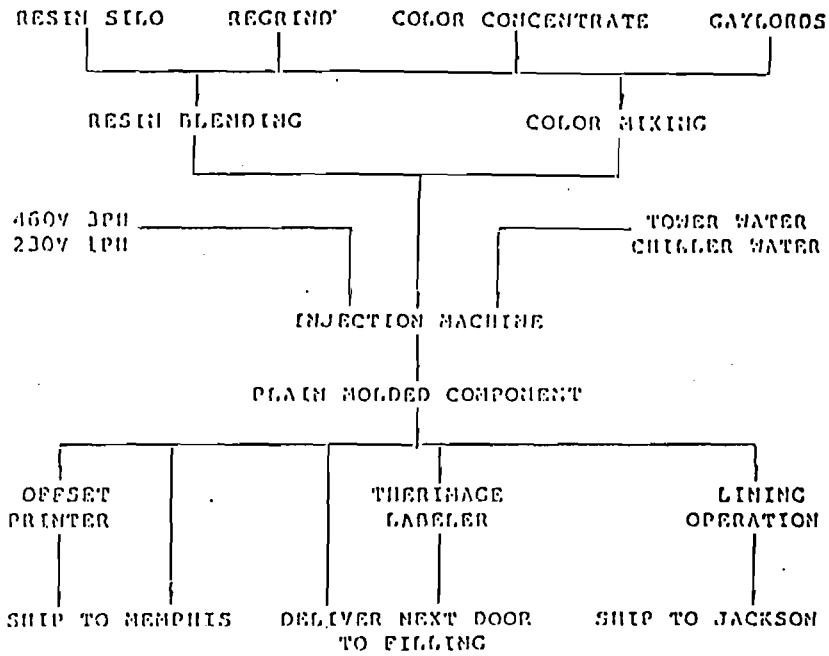

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TABLE 4-2
American Cyanamid Company
Shulton Facility
Clifton, New Jersey

CURRENT PROCESS OPERATIONS

D.B. Killam
Associates in Consulting Engineers

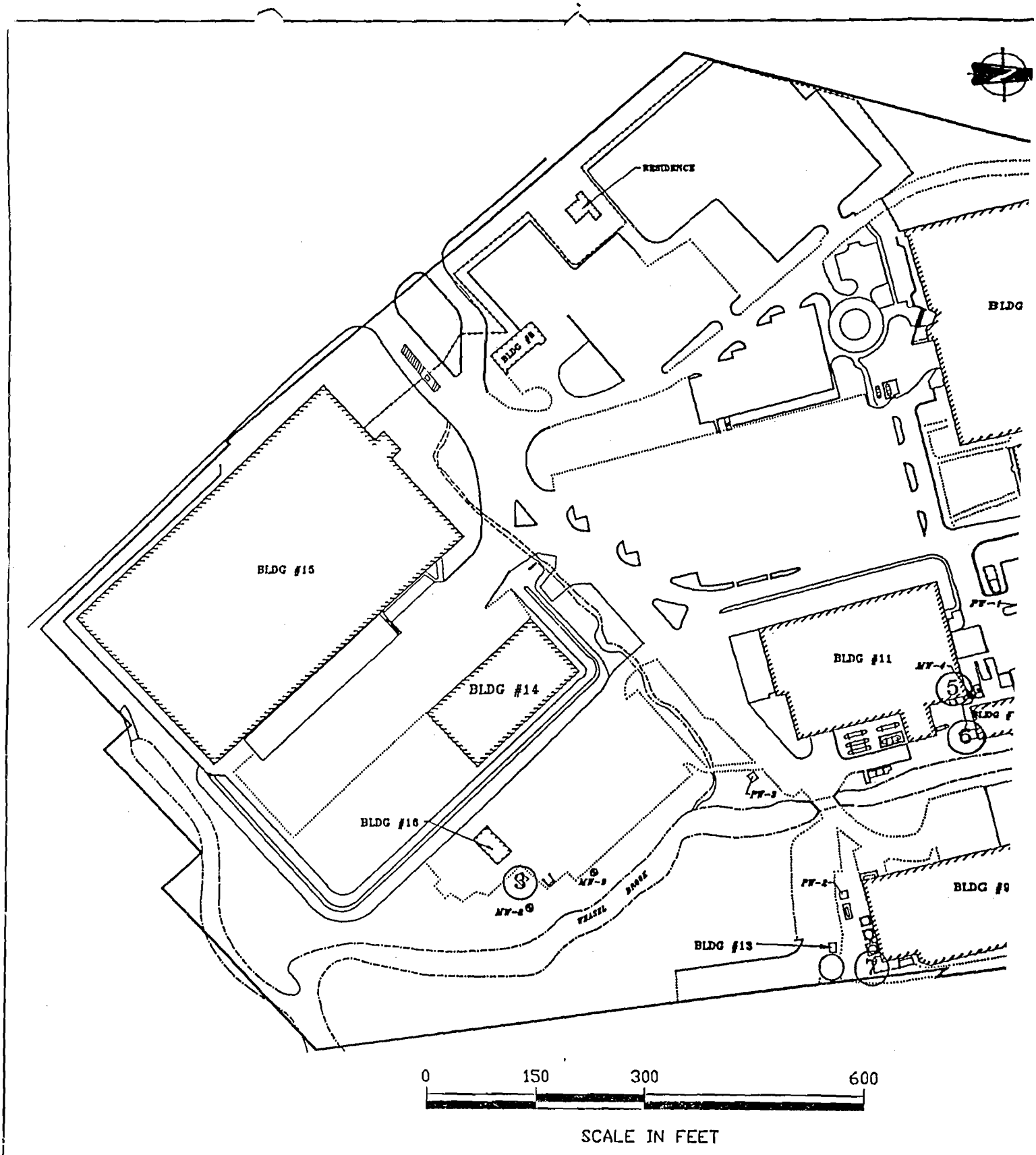
utilized above ground storage tanks (AGSTs) and former underground storage tanks (USTs) to store fuel oil and raw materials used in facility operations. Shulton also stored raw materials in 55-gallon drums at various storage areas. Shulton has segregated materials storage based upon compatibility rather than product use. As such, waste and raw materials may have been stored at the same storage area. A discussion of storage areas is included in the ensuing paragraphs. Figure 4-1 presents current and historic storage areas and is included on the following page. Table 4-3 (following Figure 4-1) summarizes the materials stored and identifies remedial and/or investigative actions taken at the referenced storage area.

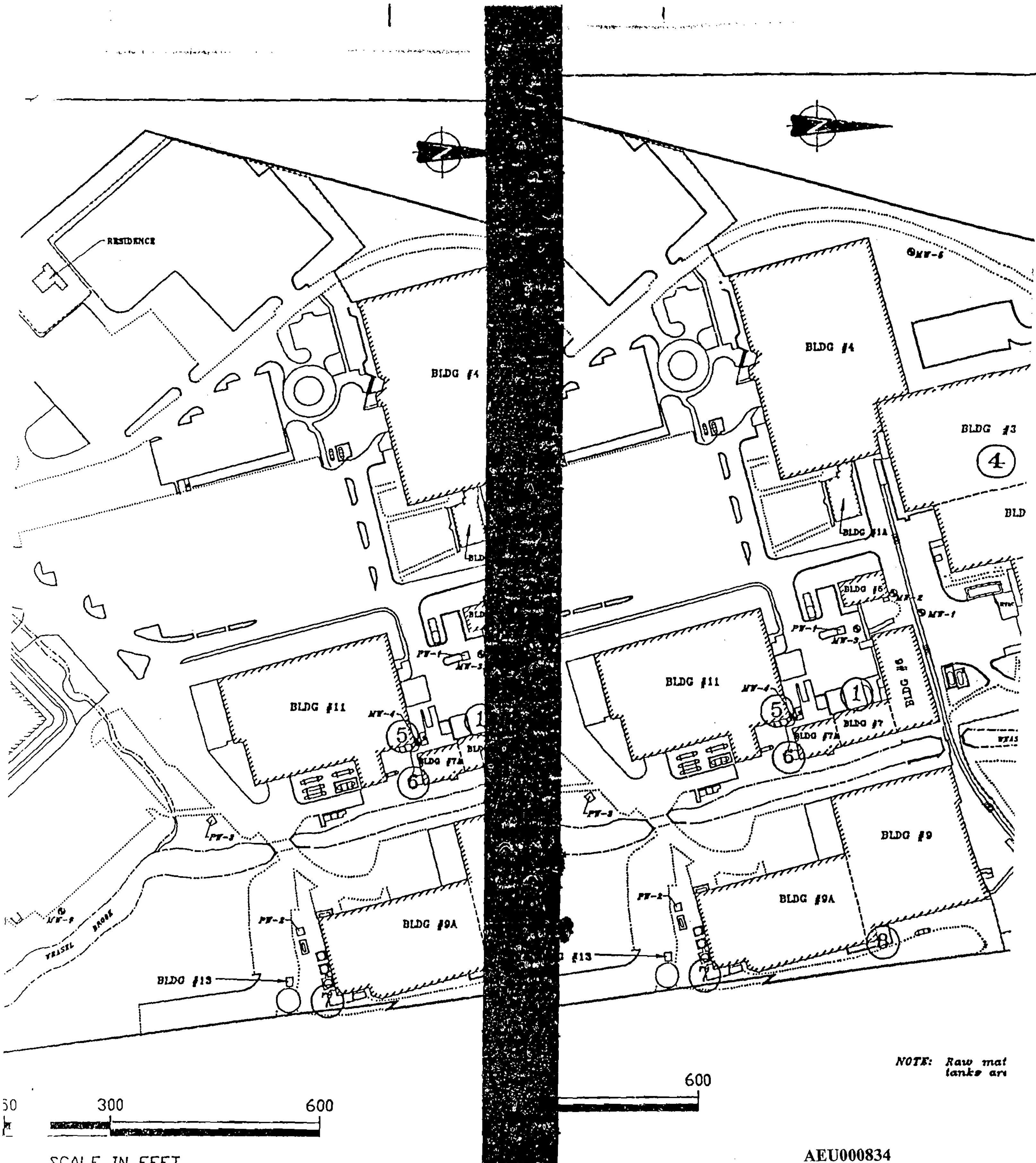
4.2.1 Drum Storage Areas

According to Shulton, drums of waste and raw materials were either stored on paved areas outdoors, in the buildings, on the roof of Bldg 3 or adjacent to interior areas of usage. Former drum storage areas at the Shulton Clifton site included: outdoor storage adjacent to Bldgs 6 and 7, interior storage in Bldg 10, outdoor storage adjacent to Bldg 16 and, rooftop and basement storage in Bldg 3. In addition, empty, used drums were at one time stored outside of Bldg 11 awaiting disposal to a drum reconditioner. The storage area immediately adjacent to Bldg 11 was not paved, although crushed stone was emplaced atop the soil. The former drum storage areas are discussed below.

- Small quantities of laboratory chemicals were used in the research and development departments and a variety of chemicals were used in Nitine's process operations. Raw and waste materials used in and generated from these activities were stored within, and on paved areas outside of, Bldgs 6 and 7 (Area 1 on Figure 4-1). The interior of Bldg 6 was inspected and sampled by the NJDEP in 1983 (see Attachment 5, Section 5.3).

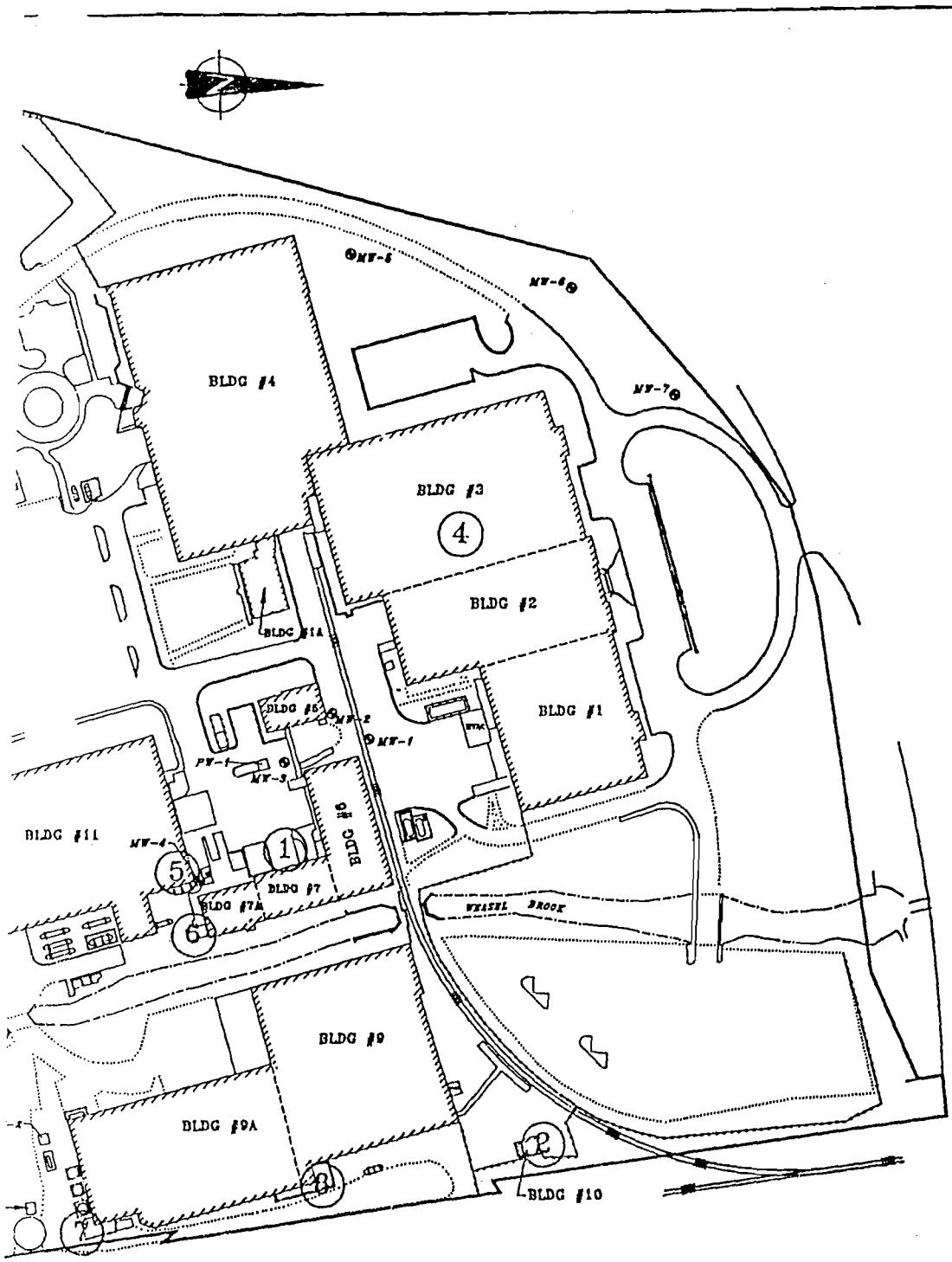
- Bldg 10 (Area 2 on Figure 4-1) was reportedly used for storage of flammable and/or combustible materials prior to 1970. Bldg 10 has a concrete floor, concrete walls and no floor drains. Bldg 10 also may





RESIDENCE
BLDG #4
BLDG #3
BLDG #1A
BLDG #11
BLDG #7
BLDG #7A
BLDG #9
BLDG #9A
BLDG #13
PW-1
PW-2
PW-3
MW-1
MW-2
MW-3
MW-4
MW-6
WEASEL BROOK
NOTE: Raw mat
tanks ar
300
600
SCALE IN FEET

AEU000834



NOTE: Raw materials stored in above ground storage tanks are provided on FIGURE 4-2.

FIGURE 4-1
AMERICAN CYANAMID CO./SHULTON INC. USA
CLIFTON, NEW JERSEY
STORAGE AREAS
(CURRENT AND HISTORIC)

Elson T. Killam Associates, Inc.
Environmental and Hydraulic Engineers
DATE
REVISION BRIEF
170401

Elson T. Killam Associates, Inc. CONTRACT No.

Killam

AMERICAN CYANAMID COMPANY/SHULTON, INC. U.S.A.
CLIFTON, NEW JERSEY

TABLE 4-3

STORAGE AREAS*

AREA ID	LOCATION	Materials Stored (Raw/Waste)	ACTIVE/ INACTIVE	PREVIOUS SAMPLING
1	Interior of and on paved areas outside of Bldg. 6 & 7	Materials assoc. with former Nitine operations; (raw and waste)	I	Interior of Bldg. 6 sampled (Attachment 5, Section 5.3)
2	Interior of Bldg 10 (concrete floor and no floor drains)	Flammables and Combustibles; (raw and waste)	I	N/A
3	Storage Pad East of to Bldg 16	Laboratory Chemicals (raw and waste)	I	RCRA Closure Sampling (Attachment 5, Section 5.2)
4	Bldg 3 rooftop & basement	Laboratory Chemicals/Solvents (raw and waste)	I	RCRA Closure Sampling (Attachment 5, Section 5.2)
5	Bldg 11 (north)	Empty, used drums of non-hazardous, non-regulated materials	I	Pre-ECRA Sampling (Attachment 6, Section 6.3)
6	Bldg 7A Veranda	Flammables (raw and waste)	A	RCRA Closure Sampling (Attachment 5, Section 5.2)
7	Bldg 9A (South)	Alcohols (raw)	A	Pre-ECRA Sampling (Attachment 6 Section 6.2)
8	Bldg 9/9A (East)	Hydraulic oil, (waste - recycled material, reused in process operations)	A	Excavation and Sampling 1988 (Attachment 5, Section 5.1)

*: Area ID corresponds to area numbers on Figure 4-1

AEU000836

have been used for testing of combustible products. A soil pile was noted north of (behind) Bldg 10. The pile appeared to consist of primarily soil and rock with some construction materials such as bricks and concrete. The pile was significantly vegetated. According to a representative of Shulton, the pile has been present in this location for over 20 years.

- For a brief time, the pad adjacent to Bldg 16 (Area 3 on Figure 4-1) was used for hazardous waste drum storage (primarily laboratory chemicals). For security reasons, however, the materials were later moved to the basement of Bldg 3. The storage pad adjacent to Bldg 16 was sampled as part of RCRA closure activities performed in 1988 (see Attachment 5, Section 5.2).

- The rooftop and basement storage pads in Bldg 3 (Area 4 on Figure 4-1) were sampled as part of RCRA closure activities performed in 1988 (see Attachment 5, Section 5.2).

- The area east of Building 11 (Area 5 of Figure 4-1) was reportedly used for storage of empty drums formerly containing non-hazardous, non-regulated materials. This area was sampled as part of the pre-ECRA sampling described in Attachment 6, Section 6.3.

At this time, three active drum storage areas are located at the Shulton Clifton site: an enclosed interior area in Bldg 7A, a fenced-in storage pad south of Bldg 9A and the concrete bermed area east of the Bldg 9/9A junction. The active drum storage areas are discussed below.

- A drum storage area is located in a veranda attached to Bldg 7A (Area 6 on Figure 4-1). The storage area is enclosed by fencing and underlain by a 11' x 12' concrete pad (reportedly approximately 5 inches thick). The area is accessed from inside the building, no exterior entrance was noted. According to Shulton personnel, flammable materials are stored

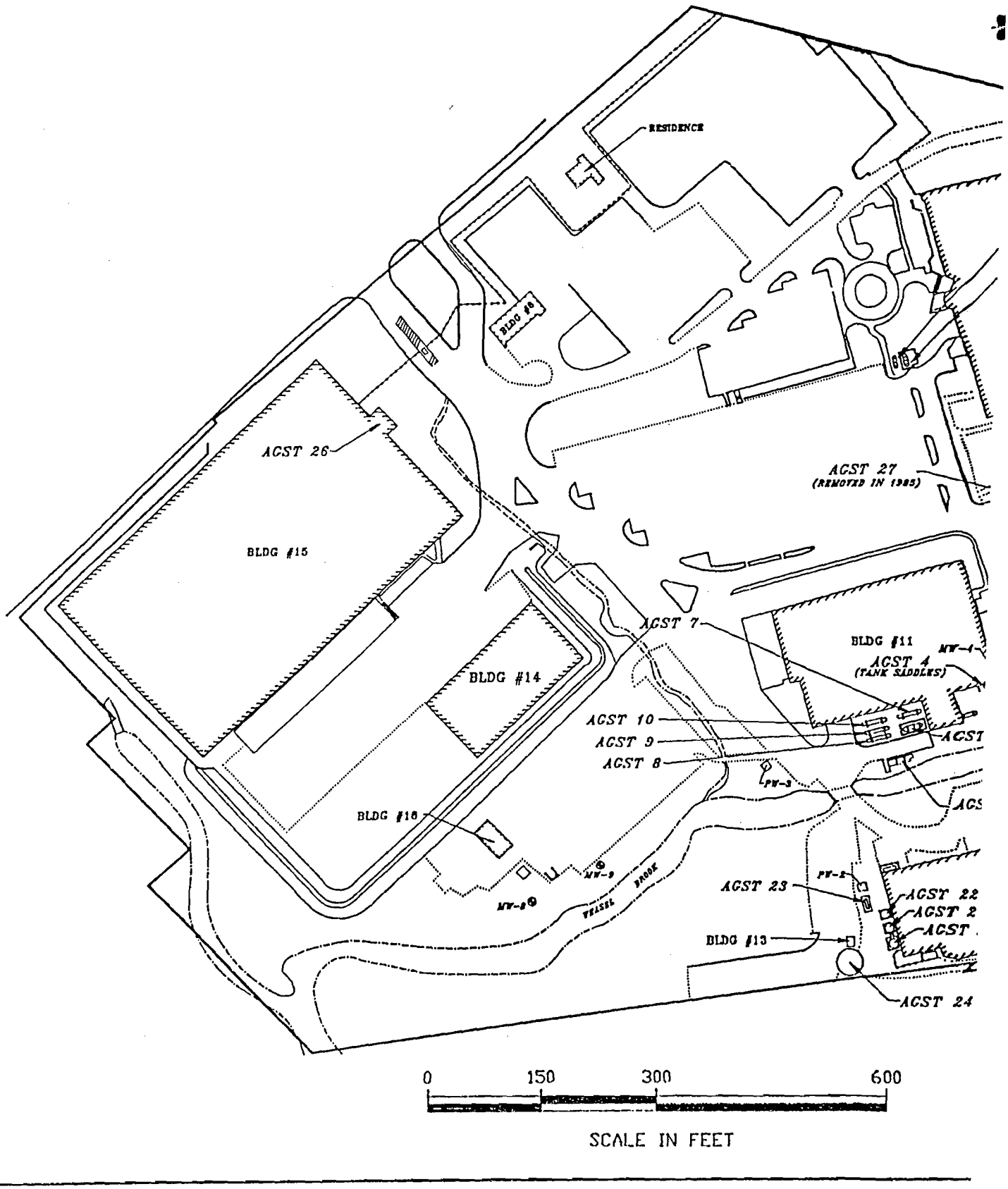
in this area. No staining of the underlying concrete was noted. Soil and rinsate samples were obtained from this area as part of RCRA closure activities in 1988 (See Attachment 5, Section 5.2).

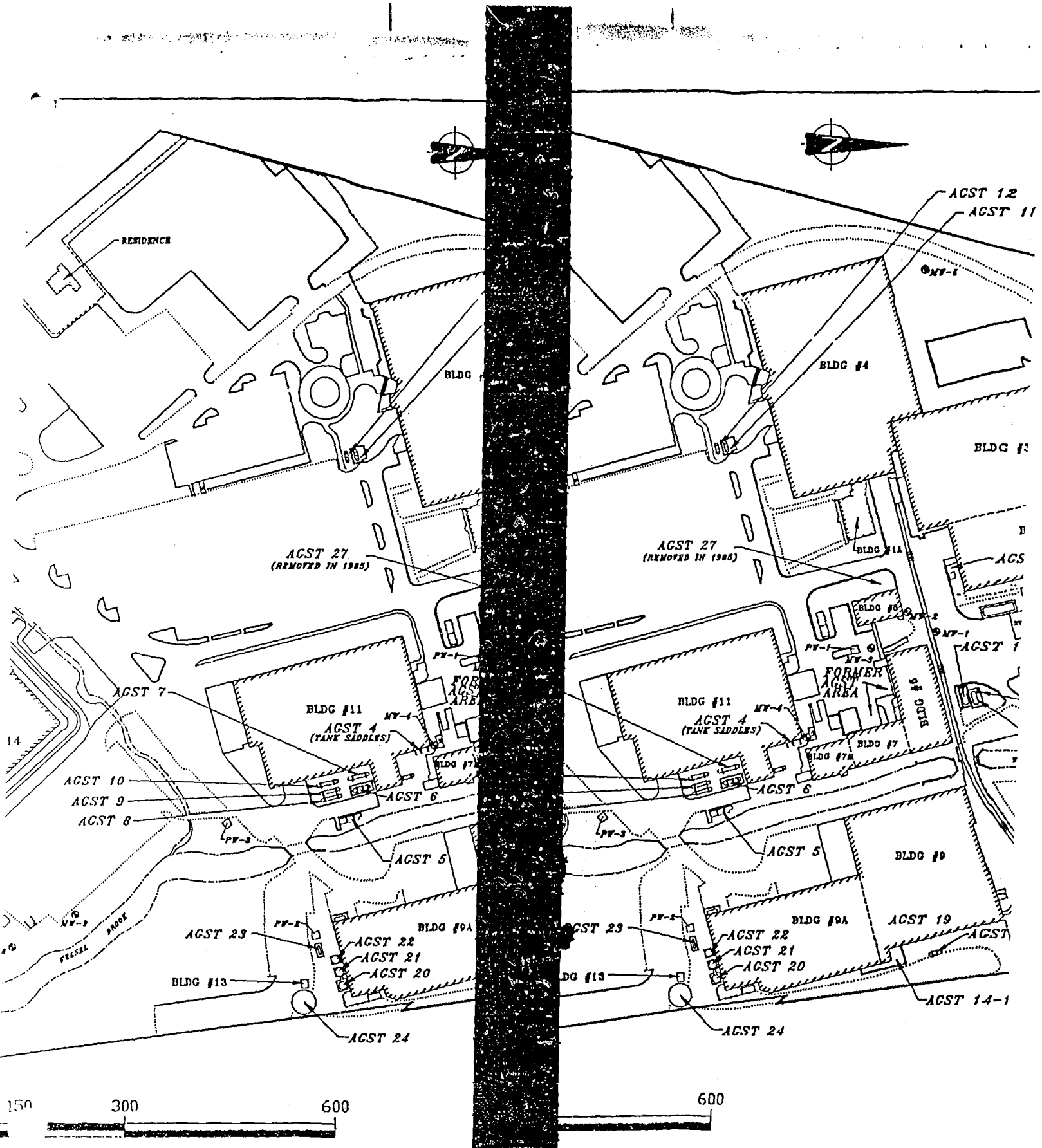
- A second drum storage area was noted south of Bldg 9A (Area 7 on Figure 4-1). The drum storage area is located outdoors and drums are stored upon a concrete pad. The storage pad is surrounded by a 6 foot chain link fence on all sides but one; this last side is protected by the wall of Bldg 9A. According to Shulton personnel, 55 gallon drums containing alcohols (specifically methanol) are typically retained in this area. Some staining of underlying concrete and surrounding soils was noted. This area was addressed as part of the pre-ECRA sampling described in Attachment 6, Section 6.2.

- A third active drum storage area was noted east of the Bldg 9/9A junction (Area 8 on Figure 4-1). This storage area was constructed in 1989 and consists of a concrete pad and concrete walls. No significant staining of the concrete was noted. Hydraulic oil is stored in above ground holding tanks in this area. The oil is recycled for re-use within the facility. (See Attachment 5, Section 5.1 for a description of historical sampling in this area.)

4.2.2 Above Ground Storage Tanks

A total of twenty AGSTs, three above ground silos and one above ground water storage tower are currently located at the Shulton Clifton site. The AGSTs contained (at one time) alcohol, chlorofluorocarbons (aerosols), fuel oil, propylene glycol, motor fuel, hydraulic oil, propane and silicone. Thirteen of the twenty AGSTs are currently in use. All other AGSTs are currently inactive. The locations of the tanks are shown on Figure 4-2 provided on the following page. Table 4-4 (following Figure 4-2) summarizes the capacity, contents (former and current), status and use, and corresponding Figure identification of each AGST.





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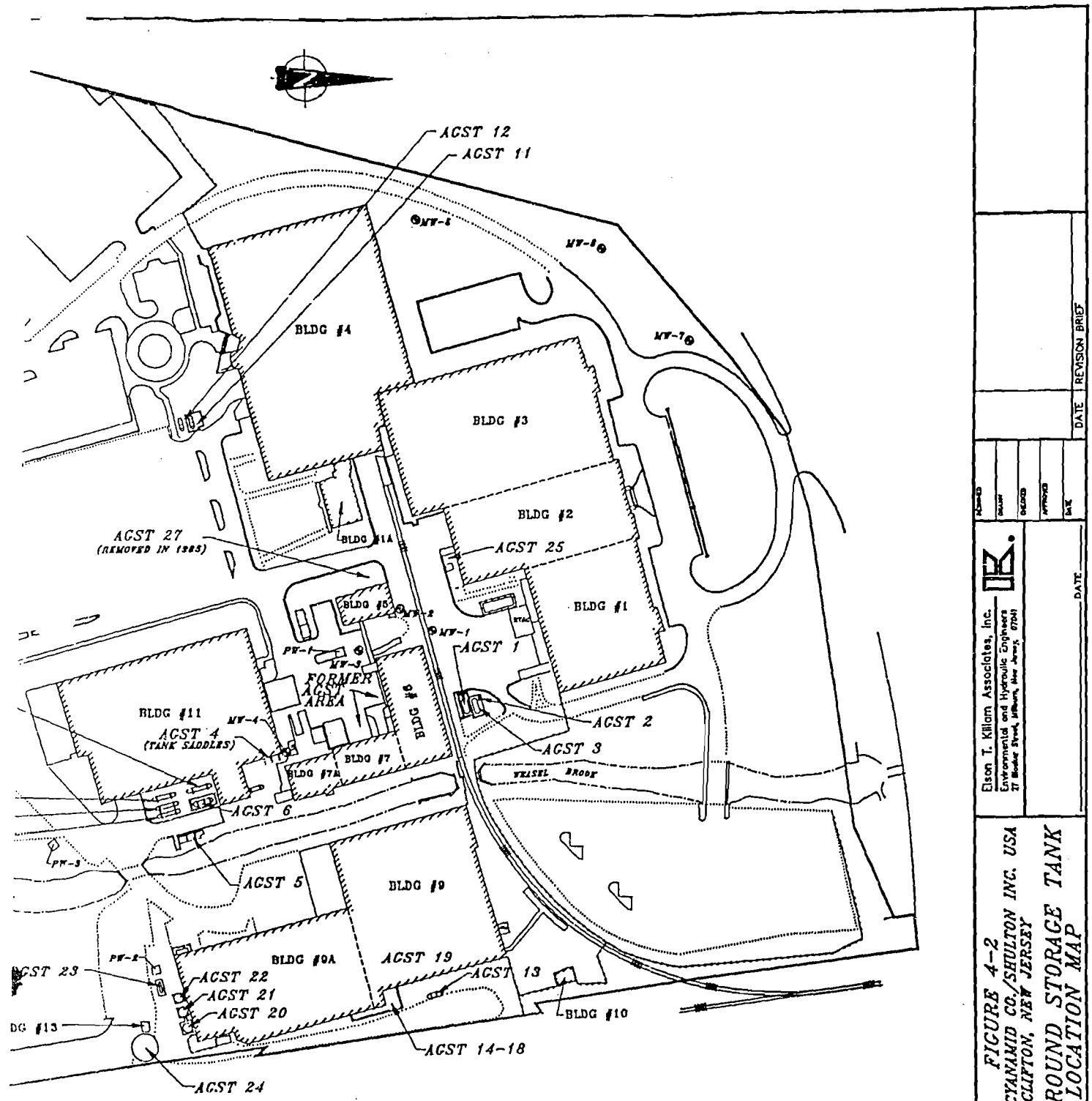


AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 4-4

ABOVE GROUND STORAGE TANK INFORMATION*

TYPE OF STORAGE UNIT	CAPACITY, CONSTRUCTION & SECONDARY CONTAINMENT	CURRENT & FORMER CONTENTS	STATUS & USE	LOCATION
AGST-1	5,000 gallons-steel Secondary containment	#2 Fuel Oil	Active-Backup Heating System	Rear of Bldg 1
AGST-2	275 gallons-steel Secondary containment	Diesel Fuel	Active-Motor Fuel	Rear of Bldg 1
AGST-3	7,500 gallons-steel Secondary containment	#2 Fuel Oil	Active-Backup Heating System	Rear of Bldg 1
AGST-4	5,000 gallons-steel No secondary containment	Hydrogen peroxide (former use)	Cleaned out and and moved to east of Bldg 9; now contains silicone (Now AGST 13)	East of Bldg 11
AGST-5	7,500 gallons-steel Secondary containment	SD Alcohol (former use)	Cleaned out and and moved to rear of Bldg 1; now contains #2 fuel oil (Now AGST 3)	East of Bldg 11 Adjacent to Weasel Brook
AGST-6	6,500 gallons-steel Secondary containment	40D Alcohol	Not In Use- Formerly Used in Perfume Production	East of Bldg 11
AGST-7	5,000 gallons-steel No secondary containment	Chlorofluorocarbons and #2 fuel oil	Not In Use- last use for #2 fuel oil	East of Bldg 11
AGST-8	5,000 gallons-steel secondary containment	Chlorofluorocarbons and #2 fuel oil	Not In Use- last use for #2 fuel oil	East of Bldg 11

AEU000842

AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 4-4

ABOVE GROUND STORAGE TANK INFORMATION*
(continued)

TYPE OF STORAGE UNIT	CAPACITY, CONSTRUCTION & SECONDARY CONTAINMENT	CURRENT & FORMER CONTENTS	STATUS & USE	LOCATION
AGST-9	5,000 gallons-steel No secondary containment	Chlorofluorocarbon/ and #2 fuel oil	Not In Use- last use for #2 fuel oil	East of Bldg 11
AGST-10	5,000 gallons-steel No secondary containment	Chlorofluorocarbons aerosol (former)	Not In Use- last use for #2 fuel oil	East of Bldg 11
AGST-11	5,000 gallons-steel Secondary containment	39C Alcohol	Not In Use-Empty	South of Bldg 4
AGST-12	5,000 gallons-steel No secondary containment	Propylene Glycol	Not In Use-Empty	South of Bldg 4
AGST-13	5,000 gallons-steel No secondary containment	Silicone	Active - Antiperspirant Production	East of Bldg 9
AGST-14	1,000 gallons-steel Secondary containment for storage area	Hydraulic Oil	Active - Recycled on-site, reused in process operations	East of Bldg 9/9A
AGST-15	5,000 gallons-steel	Hydraulic Oil	Active - Recycled on-site, reused in process operations	East of Bldg 9/9A
AGST-16	1,000 gallons-steel-portable	Hydraulic Oil	Active - Recycled on-site, reused in process operations	East of Bldg 9/9A
AGST-17	1,000 gallons-steel-portable	Hydraulic Oil	Active - Recycled on-site, reused in process operations	East of Bldg 9/9A

AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 4-4

ABOVE GROUND STORAGE TANK INFORMATION*
(continued)

TYPE OF STORAGE UNIT	CAPACITY, CONSTUCTION & SECONDARY CONTAINMENTE	CURRENT & FORMER CONTENTS	STATUS & USE	LOCATION
AGST-18	1,000 gallons-plastic-portable	Hydraulic Oil	Active - Recycled on-site, reused in process operations	East of Bldg 9/9A
AGST-19	Combined capacity - 10,000 gallons	Silicone	Active-Antiperspirant Production	Interior of Bldg 9
AGST-20 (Silo)	60,000 gallons - (two stacked silo units)	Polypropylene pellets	Active-Plastics Production	South of Bldg 9A
AGST-21 (Silo)	200,000 gallons	High Impact Polystyrene pellets	Active-Plastics Production	South of Bldg 9A
AGST-22 (Silo)	50,000 gallons	Low Density Polyethylene pellets	Active-Plastics Production	South of Bldg 9A
AGST-23	194 gallons-steel	Propane	Active-Flame Treater	South of Bldg 9A
AGST-24 (Water Tower)	15,000 gallons	Water	Active-for fire protection	South of Bldg 9A
AGST-25	275 gallons-steel Secondary containment	Diesel Fuel	Active-diesel generator	South of Bldg 2
AGST-26	275 gallons-steel Secondary containment	Diesel Fuel	Active-pump for fire protection	North of Bldg 15
AGST-27	550 gallon-steel No secondary containment	fuel oil	Removed in 1985	West of Bldg 5

AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 4-4

ABOVE GROUND STORAGE TANK INFORMATION*
(continued)

TYPE OF STORAGE UNIT	CAPACITY, CONSTUCTION & SECONDARY CONTAINMENTE	CURRENT & FORMER CONTENTS	STATUS & USE	LOCATION
Former AGST Area	Unknown number and sizes - steel tanks	Materials associated with former Nitine operation	Ceased to use area in approximately 1971	South of Bldg 6 and west of Bldg 7

*: AGST Number corresponds to designations presented on Figure 4-2

AEU000845

Three of the active tanks are located in a concrete diked area behind Bldg 1. These tanks contain fuel oil (one 7,500 gallon tank and one 5,000 gallon tank) and diesel oil (one 275 gallon tank). The fuel oil tanks are used in the emergency back-up heating system. Two active AGSTs, one inside and one east of Bldg 9, have capacities of 10,000 and 5,000 gallons respectively and contain silicone for use in process operations.

Five active AGSTs are located within the concrete containment area located east of the junction of Bldgs 9 and 9A. These tanks are used in the recycling of hydraulic oil; two of the tanks are stationary with capacities of 1,000 gallons and 500 gallons and three are portable with capacities of 1,000 gallons each.

Two active AGSTs contains diesel fuel and have capacities of 275 gallons each. One of these tanks is located at the northeastern end of Bldg 15 and is used to fuel a water pump associated with fire protection equipment. The other tank is located south of Bldg 2 and is used in conjunction with an emergency generator. The final active AGST on site is located south of Bldg 9A and is used to store propane.

The three storage silos on site are located south of Bldg 9A and contain pellets of high impact polystyrene, polypropylene and low density polyethylene. All three silos are active. The single above ground storage tower is located south of Bldg 9A and contains water used for fire protection. The locations of the storage silos and water tower also are presented on Figure 4-2, and pertinent information is included on Table 4-4.

A 550 gallon above ground storage tank was formerly located west of Bldg 5. According to representatives of Shulton, this tank contained fuel oil and was removed in 1985. Information regarding tank removal activities is included in Attachment 5, Section 5.4.

A 5,000 gallon AGST containing hydrogen peroxide was formerly located east of Bldg 11. This tank was cleaned out and is currently located east of Bldg 9. The tank now contains silicone.

A 7,500 gallon AGST was formerly located east of Bldg 11, adjacent to Weasel Brook. The tank formerly contained ethyl alcohol. The AGST was cleaned out and moved to the rear of Bldg 1. The tank currently contains #2 fuel oil. The locations of former AGSTs also are included on Figure 4-2, and pertinent information regarding same is included on Table 4-4.

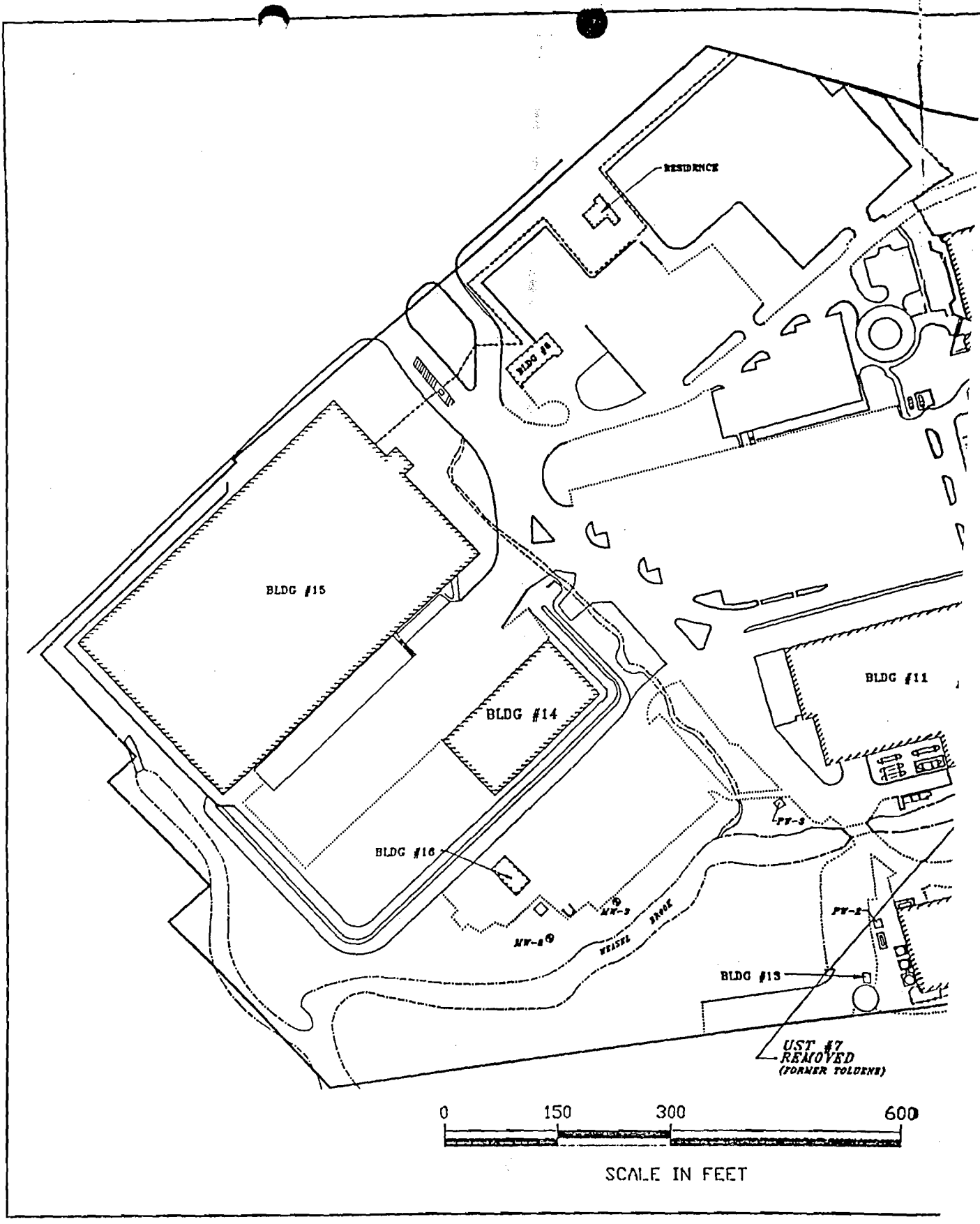
4.2.3 Underground Storage Tanks

No USTs are currently located at the Shulton Clifton facility. According to Shulton representatives, six USTs were located near Bldg 5; two west of Bldg 5 and four north and northeast of Bldg 5. The two USTs located west of Bldg 5 had capacities of 1,000 gallons and 550 gallons and contained gasoline and diesel fuel respectively. Both tanks were removed in 1985. Excavation information is provided in Attachment 5, Section 5.4.

In regard to the four other USTs; two had capacities of 10,000 gallons and contained #2 fuel oil; one had a capacity of 30,000 gallons and also contained #2 fuel oil; and one had a capacity of 10,000 gallons and contained ethyl alcohol. The four tanks were removed in 1988. The details of the tank removals, sampling and subsequent groundwater investigation are discussed in Attachment 5, Section 5.4.

Further, at one time, two additional USTs were reportedly located west of Bldg 7 beneath the current location of Bldg 7A. Both USTs had a capacity of 5,000 gallons and contained toluene used in process operations. Both tanks were removed prior to the construction of Bldg 7A in 1980.

The former locations of the referenced USTs are presented on Figure 4-3 and pertinent information is included on Table 4-5, following Figure 4-3.



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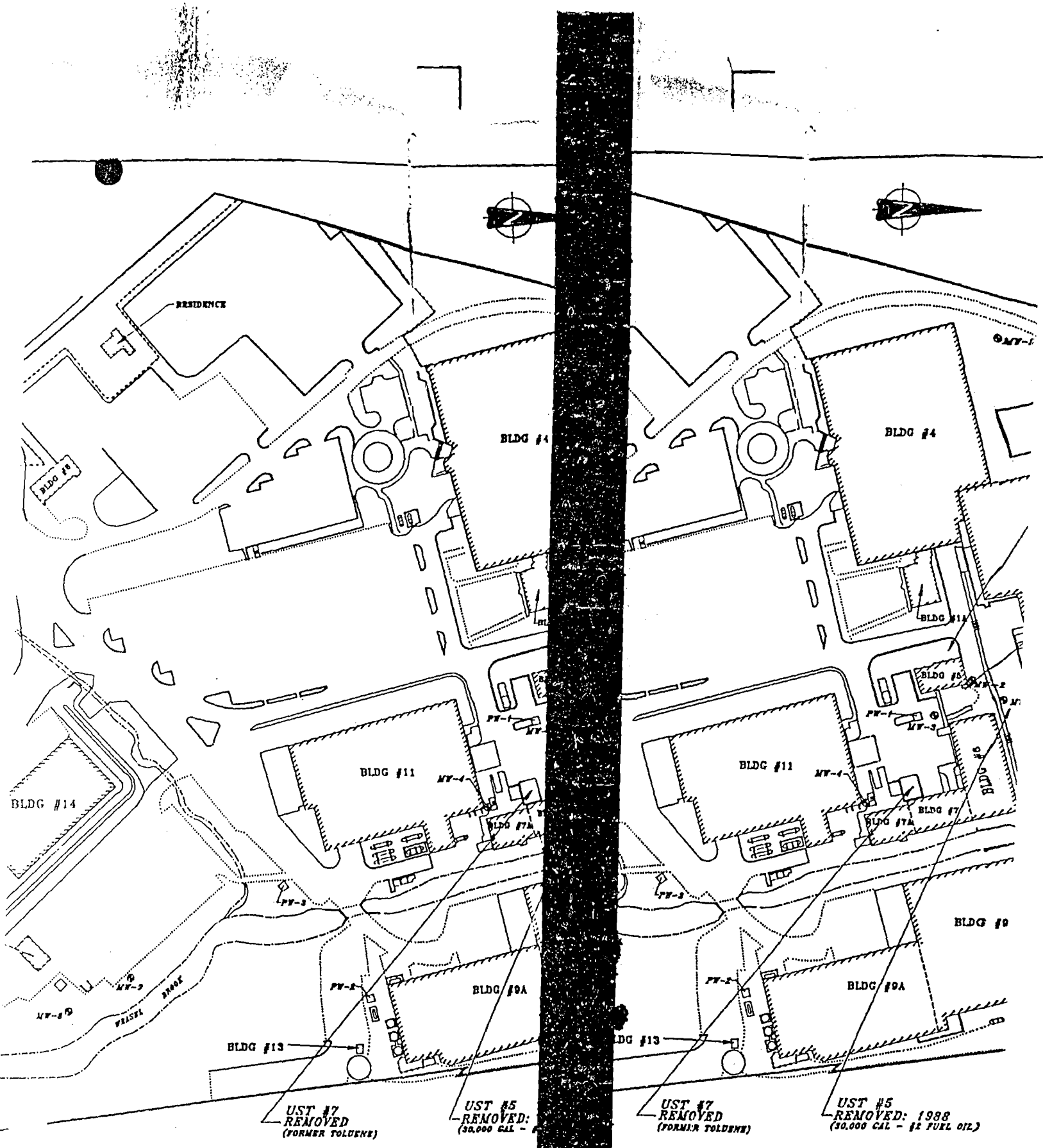

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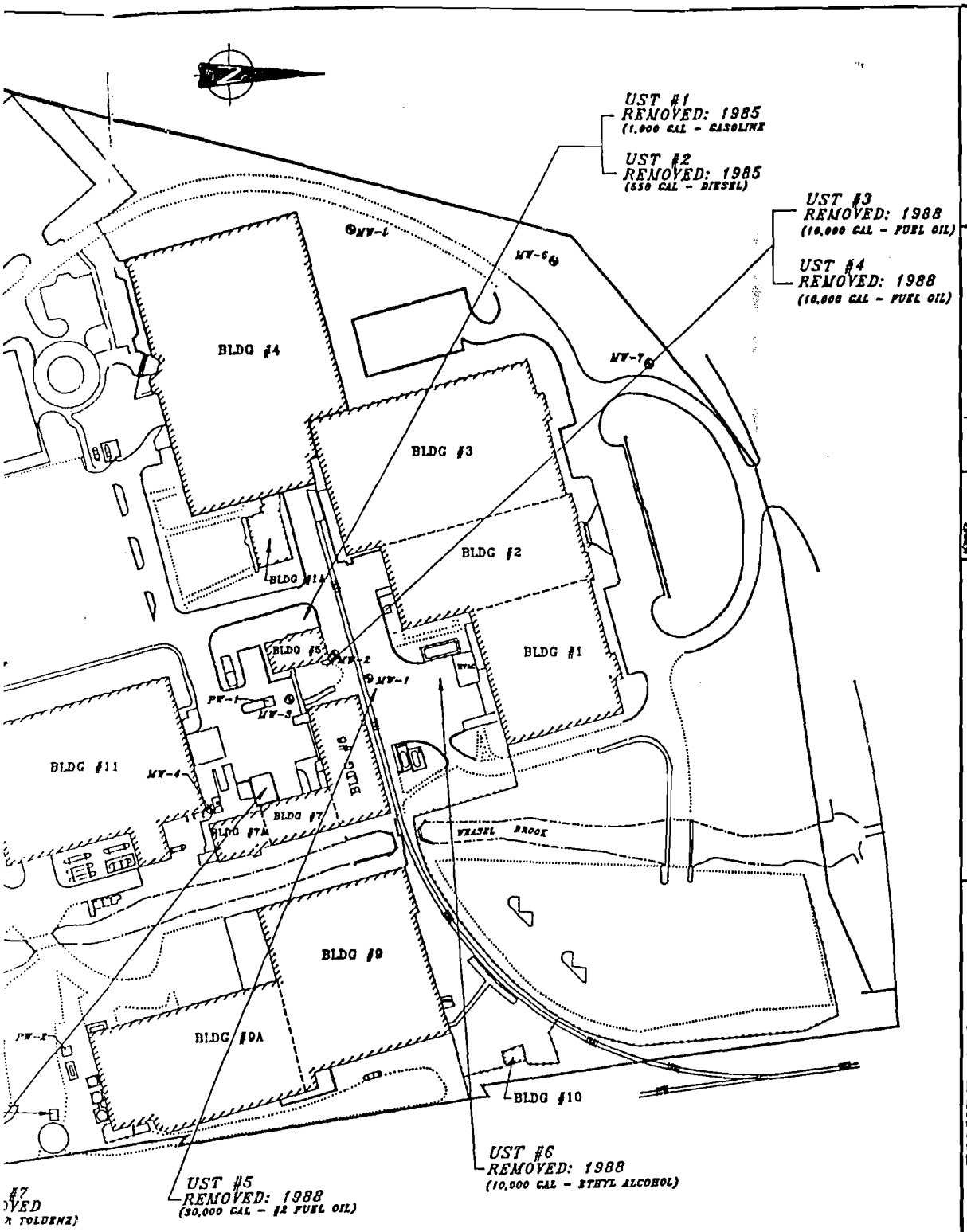


AEU000850

FIGURE 4-3
AMERICAN CYANAMID CO./SHULTON INC. USA
CLIFTON, NEW JERSEY
UNDERGROUND STORAGE TANK
LOCATION MAP

Elson T. Killam Associates, Inc.
Environmental and Hydraulic Engineers
DATE
REVISION BRIEF
170401

Elson T. Killam Associates, Inc. CONTRACT No.

TIERRA-D-026316

AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 4-5

FORMER UNDERGROUND STORAGE TANK INFORMATION*

TYPE OF STORAGE UNIT	CAPACITY AND CONSTRUCTION TYPE	FORMER CONTENTS	SAMPLING AND REMOVAL ACTIONS	LOCATION
UST-1	1,000 gallons - steel	Gasoline	Removed in 1985; No soil sampling, Attachment 5, Section 5.4	West of Bldg 5
UST-2	550 gallons - steel	Diesel fuel	Removed in 1985; No soil sampling: Attachment 5, Section 5.4	West of Bldg 5
UST-3	10,000 gallons - steel	#2 Fuel oil	Removed in 1988; Soil sampling and groundwater investigation: Attachment 5, Section 5.4	East of Bldg 5
UST-4	10,000 gallons - steel	#2 Fuel oil	Removed in 1988; Soil sampling and groundwater investigation: Attachment 5, Section 5.4	East of Bldg 5
UST-5	30,000 gallons - fiberglass	#2 Fuel oil	Removed in 1988; Soil sampling and groundwater investigation: Attachment 5, Section 5.4	North of Bldgs 5 and 6

AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 4-5

FORMER UNDERGROUND STORAGE TANK INFORMATION*
(continued)

TYPE OF STORAGE UNIT	CAPACITY AND CONSTRUCTION TYPE	FORMER CONTENTS	SAMPLING AND REMOVAL ACTIONS	LOCATION
UST-6	10,000 gallons - steel	Ethyl alcohol	Removed in 1988; Attachment 5, Section 5.4	South of Bldg 1 and electric pad
UST-7&8	5,000 gallons	Toluene	No sampling Pre-ECRA groundwater investigation: Attachment 6, Section 6.4	West of Bldg 7/7A

*: UST Number corresponds to designations presented on Figure 4-3

AEU000852

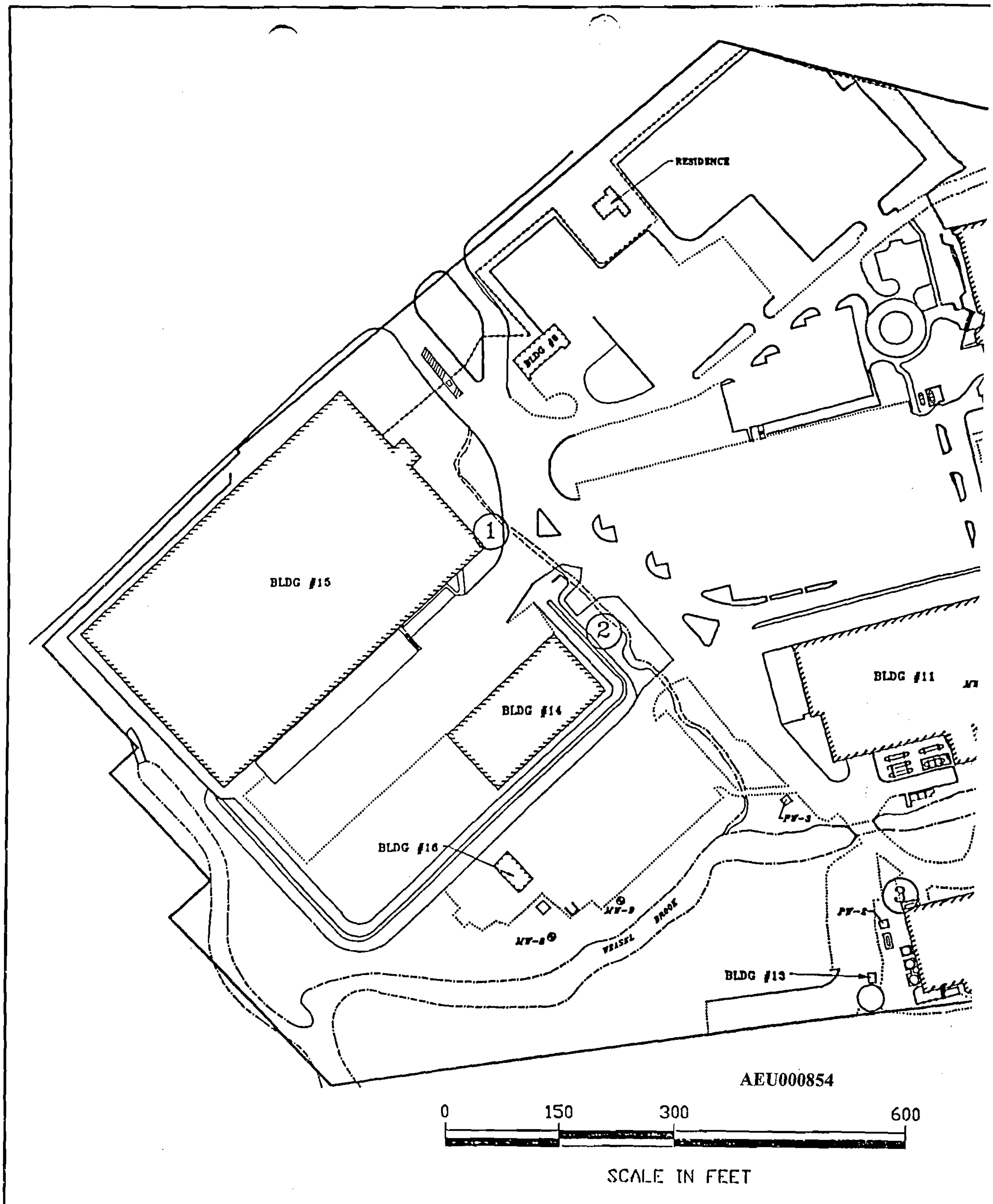
4.3 Transformers

Seven transformer units (pole-mounted and ground level) are located at the Shulton site. The two pole-mounted transformer units (one located north of Bldg 15 and one north of Bldg 14) are owned and maintained by Public Service Electric and Gas Company (PSE&G). Other transformer units owned by PSE&G include ground level units located west of Bldg 9A, in the basement of Bldg 1 and south of Bldg 5. Two additional ground level transformer units (located south of Bldg 1) are owned and maintained by American Cyanamid Company. According to representatives of American Cyanamid Company, the on-site transformer units are assumed to be non-PCB or PCB contaminated. The locations of the transformer units are presented on Figure 4-4 and PCB status information and ownership information are included on Table 4-6 included in this Attachment. Documentation of the PCB status of the transformers is included in Appendix C.

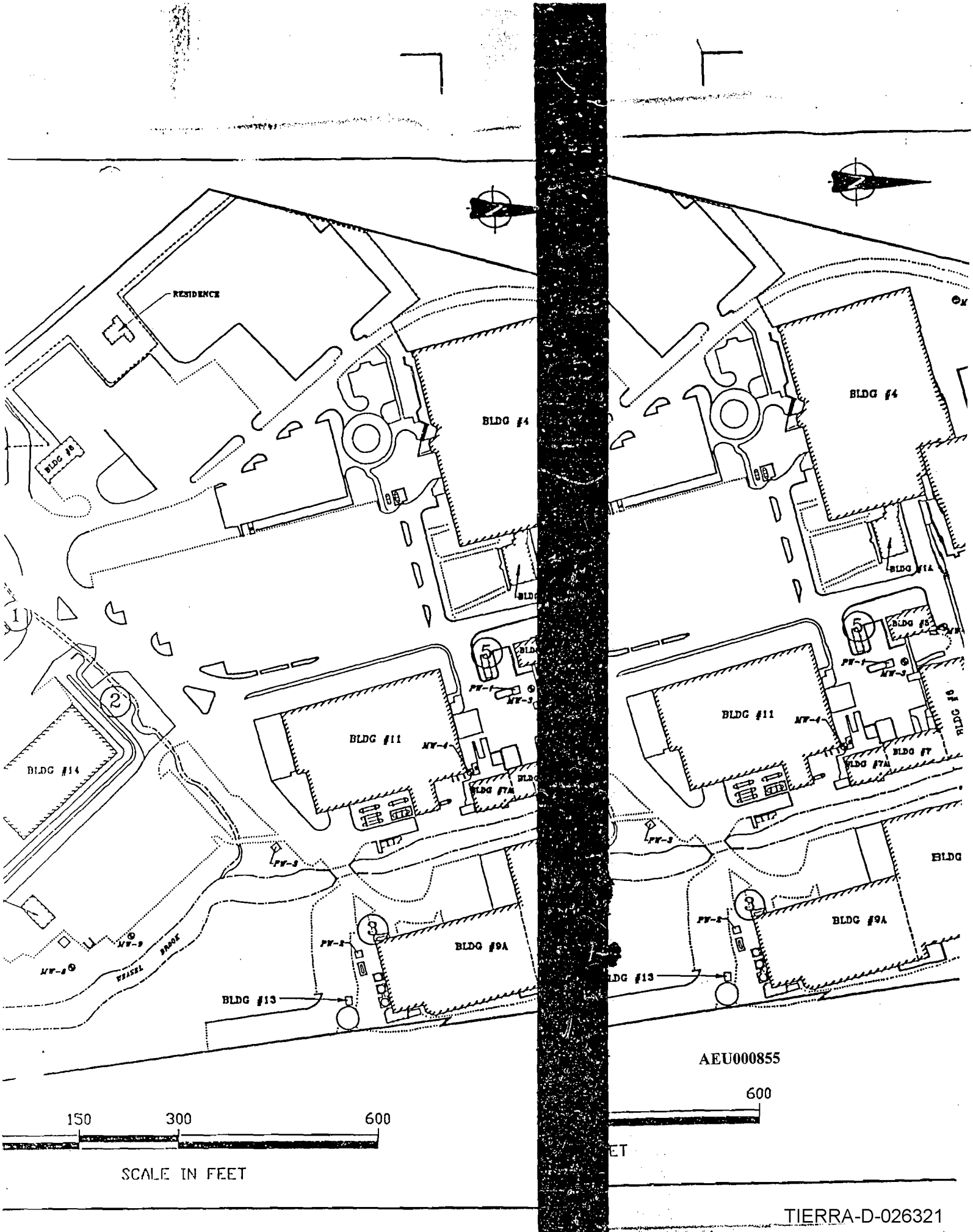
Shulton provided a manifest dated July 19, 1987 and issued by the Pennsylvania Department of Environmental Resources. The manifest detailed the disposal of one transformer (a former PCB containing unit) and associated liquid from the Shulton Clifton site. The transformer was disposed of at SCA, Model City, New York and the liquid was disposed of at SCA, Inc., Chicago, Illinois. A certificate of destruction dated August 9, 1987 from SCA Chemical Services accompanied the manifest. Reportedly, the documentation is associated with a transformer previously located behind Bldg 5. The transformer was replaced with a non-PCB unit. The disposal documentation is included in Appendix C.

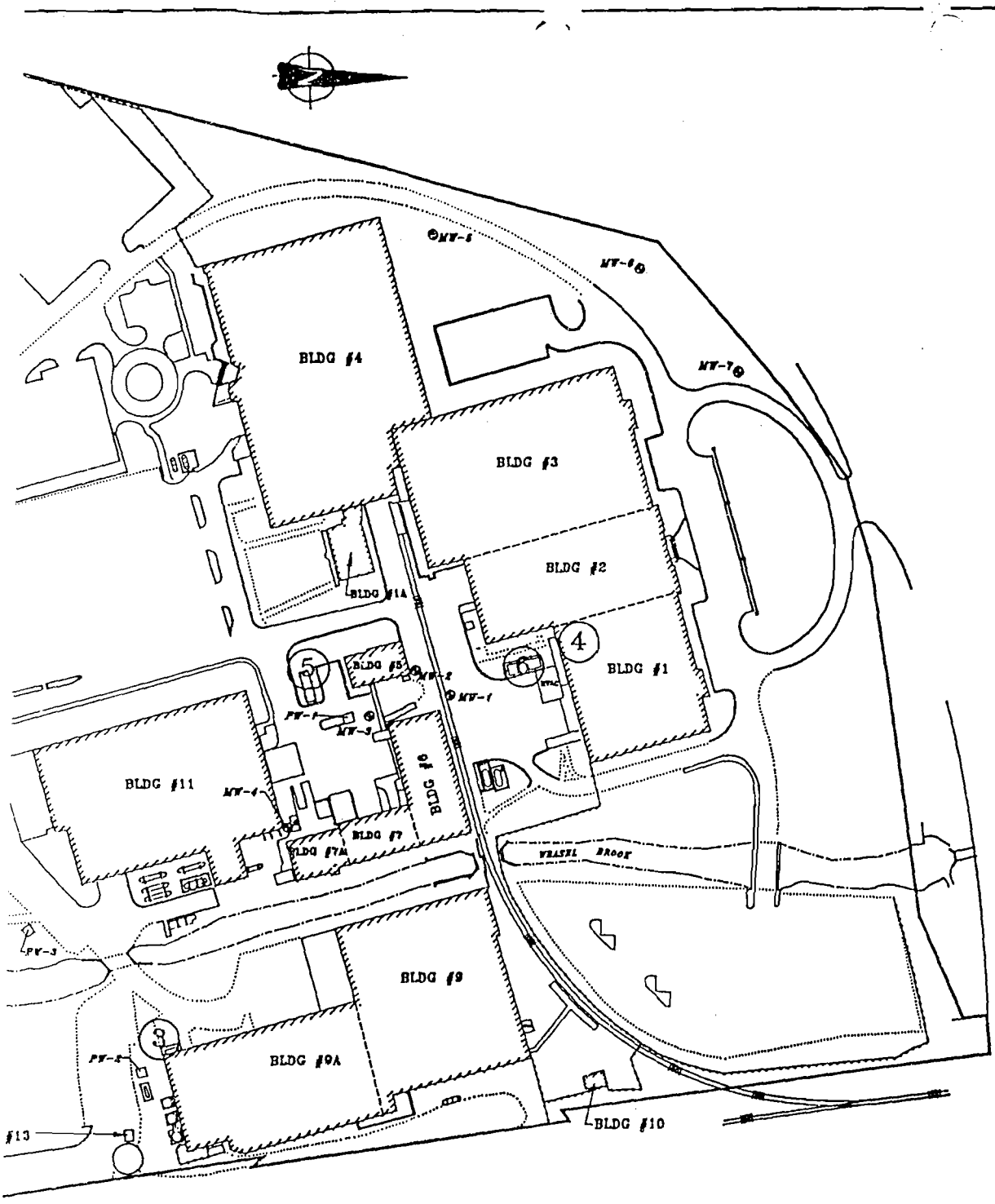
4.4 Asbestos Containing Materials

The Shulton site addresses asbestos in the buildings whenever the material is threatened to be disturbed, either through repairs, renovations or general decay. The site employs a trained asbestos abatement technologist and, in cases of large scale removal, retains an outside firm. Asbestos is bagged, drummed and then stored awaiting disposal in a caged area of the basement of Bldg 2. Two asbestos remediation projects were initiated


RESIDENCE
BLDG #15
BLDG #14
BLDG #11
BLDG #16
BLDG #13
1
2
3
PW-3
PW-2
MW-9
MW-8
WEASEL BROOK
0
150
300
600
SCALE IN FEET

AEU000854


RESIDENCE
BLDG #4
BLDG #6
BLDG #11
MW-4
BLDG #7A
BLDG #14
PW-1
MW-3
PW-2
BLDG #9A
BLDG #13
MW-5
MW-6
WEASEL BROOK
150
300
600
SCALE IN FEET
AEU000855
TIERRA-D-026321



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600

FIGURE 4-4
AMERICAN CYANAMID CO./SHULTON INC. USA
CLIFTON, NEW JERSEY
TRANSFORMER LOCATION MAP

Elson T. Killam Associates, Inc.
Environmental and Hydraulic Engineers
27 Bleeker Street, Millburn, New Jersey 07041

DATE | REVISION BRIEF

170401

Elson T. Killam Associates, Inc.

TIERRA-D-026322

Killam

AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 4-6

TRANSFORMER INFORMATION*

TRANSFORMER ID	SITE LOCATION AND TYPE OF UNIT	OWNERSHIP	PCB STATUS
1	North of Bldg 15 Pole Mounted	PSE&G	Assumed PCB Contaminated
2	North of Bldg 14 Pole Mounted	PSE&G	Assumed PCB Contaminated
3	West of Bldg 9A Ground Level	PSE&G	Assumed PCB Contaminated
4	Basement of Bldg 1 Ground Level	PSE&G	Assumed PCB Contaminated
5	South of Bldg 5 Ground Level	PSE&G	Assumed PCB Contaminated
6	South of Bldg 1 Ground Level (2 units)	American Cyanamid Company	Assumed non-PCB**

PCB: Polychlorinated biphenyls
PCB contaminated: PCB concentrations of greater than 50 ppm but less than 500 ppm.
*: Information obtained from Shulton representatives.
**: Analytical testing of transformer fluid currently in progress.

AEU000857

and completed in 1990. Both projects were in regard to asbestos containing material (ACM) in Bldg 1. In the first project, ACM was removed from a steam driven centrifugal chiller. The machine and all indirect chilling lines have been re-insulated with fiberglass. The second remediation project involved removal of ACM from the "hot room" in Bldg 1. The hot room is an area containing steam condensate equipment and piping and a hot water storage tank. ACM was removed and replaced with fiberglass. F. Grisez and Sons of Paterson, New Jersey was contracted to perform the ACM removal services.

According to Shulton representatives, potential ACM may be present in other site buildings including, but not limited, to the dirt cellar in Bldg 3, Bldg 6 and Bldg 11 on hot water piping insulation. American Cyanamid Company is updating an ACM survey to identify all potential asbestos containing materials on site. Friable asbestos is reportedly located in an area of the basement "hot room" of Bldg 6. Shulton is currently in the process of remediating ACM located in this area. Table 4-7, summarizes pertinent information regarding ACM at the Shulton site.

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AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 4-7

ASBESTOS INFORMATION*

BUILDING ID	PRESENCE OF KNOWN FRIABLE ACM (YES/NO)	EQUIPMENT OR BUILDING AREA	RESOLUTION
1	Yes	Centrifugal Chiller	Removal of ACM in 1990 by F. Grisez & Sons
		Hot Room	Removal of ACM in 1990 by F. Grisez & Sons
2	No	N/A	N/A
3	No (Potential)	Dirt Cellar	Potential ACM has not yet been evaluated, limited access
4	No	N/A	N/A
5	No	N/A	N/A
6	Yes	Basement Hot Room	Remediation for 1991
7	No	N/A	N/A
8	No	N/A	N/A
9	No	N/A	N/A
10	No	N/A	N/A
11	No	N/A	N/A
14	No	N/A	N/A
15	No	N/A	N/A

*: Information provided by representatives of Shulton. An ACM survey is scheduled to be performed in 1991 to verify this information

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ATTACHMENT 5: DISCHARGE AND SAMPLING HISTORY

AEU000860

SHULTON
ECRA - Site Evaluation Submission
April 1991

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ATTACHMENT 5: DISCHARGE AND SAMPLING HISTORY

5.0 Miscellaneous Spills/Discharges

The Shulton files referenced a few spills/discharges of lubricants and other oil-type materials over the years. Approximate locations of historic spills/discharges are presented on Figure 5-1 and pertinent information regarding same is included on Table 5-1. The pertinent facts of occurrences reported to NJDEP are discussed briefly below.

Shulton contacted the Passaic Valley Sewerage Commission (PVSC) and the Clifton Board of Health to report a spill of between 25 and 50 gallons of fuel oil east of Bldg 5 on December 27, 1982. The spill was due to overfilling of one of the two 10,000 gallon underground fuel oil tanks existing on site at the time. The oil discharged onto the macadam and traveled toward the storm drain near Bldg 7A. The storm drain discharges into Weasel Brook. Shulton contacted New England Pollution Control to address the spill. New England Pollution Control installed a floating dike in Weasel Brook and used a number of sorbent pads to control the discharge within one hour of the spill.

Shulton contacted the NJDEP-Division of Hazardous Waste Management on July 26, 1984 to report water carrying oil slicks and other miscellaneous debris flowing onto the northeast section of the Shulton property (north and east of Bldg 10) from the Parkway Iron & Steel Company facility (a scrap metal yard). The Parkway Iron & Steel Company facility is located beyond the railroad tracks immediately east of the Shulton facility. According to Shulton representatives, discharges from the Parkway Iron & Steel Company occurred frequently over the years and may have deposited oil laden water onto the area north and northeast of Bldg 10.

PLEASE NOTE:

5-2 MISSING FROM THE ORIGINAL
MICROFILM AT THE NJDEP

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AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 5-1

HISTORIC SPILLS/DISCHARGES INFORMATION*

MAP ID	DESCRIPTION OF EVENT AND RESOLUTION (IF APPLICABLE)	DATE	TEXT REFERENCES
1	Discharge of 25 to 50 gal. of fuel oil east of Bldg 5 Due to overfilling of one 10,000 gallon UST. Site and outside contractor contained spill.	12/27/82	Attachment 5, Section 5.0
2	Water carrying oil slicks miscellaneous debris from Parkway Iron & Steel Co. Site intiated cleanup upon events. Addressed in Pre-ECRA sampling program.	numerous	Attachment 5, Section 5.0 Attachment 6, Section 6.1
3	Upstream discharges into Weasel Brook.	numerous	Attachment 5, Section 5.0
4	Bldg 9/9A Hydraulic Oil Spill. Soil excavation and sampling.	11/16/88	Attachment 5, Section 5.1
5	Former 1,000 and 550 gallon UST. Removed in 1985.	1985	Attachment 4, Section 4.2 and Attachment 5, Section 5.4
6	Former 10,000 gallon USTs containing fuel oil. Removed in 1988. Soil sampling and groundwater investigation.	1988	Attachment 4, Section 4.2 and Attachment 5, Section 5.4

*: Map ID numbers correspond to designations presented on Figure 5-1

Numerous incidents were reported to the NJDEP and the PVSC by Shulton regarding the presence of various types of debris including oil-type materials in Weasel Brook originating from points beyond the Route 46 overpass (the upstream limit of the Shulton site). Two specific incidents were referenced in the files dated December 3, 1987 and January 18, 1988. As with the Parkway Steel & Iron Company facility discharges, such occurrences were noted frequently over the years.

5.1 Bldg 9/9A Hydraulic Oil Spill Cleanup and Sampling

Shulton recycles hydraulic oil for re-use in its manufacturing processes in Bldg 9/9A. Shulton maintains an above ground holding tank containing hydraulic oil at the rear of Bldg 9/9A atop a concrete pad.

On November 16, 1988 hydraulic oil was accidently discharged from the holding tank onto the underlying concrete pad. Hydraulic oil was observed flowing over the pad and contacting adjacent soils before containment efforts could be initiated. Per the records maintained by Shulton, between 100 and 200 gallons of hydraulic oil was spilled.

The contaminated soil surrounding the concrete pad was consequently excavated on November 25, 1988 and post-excavation samples were obtained and analyzed for petroleum hydrocarbons (PHC) and cadmium. Due to elevated levels of PHC and cadmium (above respective ECRA guidelines), an additional excavation was performed in December 1988 accompanied by further sampling and analysis for PHC. PHC results ranged from 630 ppm to 15,000 ppm. Additional samples were obtained in January of 1989 and analyzed for PHC and cadmium. The results indicated levels of PHC ranging from 51 ppm to 31,000 ppm and levels of cadmium ranging from 6.7 ppm to 9.2 ppm. Based on the analytical results, a third excavation was initiated on March 14, 1989 and extended to a total depth of 3.5 feet below grade. Excavation activities were terminated upon encountering weathered bedrock. Soil agitation tests were performed and indicated

some residual PHC contamination remained. Post-excavation samples were obtained of the weathered bedrock and analyzed for PHC and cadmium.

Cadmium was not detected in the final samples obtained. PHC results ranged from 480 ppm to 4,500 ppm. As the excavation could be advanced no further than bedrock, the excavation was backfilled and both the former storage pad and the excavated area were capped with a concrete containment area. The matter was reported to the NJDEP at the time of the discharge event and a final resolution letter summarizing remedial efforts and sampling was issued to the NJDEP-Division of Hazardous Waste Management on April 26, 1989. The soil generated from the excavation activities (approximately 260 cubic yards) was disposed of at the Modern Landfill in Model City, New York. Soil disposal manifests are included in Appendix D.

The currently existing concrete containment area (pad and dike) consists of three foot high concrete walls and a concrete floor. Accumulated rain water is pumped into barrels. The containment area was installed in 1989 in response to the hydraulic oil spill. An above ground holding tank, part of the current hydraulic oil recycling system, is located in the concrete containment area. The approximate location of this area and a summary of the facts included herein are presented on Figure 5-1 and Table 5-1, respectively.

5.2 Former RCRA Drum Storage Area Sampling

Shulton applied for reclassification of its Clifton facility from a RCRA related hazardous waste generation and storage facility to a hazardous waste generation only facility in 1990. As part of the reclassification process, the NJDEP required Shulton to decommission four previous hazardous waste storage areas (storage area adjacent to Bldg 7A, storage area near Bldg 16, rooftop storage area on Bldg 3 and basement storage area in Bldg 3). Decommissioning included obtaining soil samples from two of the four storage areas The two areas in which soil was sampled were the storage area adjacent to Bldg 7A and the storage area near Bldg 16. The NJDEP also required Shulton to obtain rinsate samples from each of the

four storage areas. Shulton retained Compliance Management, Inc. of Whippany, New Jersey to perform the decommissioning and to obtain samples. Sampling results and locations are included in the Shulton RCRA Closure Plan included in Appendix E.

All soil samples obtained in the RCRA Closure Sampling were analyzed for Target Compound List (TCL) volatile organics, TCL acid extractable compounds, total PHC, TCL base neutral compounds plus 15 peaks (BN+15), TCL polychlorinated biphenyls (PCBs), lead, mercury and cyanide. The analytical results indicated varying concentrations of PHC, cyanide, mercury and lead in all soil samples, including a background sample. Lead and mercury were detected below ECRA guidelines. One sample obtained from around the Bldg 16 storage pad area exhibited a significant concentration of PHC (4,890 ppm). PHC was detected at much lower levels in all other samples from around Bldg 16 and Bldg 7A. One sample from the Bldg 16 storage area exhibited cyanide at 19.9 ppm, slightly above the ECRA guideline of 12 ppm. The location of this area and a summary of the facts included herein are presented on Figure 5-1 and Table 5-1, respectively.

5.3 Former Nitine Specialty Chemicals Sampling

Nitine Specialty Chemicals (Nitine) operated at the Shulton Clifton facility in Bldgs 6 and 7 up until approximately 1971-1972. Nitine performed various functions including, but not limited to, the repackaging of hexachlorophene. The interiors of the former Nitine buildings were inspected and sampled by the NJDEP in the autumn of 1983. The inspection and sampling was part of a program initiated by the NJDEP and designed to investigate current and former "users" of potential tetrachlorodibenzo dioxin compound precursors (such as hexachlorophene).

A total of three samples were obtained by the NJDEP and analyzed for tetrachlorodibenzo dioxin compounds (TCDD) by Environmental Testing and Certification Corporation of Edison, New Jersey. Sample locations were referenced as "xcolumn", "xtrench" and "xdoorway". Per the analytical results, TCDD compounds were not detected in any of the samples. No

additional action was required as a result of the NJDEP investigation. The analytical data report associated with the Nitine sampling is included in Appendix F.

The majority of the area adjacent to Bldgs 6 and 7 was paved with macadam throughout Nitine's period of operation. According to Shulton employees, floor drains (trench drains) in both buildings always have been tied into the municipal sewer system. The location of this area and a summary of the facts included herein are presented on Figure 5-1 and Table 5-1, respectively.

5.4 Former Underground Storage Tank Removals and Sampling

The Shulton site plans and files noted the removal of a number of underground storage tanks (USTs) from locations near Bldg 5. The files indicated that USTs were used in facility heating, process operations and vehicle fueling at the Shulton site. The files indicated that USTs were removed in two separate remedial efforts; one effort in 1985 (gasoline tank and diesel tank) and one effort in 1988 (fuel oil and alcohol tanks). Shulton personnel verified the presence and subsequent removal of the former USTs (two in 1985 and four in 1988).

In addition, two 5,000 gallon USTs containing toluene were located in the area south of Bldg 7 (the current location of Bldg 7A). According to a representative of Shulton, the two tanks were removed prior to the construction of Bldg 7A in 1980.

The locations of the former USTs are presented on Figure 5-1 and a summary of the information included in the ensuing paragraphs is included in Table 5-1.

5.4.1 1985 UST Removals

The files documented the removal of one 1,000 gallon underground storage tank containing gasoline in 1985 from the area west of Bldg 5. The

documentation relating to the removal of the gasoline tank also referenced one 550 gallon underground diesel tank and one 550 gallon fuel oil tank also located in the west of Bldg 5. According to a representative of Shulton, the 550 gallon fuel tank was an above ground tank.

The 1,000 gallon gasoline UST was integrity tested in July of 1985 and again in October of 1985; the tank failed the tests on both occasions. Shulton subsequently removed the product from the tank and returned it to Hennoch Oil.

Use of the tank was discontinued in October of 1985. Based upon the results of the integrity tests and subsequent conversations with the NJDEP, Shulton initiated tank removal activities on November 15, 1985. Upon excavation, two holes were noted in the 1,000 gallon tank; one approximately 5 inches from the top of the tank and the other approximately one-half way down from the top. Soil contamination was noted to have been limited to the area immediately adjacent to the tank. Upon examination of the soil by an NJDEP representative, visibly stained soil was removed and placed in 55 gallon drums. No soil sampling was performed in conjunction with the tank removal. A follow-up letter confirming the remedial efforts and supplying disposal information was issued to the NJDEP on December 31, 1985. Soil Disposal Manifests are included in Appendix D.

According to information in the files, it was necessary to cut the lines from the 550 gallon fuel oil tank to the fuel pump in order to remove the 1,000 gallon gasoline tank. It also was necessary to position the backhoe over the 550 gallon diesel tank to get access to the 1,000 gallon gasoline tank during removal. According to a representative of Shulton the 550 gallon diesel tank (UST) and the 550 gallon fuel oil [illegible] (AGST) were both subsequently removed.

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5.4.2 1988 UST Removals

The files also referenced two 10,000 gallon tanks containing #2 fuel oil located east of Bldg 5; one 30,000 gallon tank containing #2 fuel oil located north of Bldg 6; and one 10,000 gallon tank containing ethyl alcohol located south of Bldg 2. These four tanks were removed in 1988. Post-excavation sampling and a groundwater investigation were performed as part of the overall tank removal action.

The four USTs were removed by Kramer Environmental of Clifton, New Jersey from November 22, 1988 to January 5, 1989. The end cap of the 10,000 gallon former ethyl alcohol tank was left in place and filled with concrete as complete removal of the tank would likely have resulted in the undermining of an adjacent transformer pad. A hole was drilled through the end cap of the steel tank to obtain a soil sample. The sample was analyzed for ethyl alcohol; the compound was not detected. Upon removal of the two 10,000 gallon fuel oil tanks, stained soil was noted in the excavation. Kramer excavated all stained soil (approximately 260 cubic yards) around the two 10,000 gallon fuel oil tanks. The discharge was reported to the NJDEP on December 5, 1988. The excavated soil was removed by Perretti Services and disposed of at Modern Landfill in Model City, New York. Soil disposal manifests are included in Appendix D.

Upon receiving notification of the release, the NJDEP issued a "Scope of Work" outlining required remedial efforts. The NJDEP required Shulton to assess the impact, if any, to on site groundwater due to the release of fuel oil. Three 4-inch PVC monitoring wells were installed between April 19, 1989 and April 21, 1989 by Environmental Drilling Inc. of Toms River, New Jersey. The well locations are depicted on the Site Plan included in Attachment 3. Wells were allowed to equilibrate for 2 weeks prior to sampling. No floating petroleum product was noted in any of the wells. Groundwater samples were obtained by Killam Associates from the three monitoring wells (MW-1, MW-2 and MW-3) and from one of three on site production wells (PW-1) on May 4, 1989. Samples were analyzed for petroleum hydrocarbons (PHC), volatile organic compounds plus 15 peaks

(VO+15) and base neutral compounds plus 15 peaks (BN+15). BN compounds were not detected in any of the samples. PHC was detected in all samples, but in excess of the NJDEP ECRA guideline of 1.0 ppm in only one sample (1.1 ppm in the sample from MW-1). VO compounds were detected in all four samples in excess of the ECRA guideline of 0.01 ppm for total VO in water. The VO concentrations detected ranged from 0.09 ppm in PW-1 to 0.158 ppm in MW-2. The primary VO constituents detected were trans-1,2-dichloroethene and trichloroethene.

Upon review of the groundwater sampling results, a Discharge Investigation and Corrective Action Report (DICAR) was prepared by Killam Associates. The report summarized UST removals, soil excavation, monitoring well installations and groundwater results. The DICAR was submitted to the NJDEP in June of 1989. The DICAR proposed an additional round of groundwater sampling restricted to PHC. This sampling was performed on July 7, 1989 and no elevated levels of PHC were detected.

The NJDEP issued a response to the DICAR on May 17, 1990 and required additional information and groundwater investigation. Additional soil and groundwater investigations were performed over a two day period (June 14 and June 15, 1990) utilizing a combination of soil gas sampling and groundwater sampling. Tracer Research Corporation Inc. performed the soil gas and groundwater sampling and analysis. Specific target analyses were performed based upon the previous groundwater results. The samples of both the soil gas and groundwater were analyzed for trans 1,2 dichloroethene (DCE), trichloroethene (TCE), trichloroethane (TCA), and tetrachloroethene (PCE). A total of 16 soil gas and 14 groundwater samples were obtained and analyzed for the referenced parameters.

Elevated levels of DCE (0.21 ppm and 0.11 ppm) were detected in two of the groundwater samples. Both samples were obtained in the courtyard area, south and east of MW-2. A summary of the soil gas results was prepared and issued to the NJDEP on August 14, 1990. The results of the soil gas/groundwater investigation indicated that the VO contamination was

limited to the courtyard area and the compounds detected were unrelated to the former USTs. The installation of one additional well was proposed to the NJDEP (letter dated August 14, 1990) to further define the extent of the groundwater contamination. MW-1 through MW-3 and the newly installed well were to be analyzed for targeted VO compounds. A response from the NJDEP regarding the proposed action is pending at this time.

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ATTACHMENT 6: SUMMARY OF PRE-ECRA SAMPLING
AND ANALYTICAL RESULTS

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ATTACHMENT 6: SUMMARY OF PRE-ECRA SAMPLING AND ANALYTICAL RESULTS

6.0 Potential Environmental Concerns

American Cyanamid Company initiated a Pre-ECRA investigation of the Shulton Clifton site in August of 1990. Killam Associates was retained to perform this investigation which included both soil and groundwater sampling. The Pre-ECRA investigation was designed to evaluate potential on-site environmental concerns before the site actually became subject to ECRA. The Pre-ECRA soil and groundwater sampling program was based upon information obtained through site inspections, a review of Shulton files (including historical data) and site plans, a review of available historic aerial photography and NJDEP generated well search information, and interviews with Shulton representatives. A total of seven areas of potential environmental concern were identified in the Pre-ECRA investigation:

- Parkway Iron & Steel Company Discharges Area
- Drum Storage Pad Area - Bldg 9A
- Former Empty Drum Storage Area - Bldg 11
- Former Toluene Storage Area
- Fill Area
- Weasel Brook - Orange Material
- Volatile Organic Groundwater Contamination

All seven of the identified areas of concern were addressed through sampling activities in August of 1990. Sampling activities were designed to evaluate the environmental status of each of the seven areas and are discussed along with the subsequent analytical results in the following subsections. Analytical summary tables are provided in Appendix G.

A summary of the Pre-ECRA sampling performed is provided on the next page in Table 6-1. Monitoring well, soil boring and grab sample locations are illustrated on Figure 6-1 which follows the table.

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AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

TABLE 6-1
SUMMARY OF PRE-ECRA SAMPLING

AREA OF CONCERN	SAMPLING METHOD	NUMBER/ TYPE OF SAMPLES	ANALYTICAL PARAMETERS
Parkway Iron & Steel Discharges Area (North Bldg 10)	3 soil borings	4 soil samples	PHC
		1 soil sample	PHC, BN+15
		1 soil sample	PHC, BN+15, VO+15
Drum Storage Pad Area - Bldg 9A	2 soil borings	2 soil samples	PHC, BN+15
		2 soil samples	PHC, VO+15, PP Metals
Former Empty Drum Storage Area - Bldg 11	3 soil borings	3 soil samples	PHC, BN+15
		3 soil samples	PHC, VO+15, PP Metals
Former Toluene Storage Area	1 monitoring well	1 soil sample	BN+15
		1 soil sample	VO+15
		1 groundwater sample	PHC, PP+40
Fill Area	2 soil borings	2 soil samples	PHC, PP+40
	2 monitoring wells	2 groundwater samples	PHC, PP+40
Orange Material - Weasel Brook	2 grab samples	2 sediment samples	PHC, PP+40, Iron
Volatile Organic Groundwater Contamination	3 monitoring wells	3 groundwater samples	PHC, PP+40

PHC: Petroleum hydrocarbons
BN+15: Base neutral compounds plus 15 peaks
VO+15: Volatile organic compounds plus 15 peaks
PP+40: Priority pollutant compounds plus 40 peaks

PLEASE NOTE:

6-3 MISSING FROM THE ORIGINAL
MICROFILM AT THE NJDEP

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M & R Soil Investigations, Inc. of Hammonton, New Jersey was retained during the week of August 13-17, 1990 to perform monitoring well and soil boring installations. Killam Associates was on site to monitor the sampling efforts and to obtain samples for analysis. All analyses were performed in accordance with Killam Associates' Laboratory Quality Assurance/Quality Control program included under separate cover in Appendix H. All sampling was performed in accordance with Killam's field sampling procedures outlined in Appendix I. Soil boring and monitoring well logs are provided in Appendix J. Monitoring Well Certification Forms A are provided in Appendix K. Photographs of the seven areas of potential environmental concern identified in the Pre-ECRA investigation are included in Appendix L. Analytical data report packages for all Pre-ECRA sampling are included under separate cover in Appendix M.

6.1 Parkway Iron & Steel Company Discharges

Water carrying debris and oil from the Parkway Iron & Steel facility was reported to have entered the Shulton site periodically in areas north and northeast of Bldg 10. (Parkway Iron & Steel is situated topographically higher than the Shulton facility.) Based upon this information, the area north/northeast of Bldg 10 was inspected for signs of surficial staining, stressed vegetation and other evidence of contamination. No significant staining was noted in this area. A large soil pile (approximately 30 cubic yards) was noted immediately north of (behind) Bldg 10. The pile appeared to consist of primarily soil and rock with some construction materials such as bricks and concrete. The pile was significantly vegetated, and according to a representative of Shulton the pile has been present for over 20 years.

Three hand-augered soil borings (B-1, B-2 and B-3) were drilled and sampled on August 16, 1990 to evaluate soil conditions in this area.

6.1.1 Summary of Sampling

It was proposed to collect two soil samples from each boring, one from the 0 to 6 inch interval (surficial) and one from the 18 to 24 inch interval (subsurface). Soil samples were monitored using a photoionization detector (PID), calibrated to methane gas. The soil consisted mainly of tan silty clay followed by brown sand with organic material and wood chips at the surface.

B-1 (the most upgradient boring) was located outside the fenced-in area north of Bldg 10, near the railroad line which enters the site. The area surrounding B-1 consisted of moist soils and small areas of ponding were noted. The surficial sample from B-1 consisted solely of woodchips, apparently used to prohibit vegetative growth at the railroad siding. Due to the woodchips, B-1 was sampled from the 6 to 12 inch interval. The sample obtained from the 6 to 12 inch interval was analyzed for PHC only and the sample obtained from the deeper 18 to 24 inch interval was analyzed for PHC, BN+15 and VO+15. B-1 exhibited slightly elevated readings (above background) of non-methane organic vapors on the PID meter.

B-2 was located in the small wooded area northwest of Bldg 10. One sample was obtained from the surficial interval and was analyzed for PHC and BN+15. The second sample was obtained from the 18 to 24 inch interval and was analyzed for PHC only. B-3 was located west of B-2, on the fringe of the wooded area. Samples were obtained from B-3 at the 0 to 6 inch interval and the 18 to 24 inch interval. Both samples from B-3 were analyzed for PHC.

6.1.2 Analytical Results

VO compounds were not detected in the deeper sample from B-1. PHC was detected in samples obtained from the surficial and subsurface intervals

of B-1 at 1,610 ppm and 383 ppm respectively. PHC was detected in the surficial sample of B-2 at 8,200 ppm; PHC was not detected in the deeper sample obtained from this same soil boring. Total target BN compounds were detected below 10 ppm in the deeper sample obtained from B-1 (8.454 ppm). The surficial sample obtained from B-2 indicated a total BN concentration of 19.76 ppm. The target BN compounds detected in both samples are typically found in petroleum products. The analytical results indicated surficial rather than deeper, subsurface contamination. Analytical results are summarized on Table G-1, included in Appendix G.

6.2 Drum Storage Pad - Bldg 9A

Staining was noted adjacent to the drum storage pad, at the southeast corner of Bldg 9A. The storage pad is enclosed by a chain link fence which abuts Bldg 9A on the northwest side. Two soil borings (B-13 and B-14) were drilled and sampled to investigate the area of stained soil. Both of the borings were drilled south of the storage pad in the direction of surface runoff.

6.2.1 Summary of Sampling

Two split spoon samples were collected from each of the two borings, one from the 0 to 6 inch interval and one from the 24 to 30 inch interval. The surficial sample (0 to 6 inch interval) from each soil boring was analyzed for PHC and BN+15 and the subsurface sample (24 to 30 inch interval) from each boring was analyzed for PHC, VO+15 and priority pollutant (PP) metals.

The soil consisted of mainly of red-brown silts and silty clays followed by brown to red-brown sand near the surface, with a few inches of crushed stone at the surface. The soil was monitored using the PID meter and no elevated readings were recorded. The two borings were advanced to a depth of 6.0 feet and groundwater appeared to be at a depth of 4.0 feet.

6.2.2 Analytical Results

Samples indicated levels of total target VO compounds below the corresponding ECRA guideline of 1 ppm; no TICs or unknown compounds were detected. The surficial sample from B-13 contained 381 ppm PHC and the deeper sample contained 427 ppm PHC. The surficial sample obtained from B-14 contained 471 ppm PHC. Total target BN concentration was below 10 ppm in both the surficial sample obtained from B-14 (5.204 ppm) and the surficial sample obtained from B-13 (0.143 ppm). No PP metals were detected above corresponding ECRA guidelines. Analytical results are summarized in Table G-2, included in Appendix G.

6.3 Former Empty Drum Storage Area - Bldg 11

Discolored crushed stone, stained soil and stressed vegetation were noted along the north side and east side Bldg of 11. The drums stored in this area has been used to contain non-hazardous materials such as creams, lotions and other cosmetic ingredients. Empty, used drums had been stored along the northern side of Bldg 11. A concrete, above ground storage tank saddle (no tank was present) was noted at the northeastern corner of Bldg 11. Staining and stressed vegetation also was noted around the tank saddle. A 5,000 gallon tank containing hydrogen peroxide formerly rested on the tank saddle.

Three soil borings (B-10, B-11 and B-12) were drilled and sampled to determine the quality of the soil north and east of Bldg 11. Two of the three soil borings (B-10 and B-11) were drilled on the north side of Bldg 11, the third boring (B-12) was drilled on the east side, approximately two feet east of a concrete tank saddle.

6.3.1 Summary of Sampling

Two split spoon samples were collected from each of the borings. One sample was obtained from the 0 to 6 inch interval and one sample from the

24 to 30 inch interval. The surficial sample (0 to 6 inch interval) was analyzed for PHC and BN+15 and the subsurface sample (24 to 30 inch interval) was analyzed for PHC, VO+15 and priority pollutant metals. The soil consisted of red-brown silty sands followed by brown (fill) sand near the surface. Samples were monitored with the PID meter and all samples exhibited elevated readings (above background) of non-methane organic vapors.

Saturated soil was observed at a depth of 2.8 feet in B-10, 3.8 feet in B-11 and 4.0 feet in B-12.

6.3.2 Analytical Results

The surficial samples obtained from B-10 and B-11 were below ECRA guidelines for PHC and total target BN compounds. The subsurface samples obtained from these two borings indicated the presence of 536 ppm PHC in the sample from B-11 and 288 ppm PHC in B-10. VO compounds were not detected and PP metals were below ECRA guidelines for the subsurface samples obtained from both B-10 and B-11.

PHC and VO were not detected and priority pollutants metals were below respective ECRA guidelines in the samples obtained from B-12. The surficial sample obtained from this boring exhibited a level of total target BN compounds of 32.99 ppm. Analytical results are summarized in Table G-3, included in Appendix G.

6.4 Former Toluene Storage Area - Bldg 7/7A

Two 5,000 gallon USTs containing toluene were reportedly located in the general area of Bldg 7A. The former tanks were used by Nitine, which formerly occupied Bldgs 6 and 7. To investigate the former toluene storage area and to explore the potential for other contaminants that may have been used in Nitine operations, one monitoring well (MW-4) was installed on August 15, 1990. MW-4 is located west of Bldg 7A and southeast of the approximate location of the former tanks.

6.4.1 Summary of Sampling

Two split-spoon soil samples were obtained for analysis during the installation of MW-4. The surficial sample (0 to 6 inch interval) was analyzed for BN+15 and the subsurface sample (24 to 30 inch interval) was analyzed for VO+15.

Split spoon samples were also obtained continuously during MW-4 installation for stratigraphy. Groundwater was observed to be approximately 5.0 feet below grade. The soil consisted of red-brown weathered siltstone, followed by red silts and brown sands near the surface.

One groundwater sample was obtained from MW-4, two weeks after installation of the well. The sample was analyzed for PHC and priority pollutants plus 40 peaks (PP+40), including cyanide (CN) and phenols.

6.4.2 Analytical Results

VO compounds were not detected in the soil sample. Target BN compounds were detected at 0.258 ppm in the soil sample obtained from MW-4. Analytical results generated from the soil sampling are summarized in Table G-4.

Groundwater sampling results are summarized on Table 7 included in Appendix G. PHC, polychlorinated biphenyls (PCBs) and CN were not detected. VO compounds, acid extractable/base neutral (ABN) compounds and PP metals were detected at or below corresponding ECRA guidelines. Phenols were detected at 109 ppb and Dieldrin (a pesticide) was detected at 2 ppb; no ECRA guidelines have been established for these compounds in groundwater.

6.5 Fill Area

Prior to 1960, some debris was believed by Shulton personnel to have been disposed of in the easternmost third of the asphalt parking lot, east of Bldg 14 and adjacent to Bldg 16. The current paved parking area adjacent to Bldg 16, the surrounding non-paved area, and nearby stream bank were scrutinized during site inspections. No unusual depressions or significant cracking was noted on the asphalt. No evidence of significant landfilling was noted. Some recent "household" garbage (i.e. cans, bottles, boxes) as well as some construction materials (concrete slabs, bricks, etc.) were noted surrounding the parking area. Evidence of discarded landscaping waste materials (leaves, grass clippings etc.) was noted in the area east of the paved parking area.

B-4 through B-9 and B-15 were drilled and sampled to evaluate the fill area. Two monitoring wells (MW-8 and MW-9) were also installed, between the fill area and Weasel Brook.

6.5.1 Summary of Sampling

Borings were advanced to bedrock and split spoon samples were obtained continuously from each of the seven soil borings. Core samples were used to describe local, site-specific geology. As shown on Figure 6-1, the soil borings were drilled in a grid with approximate 50 foot spacing in the parking area southeast of Bldg 14. One sample was collected two (B-6 and B-15) of the seven soil borings and analyzed for PP+40 (including CN and phenols) and PHC. The sample from B-6 was obtained from 18 to 24 inches below grade and the sample from B-15 was obtained from 24 to 36 inches below grade.

Fill material was noted in six of the seven borings, ranging in depth from 0.0 to 6.5 feet (it was not noted in B-5). Fill material consisted of glass, metal, concrete, bricks, and wood debris. The largest

concentration of fill material was noted in soil borings B-6, B-7 and B-15. A blue-gray sheen was noted in six (B-4, B-5, B-6, B-7, B-9, and B-15) of the borings at the saturated zone. No elevated readings (above background levels) of non-methane organic vapors were obtained with the PID.

Groundwater samples were obtained from MW-8 and MW-9 two weeks after well installation. Samples were analyzed for PP+40 (including CN and phenols) and PHC.

6.5.2 Analytical Results

PHC was detected at levels of 8,820 ppm in the sample from B-6 and 611 ppm PHC in the sample from B-15. Total target VO compounds were detected below the ECRA guideline of 1 ppm in both samples. Total target VO compounds were detected at 0.046 ppm in B-6 and at 0.099 ppm in B-15.

Acid extractable (AE) target compounds were not detected in either sample. Target BN compounds were detected at 3.602 ppm in B-15 and at 12.3 ppm in B-6. Total target BN compounds combined with the tentatively identified compounds detected in the ABN library search yielded a total ABN concentration of 15.25 ppm in B-6 and 24.992 ppm in B-15. Priority pollutant metals were below individual ECRA guidelines in each sample, and CN and phenols were not detected. 4,4'-DDD, a pesticide, was the only compound detected in the pesticide/PCB analysis. This compound was detected at 0.072 ppm in the sample from B-6 and at 0.120 ppm in the sample from B-15. Analytical results generated from the soil sampling are summarized in Table G-5 in Appendix G.

Groundwater sampling results for MW-8 and MW-9 are summarized in Table G-7. All test parameters were below corresponding ECRA guidelines in the samples obtained from MW-8 with the exception of one priority pollutant metal, lead. The ECRA guideline for lead in water is 50 ppb. The

concentration detected in the sample obtained from MW-8 was 83.1 ppb. Lead also was detected in two other site monitoring wells; 13 ppb in MW-4 and 43 ppb in MW-9.

PHC, phenols, pesticides and PCBs were not detected in the sample obtained from MW-9. PP metals and CN were below the corresponding ECRA guidelines. Total target VO compounds were detected in excess of the ECRA guideline of 10 ppb in water. The sample exhibited 396.7 ppb of total target VO compounds; comprised of 30 ppb ethyl benzene, 6.7 ppb toluene and 360 ppb total xylenes. A total of 72 ppb of tentatively identified compounds were also detected. The target VO compounds noted in MW-9 are typical gasoline constituents. The sample exhibited a total target BN concentration of 2.29 ppb, below the ECRA guideline of 50 ppb. No target AE compounds were detected in MW-9.

6.6 Orange Material - Weasel Brook

One branch of Weasel Brook runs through the eastern portion of the site and a second branch borders the site along its southern property line. A drainage swale joins the eastern branch of Weasel Brook northeast of Bldg 16. An orange floc material accompanied by a sheen was noted in a number of places on-site, particularly in areas of standing water along Weasel Brook and in a drainage swale discharging to Weasel Brook. A similar type of sheen also was noted in wet soils adjacent to a fire hydrant east of Bldg 11 and along the western bank of Weasel Brook. The sheen was noted in soil depressions surrounding the fire hydrant. Orange floc material was noted along the brook banks in the vicinity of the fire hydrant.

6.6.1 Summary of Sampling

As shown on Figure 6-1, two grab samples (G-1 and G-2) were obtained to identify any potential contaminants associated with the orange material and sheen. One sediment sample (G-1) was collected from the drainage

swale northeast of Bldg 14 and one soil sample (G-2) was collected on the bank of Weasel Brook, east of MW-8. G-1 registered a slightly elevated reading on the PID meter but no elevated reading was recorded for G-2. Both grab samples were analyzed for PP+40 (including CN and phenols), PHC and iron.

6.6.2 Analytical Results

VO compounds and PCBs were not detected and PHC and priority pollutant metals were detected at levels below respective ECRA guidelines in samples G-1 and G-2. A single pesticide, 4,4'-DDD, was detected in sample G-2 at 0.17 ppm; the compound was not detected in Sample G-1. Target AE compounds were not detected in either sample. Total target BN compounds were detected at 9.659 ppm sample G-2 and at 42.66 ppm in sample G-1.

Iron was detected at 15,400 ppm in G-1 and 15,300 ppm in G-2. Orange floc material is a frequently noted phenomenon in areas of naturally high iron concentration. During the sampling effort, similar iron floc was noted in the brook upstream of Route 46. Analytical results associated with the sediment/soil sampling are summarized in Table G-6.

6.7 Volatile Organic Groundwater Contamination

Three shallow wells (MW-1, MW-2 and MW-3) had been previously installed and sampled to address former underground storage tanks near Bldgs 5 and 6. Analytical results indicated the presence of chlorinated solvents in the groundwater. In order to further evaluate the volatile organic groundwater contamination, three monitoring wells (MW-5, MW-6 and MW-7) were installed on the northwestern border of the property. These wells were installed to determine if noted VO contamination in the groundwater could be attributable to an off-site source.

6.7.1 Summary of Sampling

As shown on Figure 6-1, MW-5 is located north of Bldg 4 and west of the executive parking area; MW-6 and MW-7 are located northwest of Bldg 3 near the property lines. Drilling in this portion of the site reflected an average depth to bedrock of 10 feet.

Groundwater samples were obtained from MW-5, MW-6 and MW-7 two weeks after well installation. Samples were analyzed for VO+15.

6.7.2 Analytical Results

The total of target VO compounds detected in MW-5 was less than the corresponding ECRA guideline of 10 ppb. The levels of target VO compounds detected in MW-6 (34.0 ppb) and MW-7 (11.8 ppb) exceeded this guideline. 2DCE was detected in all three wells; 2.4 ppb in MW-5, 27 ppb in MW-6 and 6.2 ppb in MW-7. TCA was detected in MW-5 at 1.4 ppb and in MW-7 at 3.5 ppb. TCE was detected in MW-6 at 7.0 ppb and in MW-7 at 2.1 ppb. No tentatively identified compounds or unknowns were detected in the groundwater samples obtained from MW-5, MW-6 or MW-7. Analytical results generated from the groundwater sampling are summarized in Table G-7.

6.8 Direction of Groundwater Flow

The water bearing openings in the Brunswick Formation beneath the site are controlled by bedding. These tabular aquifers extend downdip for several hundred feet and are continuous along strike for thousands of feet. Hydraulic connection between these aquifers is generally poor. The movement of water in these aquifers under pumping and presumably under natural conditions is preferentially along the strike. The dip is 10 degrees to 15 degrees west and the strike is N15E.

Water level measurements were obtained from the nine monitoring wells on site on August 23 and August 30 of 1990. A Groundwater Contour Map (Figure 6-2) developed from the data obtained on August 30, 1990 is

located on the following page. The direction of flow based on these measurements is to the south-southeast.

Water level measurements were obtained from the nine monitoring wells on site on August 23 and August 30 of 1990. A Groundwater Contour Map (Figure 6-2) developed from the data obtained on August 30, 1990 follows this page. The direction of flow based on these measurements is to the south-southeast.

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ATTACHMENT 7: SAMPLING PLAN PROPOSAL

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ATTACHMENT 7: SAMPLING PLAN PROPOSAL
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ATTACHMENT 7: SAMPLING PLAN PROPOSAL

7.0 Introduction

Shulton initiated a pre-ECRA investigation which included both soil and groundwater sampling in August of 1990. As discussed in Attachment 6, a total of seven areas of potential concern were identified in the pre-ECRA investigation: Parkway Iron & Steel Company Discharges Area, Drum Storage Pad Area - Bldg 9A, Former Empty Drum Storage Area - Bldg 11, Former Toluene Storage Area, Potential Fill Area, Orange Material - Weasel Brook and Volatile Organic Groundwater Contamination. All seven of the identified areas of concern were addressed through sampling activities in August-September of 1990.

The Sampling Plan Proposal described in this Attachment includes a description of the environmental setting of the site, the details and justification of the sampling proposed, quality assurance/quality control methods to be employed, a site specific health and safety plan and a proposed schedule of sampling and reporting.

7.1 Environmental Setting

Shulton is located in Clifton, New Jersey at the southeast junction of the Garden State Parkway and Route 46. Weasel Brook flows through the eastern portion of the site and a branch of the brook borders the site to the south.

A Site Location Map (Figure 7-1) and a recent aerial photograph (Figure 7-2) are provided on the following pages.

SCALE: 1" = 2,000'

SOURCE: ORANGE AND PATERSON
U.S.G.S. 7.5 MINUTE
TOPOGRAPHIC QUADRANGLES
1977

FIGURE 7-1
AMERICAN CYANAMID COMPANY
CLIFTON, NEW JERSEY
SITE LOCATION MAP

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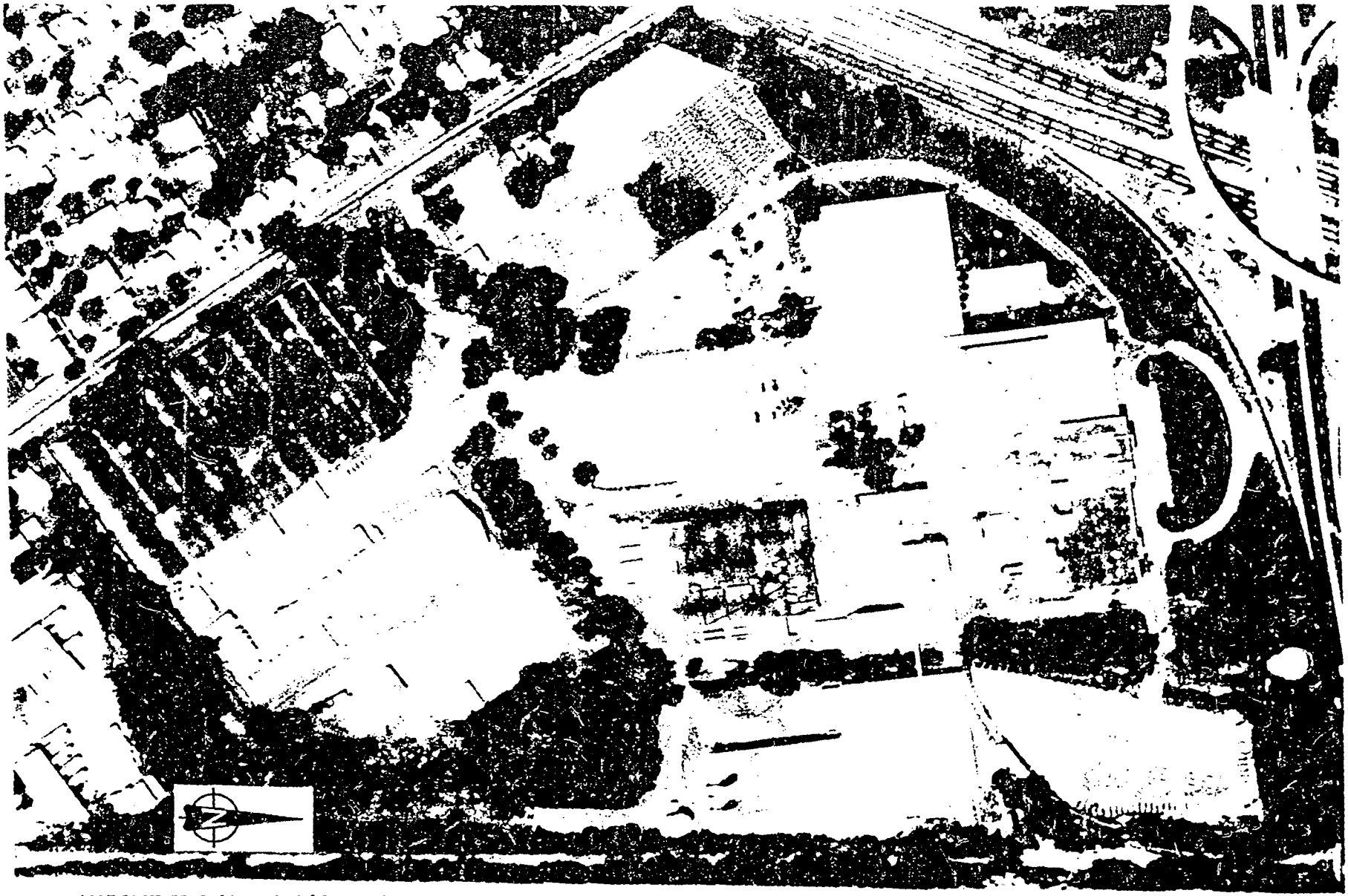

MAP SOURCE: Robinson Aerial Surveys, Inc.
Newton, New Jersey
September 4, 1989

MAP SCALE: 1" = 200'

FIGURE 7-2
1989 AERIAL PHOTOGRAPH

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7.1.1 Regional Geology

The City of Clifton lies within the Piedmont Physiographic Province which is underlain by shale, sandstone, conglomerates, basalts and diabase of the Newark Group. These geologic formations are of Triassic-Jurassic age (210-180 million years in age). The Piedmont in Passaic County consists of two mountains, the first Watchung Mountain (Orange Mountain Basalt) and the second Watchung Mountain (Preakness Basalt). In general, the Piedmont is characterized by gently rounded hills of igneous origin and wide valleys of sedimentary origin. These sedimentary counterparts consist of mainly reddish-brown siltstone with local beds of shale and sandstone of the Brunswick Formation.

7.1.2 Regional Soils

The United States Department of Agriculture Soil Conservation Service maps the unconsolidated surficial deposits of the site and the overall Clifton area as Urban land-Boonton complex, gentle sloping. This complex consists of areas where man has altered the soil by cutting and filling. Surficial deposits mantle the siltstone/shale bedrock material and are of glacial origin deposited by meltwaters. The soils formed in glacial till are derived principally from basalt, sandstone, shale and granitic gneiss. The soils are moderately well drained. The surficial soils are typified by stony and gravelly glacial deposits. The slopes are generally 3 to 8 percent, however, many areas are level where altered by man. Permeability is moderate to slow depending on whether an area has been altered. In some cases a perched water table exists.

7.1.3 Topography/Drainage

Elevations in the Piedmont area of Passaic County range from 10 feet above sea level (near the Passaic River) to 600 feet above sea level (in the basalt areas of Passaic and Bergen counties). The range of elevation of the Shulton Facility is approximately 100-140 feet above sea level. The

north-south trending Weasel Brook bisects the site on the eastern third of the property. Storm drains located throughout the facility feed runoff water into the Brook. Weasel Brook eventually discharges to the Passaic River located approximately two miles east of the Shulton site.

7.1.4 Site Specific Hydrogeology

Information revealed from the installation of nine monitoring wells (three pre-existing) and 15 soil borings have provided a good illustration of the site geology. Weathered bedrock of the Brunswick Formation was encountered at an average depth of 9.0 feet. The bedrock is mostly overlain by red-brown silts and sands followed by fill material near the surface.

The Brunswick Formation is the major formation of the Newark Basin. Groundwater in the Brunswick Formation occurs predominantly in the secondary porosity of interconnected vertical fractures and joints and also through horizontal fractures along bedding planes. Bedding planes of the Brunswick Formation are mostly open in the weathered zone of the upper 300 feet. The weathered zone usually provides a good water supply source. Below this level, permeability is dependent upon fractures which become tighter and less prevalent with increased depth.

According to the U.S. Geological Survey, Water Resource Investigations 76-25 (Meisler, 1976), the Brunswick Formation has an estimated porosity of 12 percent and an estimated hydraulic conductivity range of 3.11 to 5.18 gpd/ft^2 (representing the rate of water in gallons per day through a cross section of one square foot under a unit hydraulic gradient). Transmissivities (the rate at which water is transmitted through a unit width of the aquifer under a unit hydraulic gradient, expressed as gallons per day per foot of aquifer width) of the Brunswick Formation range from 270 to 9,000 gpd/ft with an average of 3,200 gpd/ft.

To evaluate groundwater flow, water level measurements were obtained from the nine monitoring wells on site on August 23 and August 30 of 1990. The direction of flow based on these measurements is toward the south-southeast. A groundwater contour map based on the data obtained on August 30, 1990 is provided in Attachment 6, Section 6.8. The wells installed on the northwest border (MW-5, MW-6 and MW-7) of the property serve as the upgradient wells.

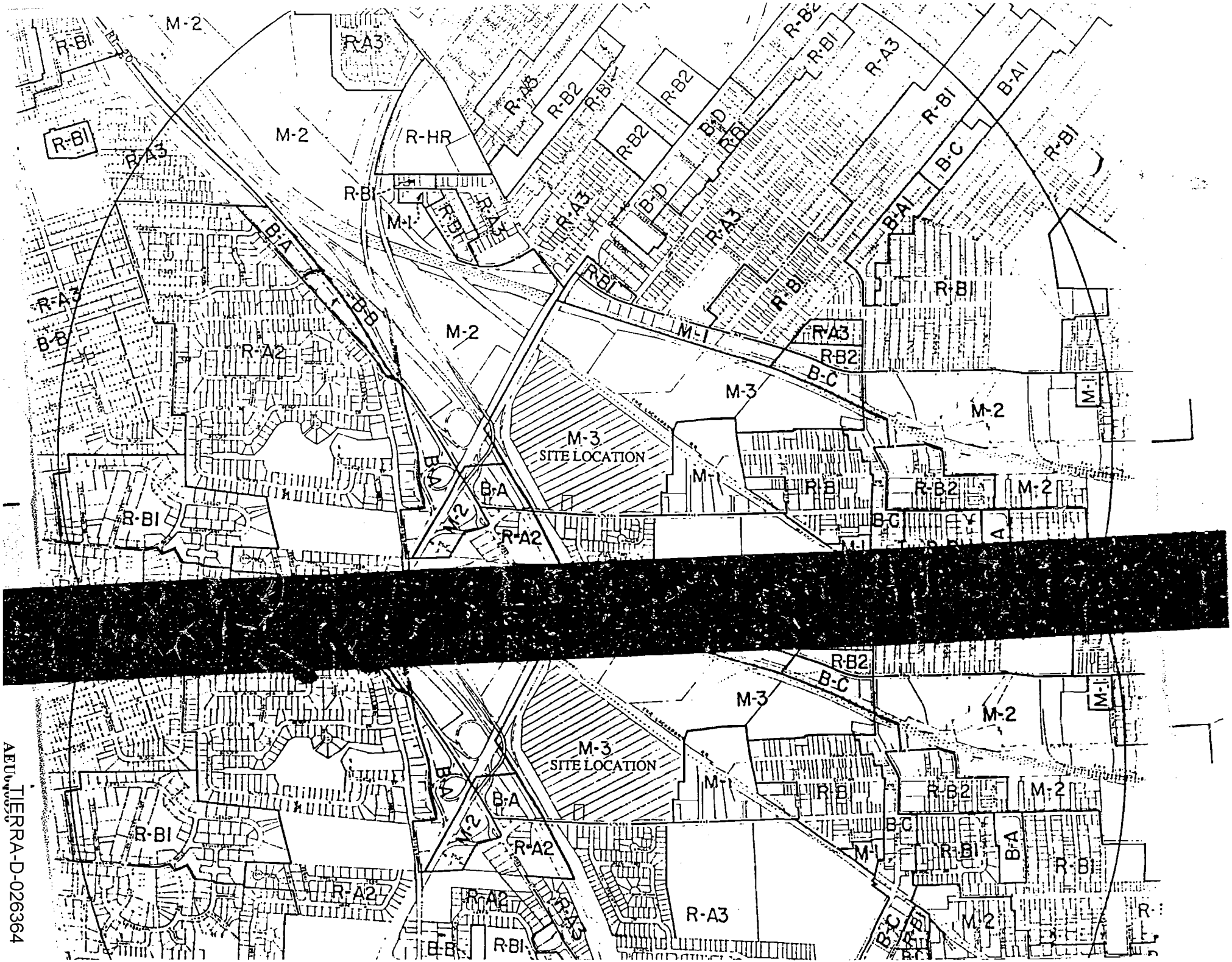
7.1.5 Adjacent Land Uses

The City of Clifton is zoned mostly for residential and commercial uses and a small percentage of land is retained for industrial uses. Industrial uses are zoned into three subclasses: restricted industrial and research laboratories (M-1), general industrial (M-2) and special industrial (M-3). Shulton is located in a M-3 zone. Figure 7-3, Adjacent Land Uses, included on the following page, presents the permitted land uses within a one-mile radius of the Shulton site. The legend associated with Figure 7-3 in provided on the page following the figure.

The Shulton Clifton site is surrounded by two major roadways, one city roadway, a number of industrial and commercial facilities, private residences, Weasel Brook, and a line of the Erie Lackawanna Railroad.

To the north is Route 46 across which is Mikula Contractors, General Foods and AGL Welding Supply Company. To the east is the Erie Lackawanna Railroad line across which is Parkway Iron & Steel Company and a number of small commercial properties including Margi of Mark VII; Antelmans Animal Hospital; C-K Air Conditioning, Contractors & Engineers; Chavonne Siding Installers and La Placas Fitness Equipment and Health Foods. To the southeast is the former Athenia Steel site (Block 28.02, Lot 19) beyond which are Delta Molds Inc., Paterson Stamp Inc., Lightning 10 Minute Oil Change, Conexo Conveyor Corp., Weiger Inc. and T.G. Mailong Inc. To the south are a number of commercial and industrial properties including

SITE LOCATION
R-B1
R-A3
R-B2
M-1
M-2
M-3
B-C
B-A1
B-A
B-B
R-HR
GARDEN STATE PARKWAY
CITY



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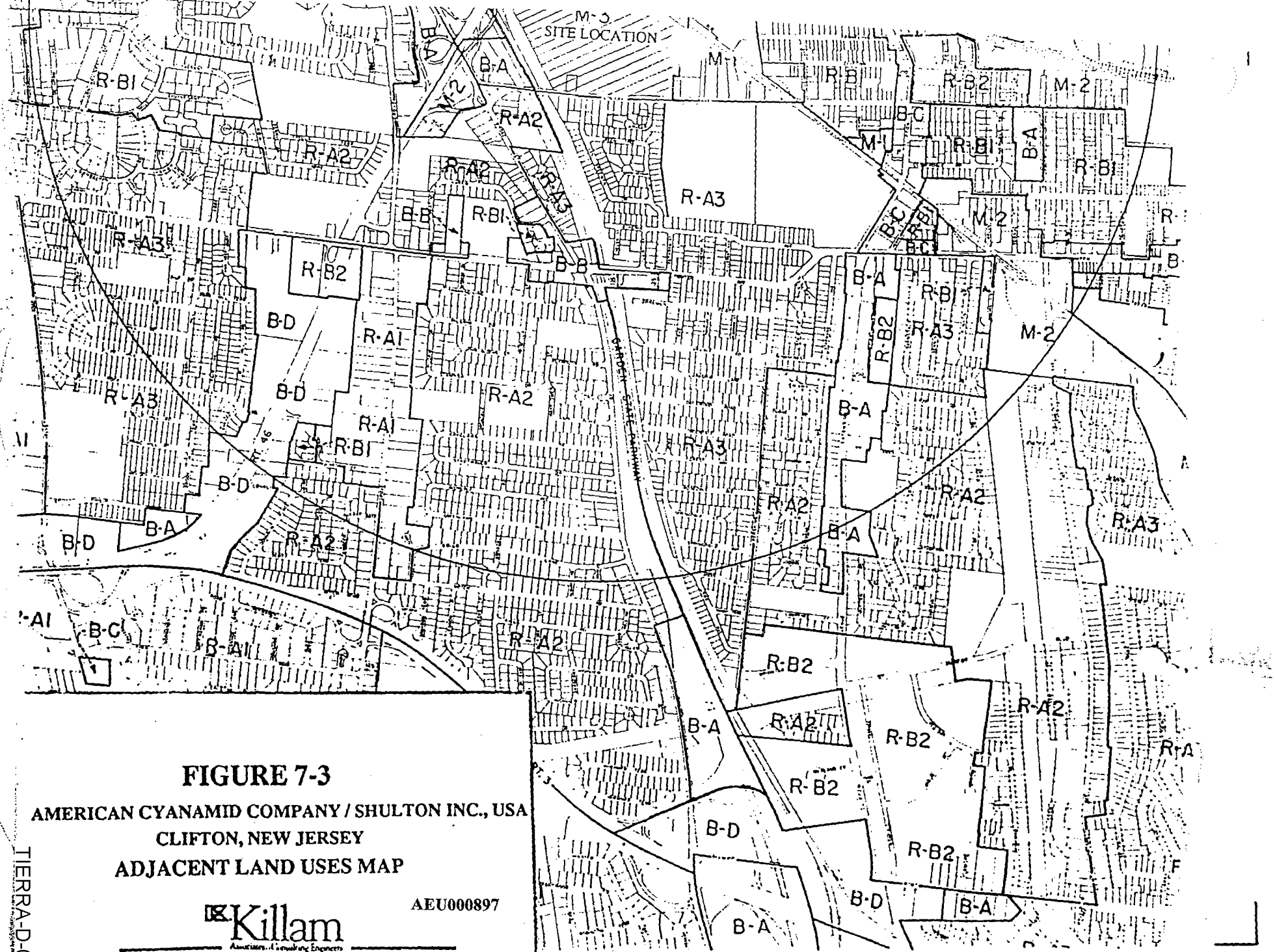

FIGURE 7-3

AMERICAN CYANAMID COMPANY / SHULTON INC., USA

CLIFTON, NEW JERSEY

ADJACENT LAND USES MAP

AEU000897

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TIERRA-D-026365

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AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

FIGURE 7-3 - LEGEND

LAND USE CODE	PERMITTED USE DESCRIPTION
R-A1	RESIDENTIAL, ONE FAMILY, 9375 SQ. FT.
R-A2	RESIDENTIAL, ONE FAMILY, 6600 SQ. FT.
R-A3	RESIDENTIAL, ONE FAMILY, 5000 SQ. FT.
R-B1	RESIDENTIAL, ONE & TWO FAMILY
R-B2	RESIDENTIAL, ONE & TWO FAMILY & GARDEN APARTMENTS
R-B3	RESIDENTIAL, ONE & TWO FAMILY & MULTIFAMILY APARTMENTS
R-TH	RESIDENTIAL, TOWNHOUSES
R-HR	RESIDENTIAL, HIGH RISE SUBURBAN APARTMENTS
B-A	BUSINESS & PROFESSIONAL OFFICES
B-A1	BUSINESS & PROFESSIONAL OFFICES & EXISTING RESIDENTIAL
B-B	NEIGHBORHOOD RETAIL BUSINESS
B-C	GENERAL BUSINESS
B-D	INTENSIVE BUSINESS
P.C.D.	PLANNED COMMERCIAL DEVELOPMENT
P.C.R.D.	PLANNED COMMERCIAL AND RESIDENTIAL DISTRICT
M-1	RESTRICTED INDUSTRIAL & RESEARCH LABORATORIES
M-2	GENERAL INDUSTRIAL
M-3	SPECIAL INDUSTRIAL
P.D.-1	PLANNED DEVELOPMENT 1
P.D.-2	PLANNED DEVELOPMENT 2
P.D.-3	PLANNED DEVELOPMENT 3
CEMETARIES	

MAP AND LEGEND SOURCE: City of Clifton Zoning Map

Platronic Seals, Capital Soap Corporation, Precision Service, Inc., Traveler Trading Co., Sir Speedy, Blue Ridge Oil Corp., and Colfax Avenue. Beyond Colfax Avenue is a residential area. To the northwest is the Garden State Parkway across which is First Institutional Securities Inc., P.S. Public Storage, Garden State Parkway Garage and M.G. Industries.

A Well Survey of Water Withdrawal Points and New Jersey Geological Survey Case Index Sites map was provided by the NJDEP-Bureau of Water Allocation. The documents identified water withdrawal points within a five mile radius of the site. Per the information provided by the NJDEP, no domestic wells are located within 1,000 feet of the site and no public water supply wells are located within 2,500 feet of the site.

7.2 Proposed Sampling Activities

The analytical results generated from the pre-ECRA investigation indicate that five of the seven referenced areas of potential concern warrant additional investigation through sampling. The areas for which no further actions are proposed are the Drum Storage Area - Bldg 9A and the Former Toluene Storage Area.

Samples from the two soil borings (B-13 and B-14) drilled near the former empty drum storage area near Bldg 9A were analyzed for VO+15, BN+15, PHC and PP Metals. Only PHC was detected at relatively significant levels (381 ppm and 471 ppm), but the levels found were still below the ECRA guideline of 500 ppm PHC in soil for industrial sites. Given the industrial nature of the site and given that no other elevated levels of contaminants were detected in the samples, no further action is proposed for this area..

MW-4 was installed to address the Former Toluene Storage Area. Analytical results indicated both target BN and VO concentrations below corresponding ECRA guidelines for soil and groundwater in MW-4. Toluene was not detected in either the soil or groundwater sample. Given these results, no additional investigation is proposed for the Former Toluene Storage Area. Groundwater from MW-4 will be re-sampled, however, to confirm previous results.

According to representatives of Shulton, for a period of years during the late 1970 to early 1980's fuel oil was stored in four AGSTs located east of Bldg 11. The referenced tanks were not equipped with secondary containment. The referenced tanks are now reportedly empty. No cracks or other evidence of leakage was noted in regard to the tanks. No staining of underlying soils or other evidence of contamination (i.e. stressed vegetation) was noted in respect to these tanks. Further, there has been no history of spillage associated with these tanks. In regard to other AGST areas, tanks are either equipped with secondary containment measures and/or reportedly stored materials not of concern to this ECRA investigation (i.e. silicone, hydrogen peroxide, etc.). Also, no historic spills or leakage are known to be associated with AGSTs containing propylene glycol or alcohol. As such, no sampling is proposed for this or other AGST areas.

A black, silty material was noted in the base of the concrete secondary containment structures of three (AGST-5, AGST-6 and AGST-12) of the AGSTs located at the Shulton site. The three AGSTs located at the contained areas formerly contained alcohol. The referenced material appears to be sand blasting residue associated with maintenance (rust removal) of the AGSTs. It does not appear to be related to any spills from the AGSTs.

No further investigation of former USTs is proposed in this sampling plan. All USTs have been removed from the site and any contaminated soil associated with the tanks has been excavated and disposed of as described

in Attachment 5, Section 5.4. Three monitoring wells (MW-1, MW-2 and MW-3) have been installed and sampled to address the former USTs and no evidence of contamination due to materials stored in the USTs (in particular, fuel oil and gasoline) has been noted.

The areas for which additional investigation does appear warranted are the Parkway Iron & Steel Discharges Area, the Former Empty Drum Storage Area - Bldg 11, the Fill Area, and the Orange Material - Weasel Brook. Proposed efforts for each area of concern are discussed in the following subsections and proposed sample locations are presented on Figure 7-4 following this page. A summary of proposed soil sampling is included on Table 7-1, following Figure 7-4. In addition, proposed sample locations at the Parkway Iron & Steel Discharges Area, Drum Storage Area - Bldg. 11 and the Fill Area are presented in greater detail on Figures 7-5, 7-6 and 7-7 also included in this Attachment.

The Pre-ECRA analytical results also indicated some volatile organic contamination of site groundwater. A discussion of the proposed groundwater investigation is included in Subsection 7.2.6.

7.2.1 Parkway Iron & Steel Discharges Area

Soil borings B-1, B-2 and B-3 were drilled northeast of Bldg 10 to address the reported discharges from the Parkway Iron & Steel Company. Samples from these borings were analyzed for PHC, BN+15 and VO+15. The levels of PHC and total target BN compounds detected in shallow borings B-1 and B-2 exceed ECRA guidelines. Although the levels detected could be due to the reported spills from the Parkway Iron & Steel Company facility, they could also be related to the adjacent railroad siding. In order to assess the horizontal and vertical extent of the noted contamination, a total of five soil borings (B-16 through B-20) will be drilled and sampled in the area near Bldg 10. As the analytical results indicate surficial rather than deeper, subsurface contaminants, the borings will be drilled to a total depth of approximately 2.0 to 3.0 feet in this area.

AMERICAN CYANAMID COMPANY/SHULTON INC. USA
CLIFTON, NEW JERSEY

TABLE 7-1

SUMMARY OF PROPOSED SOIL SAMPLING

Area of Concern	Sampling Method	Number/Type Samples	Depth	Analytical Parameters
Parkway Iron & Steel Discharges Area (Near Bldg. 10)	5 soil borings*	4 soil samples 1 soil sample 3 soil samples 2 soil samples	0-6" 0-6" 18"-24" 18"-24"	PHC PHC, BN+15 PHC PHC, BN+15
Former Empty Drum Storage Area - Building 11	3 post excavation samples (soil grab samples)	3 soil samples	Base of excavation (18"- 24" below grade)	BN+15
Fill Area	7 grab samples (soil)	7 soil samples	Base of test (36" - 48" below grade)	PHC, BN+15, VO+15
Orange Material Weasel Brook	4 grab samples	4 sediment samples	0" - 6"	BN+15

PHC: Petroleum Hydrocarbons
BN+15: Base neutral compounds plus 15 peaks
VO+15: Volatile organic compound plus 15 peaks

*: Two samples per boring. All analyzed for PHC and 25% for BN+15.

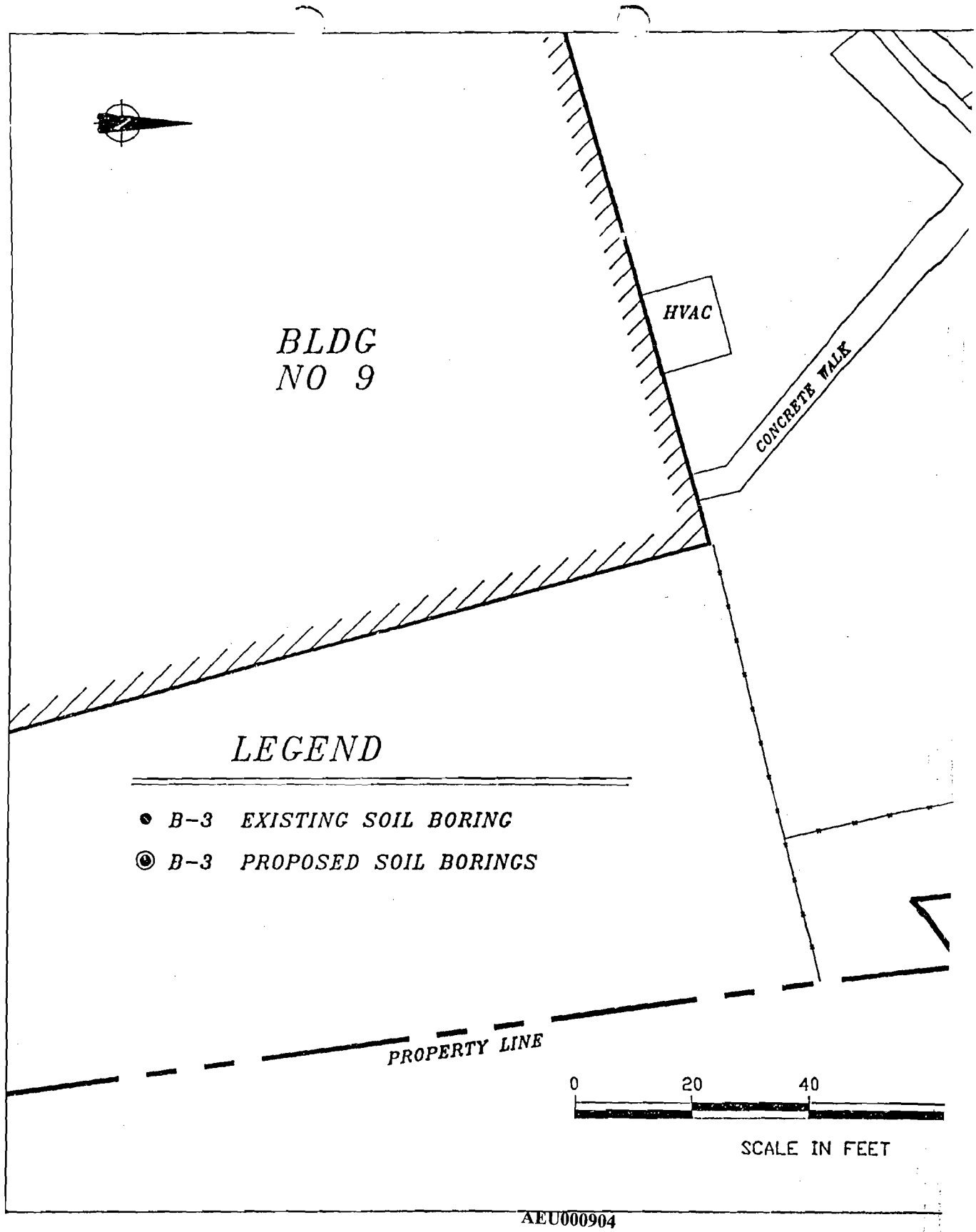
Two samples will be obtained per boring; one sample will be obtained from the surficial interval (0 to 6 inches) and one sample will be obtained at depth (24 to 36 inches). As the contamination appears to be oil and/or petroleum product related, all samples will be analyzed for PHC. The 25 percent of the samples with the highest concentrations of PHC will be analyzed for BN+15 as well. The proposed boring locations are presented on Figure 7-5 provided on the following page.

7.2.2 Former Empty Drum Storage Area - Bldg 11

Three soil borings (B-10, B-11 and B-12) were drilled and sampled at the former empty drum storage area adjacent to Bldg 11. B-10 and B-11 were drilled north of Bldg 11 and B-12 was drilled east of Bldg 11. Samples from the borings were analyzed for PHC, BN+15, VO+15 and PP Metals.

B-10 and B-11 exhibited PHC concentrations of 288 ppm and 536 ppm respectively. As no other contaminants were noted in significant levels, and as the total of target BNs were less than 10 ppm in each sample, and as the site is located in an industrial area, no further action is proposed at the area north of Bldg 11. However, B-12 which was drilled east of Bldg 11 exhibited total target BN compounds of 37.53 ppm. In addition, staining and stressed vegetation was noted along this side of Bldg 11.

Based on the condition of surface soils and the analytical results obtained from B-12, the area around B-12 is proposed to be excavated. Post-excavation soil samples will then be obtained to verify cleanup. The concrete tank saddles located in this area will be removed prior to excavation. The proposed dimensions of the excavation are 10 feet x 15 feet x 3 feet. However, final excavation limits will be based upon field observations and physical constraints (including Bldg 11 and a known sanitary sewer line running north-south approximately 12 feet west of Bldg 11). Excavated soil will be stockpiled on, and covered with, 6 mil



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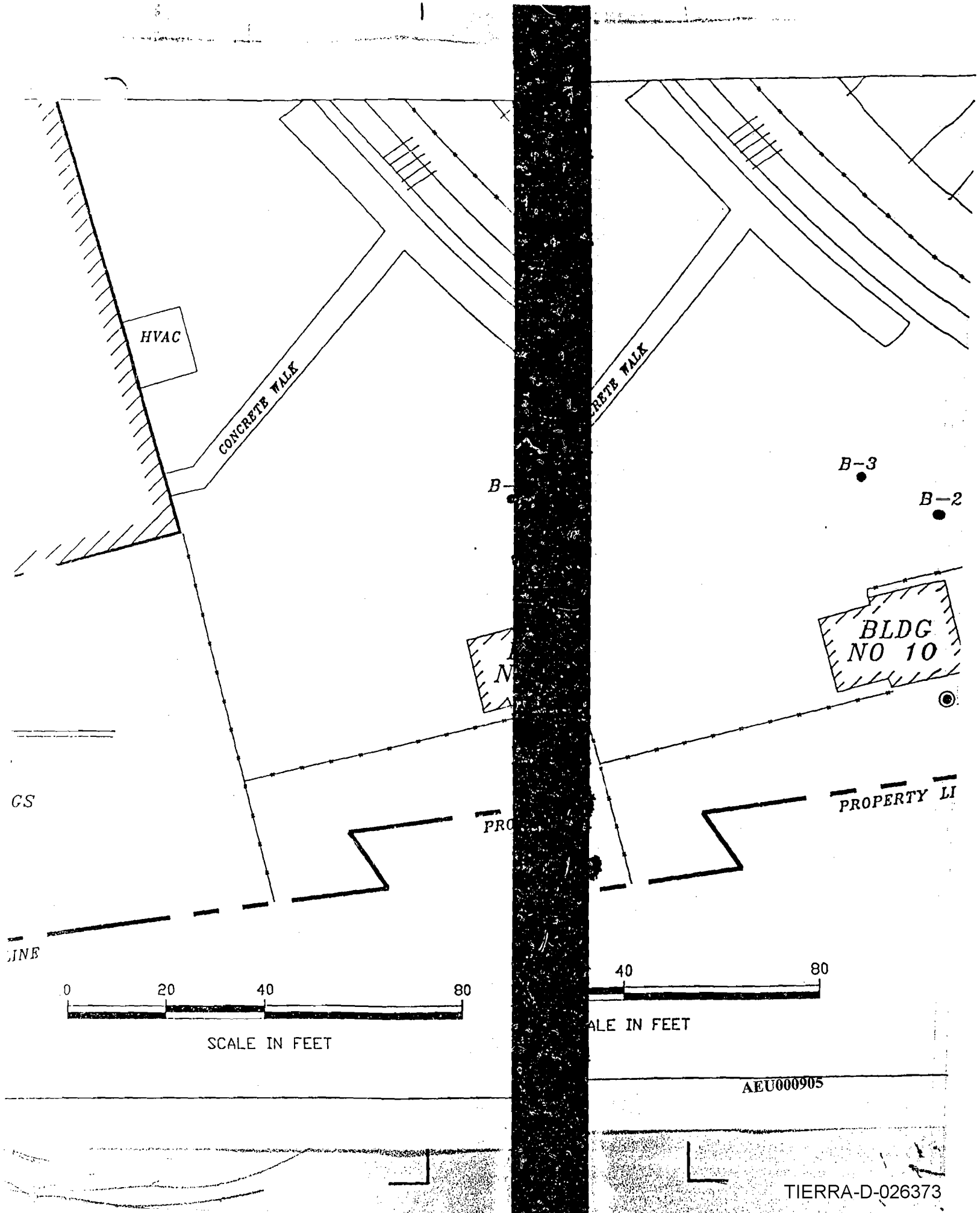
HVAC
CONCRETE WALK
B-3
B-2
BLDG
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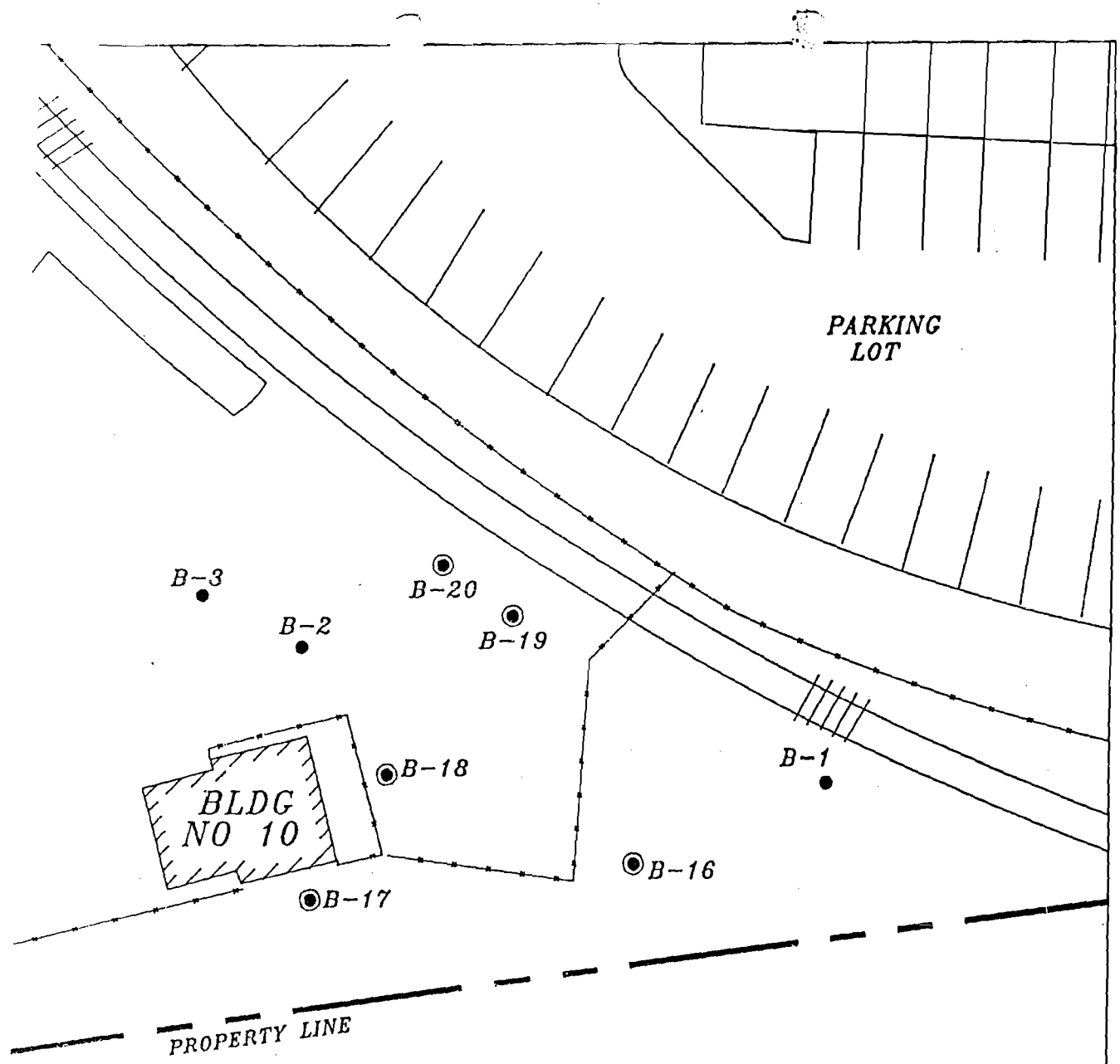

FIGURE 7-5

AMERICAN CYANAMID COMPANY / SHULTON INC., USA
CLIFTON, NEW JERSEY
PROPOSED SAMPLING LOCATIONS
PARKWAY IRON & STEEL DICHARGES AREA

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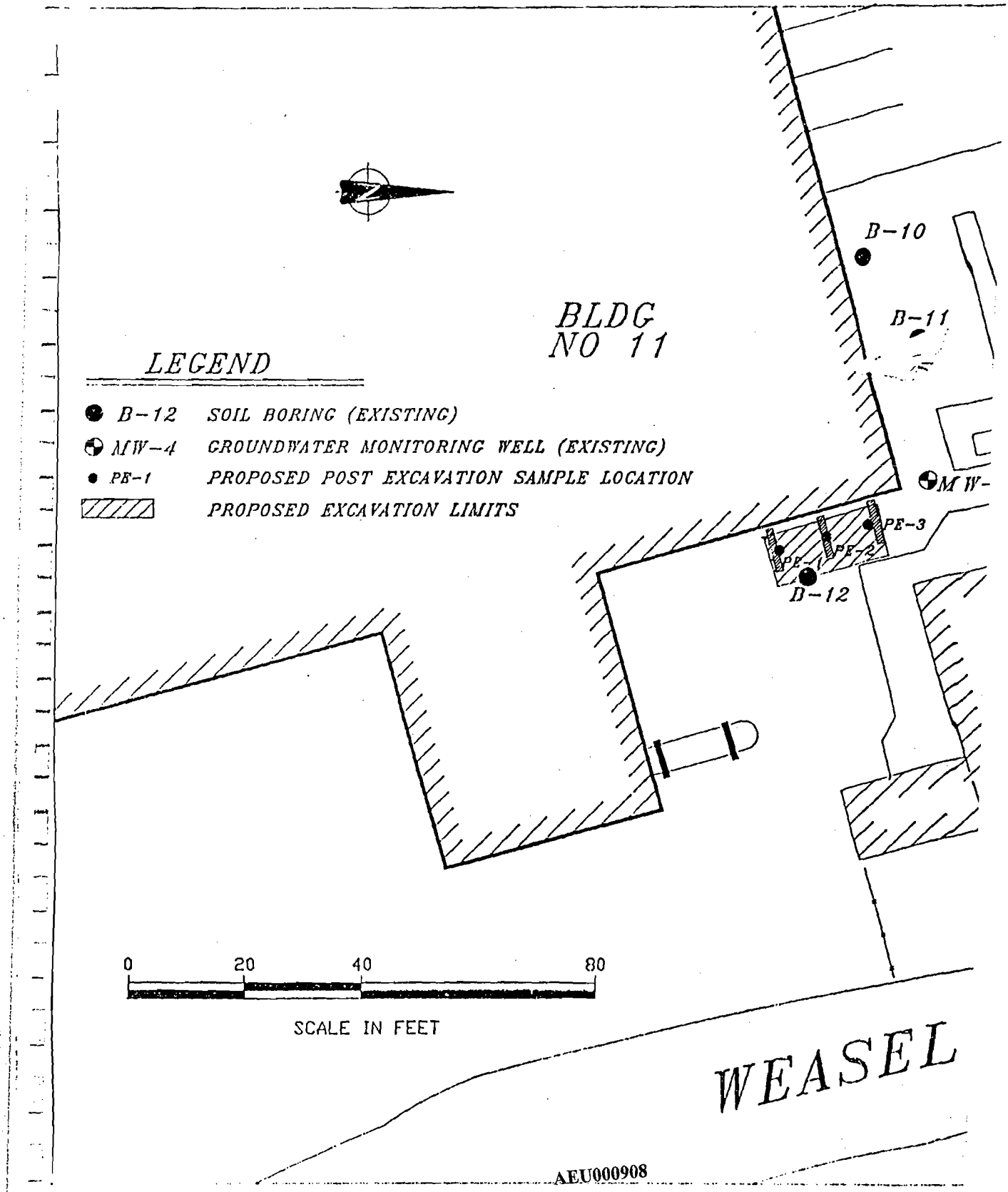
plastic. Three post-excavation samples will be obtained from the base of the excavation and analyzed for BN+15. If bedrock is encountered, samples will be obtained from the sidewalls of the excavation. The approximate limits of the proposed excavation are presented on Figure 7-6 provided on the following page.

One waste classification sample will be obtained from stockpiled materials generated from excavation of this area. As out-of-state disposal of excavated materials is anticipated, waste classification analyses will include total toxicity characteristic leaching procedure (TCLP), pH, flash point, paint filter test and percent solids. Further, if contamination of the excavated materials appears to be petroleum related, analyses for total petroleum hydrocarbons (TPH); benzene, toluene, ethylbenzene and xylene (BTEX) and total organic halides (TOX) will be performed in addition to the referenced parameters.

7.2.3 Fill Area

The samples obtained from the borings drilled in the fill area (B-6 and B-15) were analyzed for PP+40 and PHC. Elevated levels of PHC and relatively low levels of a pesticide 4,4'-DDD (an analogue of DDT) were detected in each of the two samples obtained. Target BN compounds were detected at 12.3 ppm in B-16. In addition, a blue-gray sheen and miscellaneous fill material were noted during soil boring installation.

Two groundwater monitoring wells (MW-8 and MW-9) were installed and sampled downgradient of the fill area. Only lead was detected in a slightly elevated level (83.1 ppb) in the groundwater sample from MW-8. Lead also was found in the only two other wells (MW-4 and MW-9) on site for which PP metals had been included as an analytical parameter. MW-4 showed 13 ppb of lead and MW-9 had 43 ppb of lead. It appears that lead is a background contaminant in the groundwater caused by the industrial nature of the areas surrounding the site.



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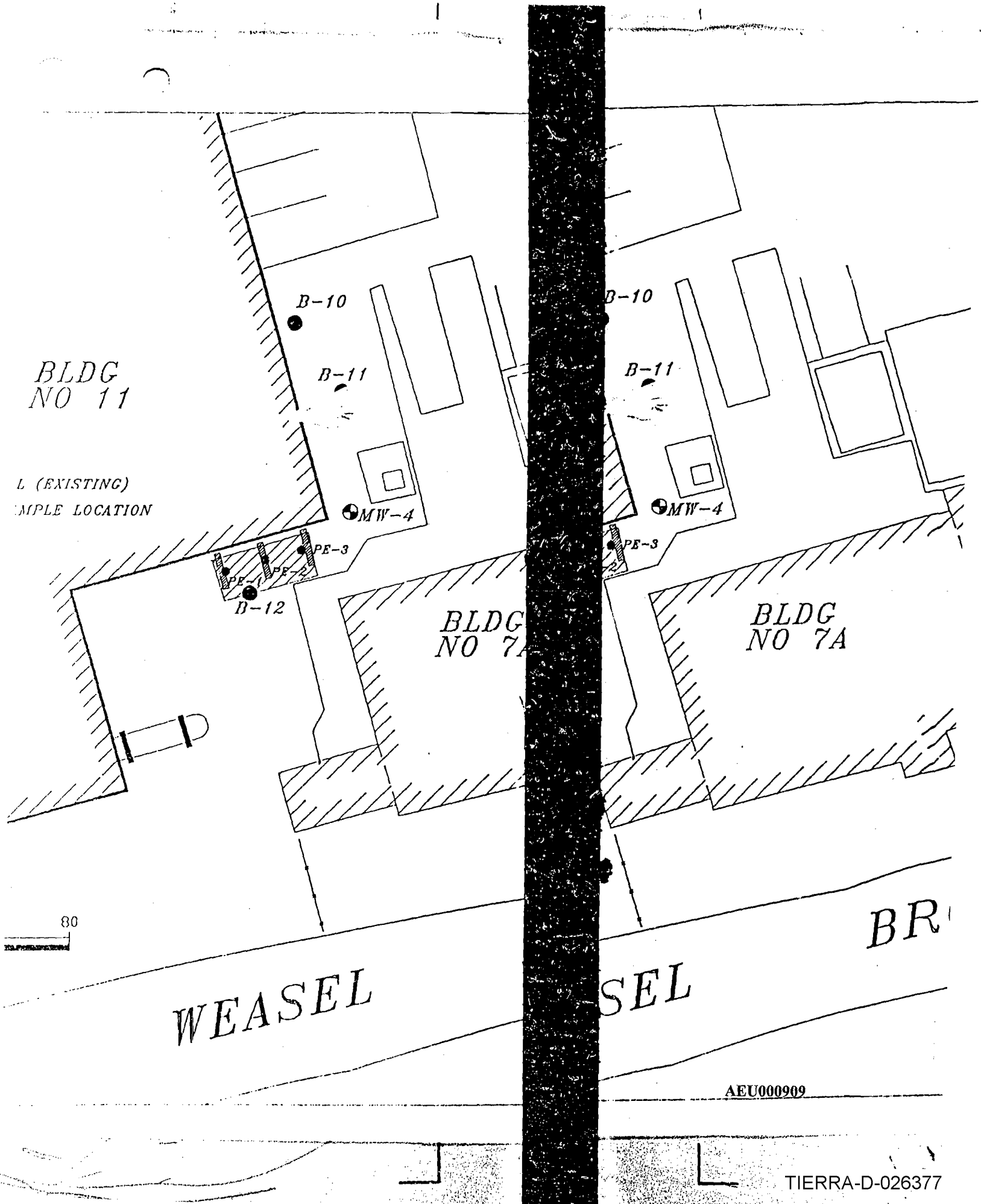

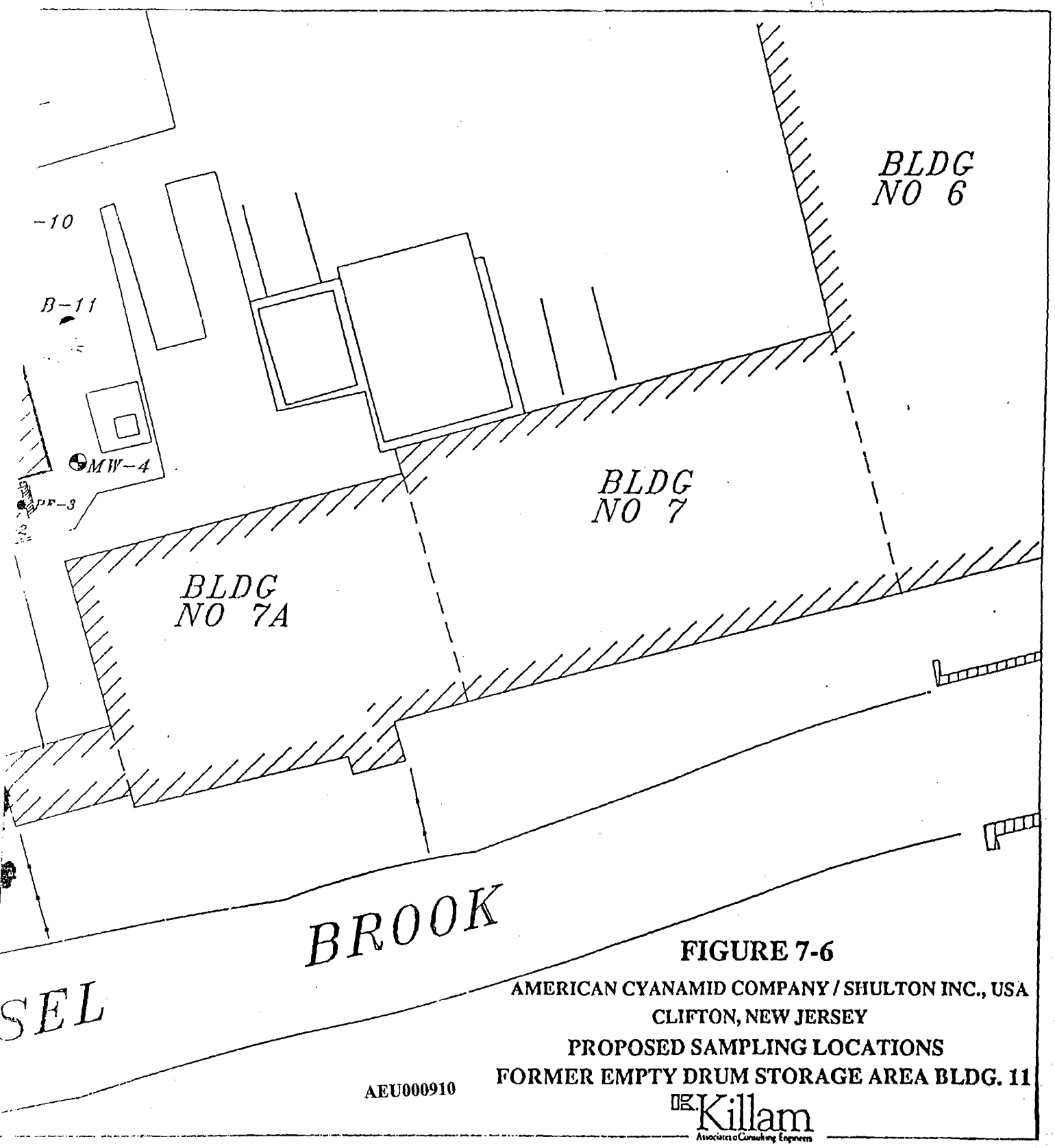

FIGURE 7-6

AMERICAN CYANAMID COMPANY / SHULTON INC., USA
CLIFTON, NEW JERSEY
PROPOSED SAMPLING LOCATIONS
FORMER EMPTY DRUM STORAGE AREA BLDG. 11

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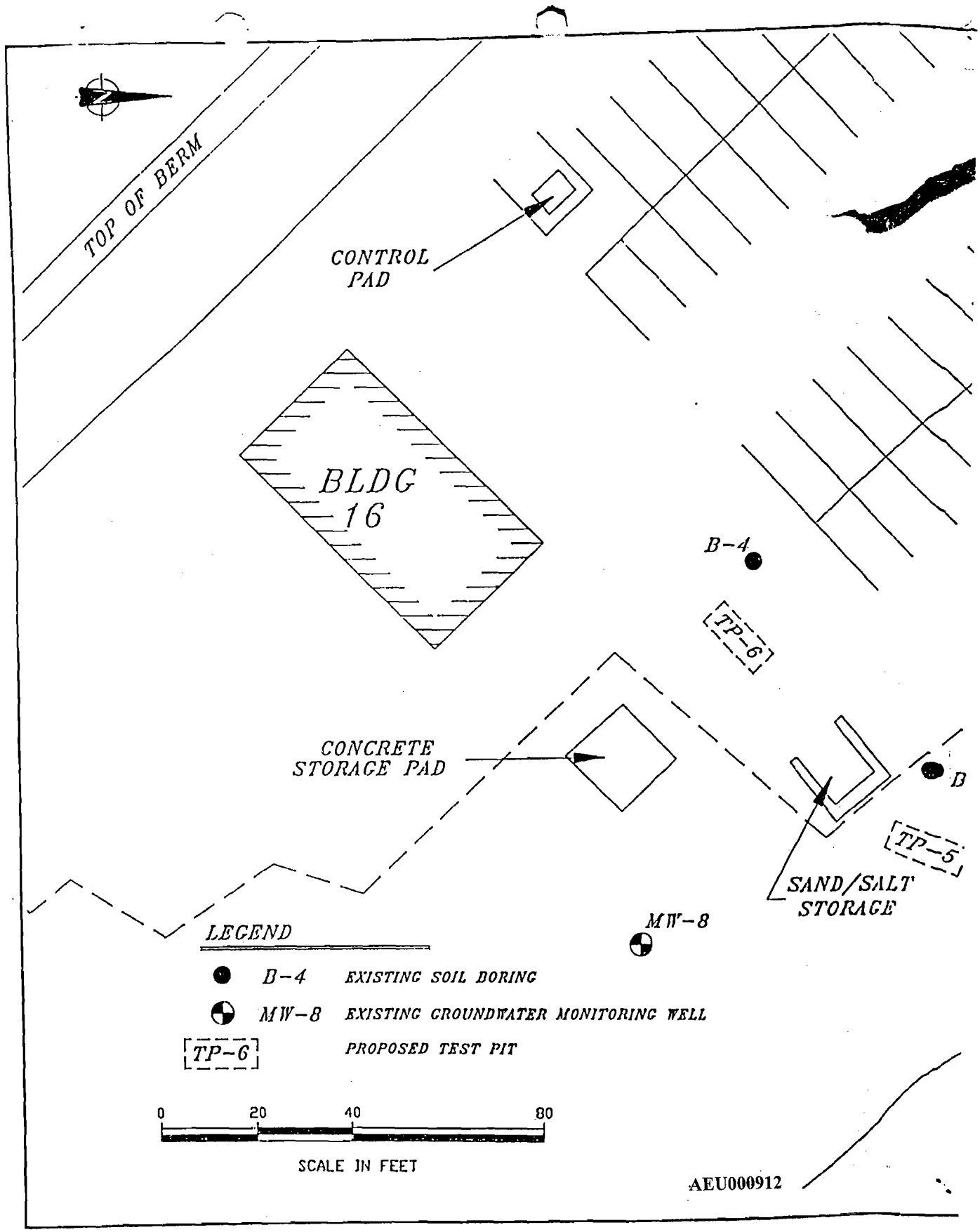
An elevated level of total VO compounds were detected in the groundwater sample obtained from MW-9. The VO compounds detected appeared to be gasoline or oil related, as opposed to the chlorinated solvent compounds detected in varying levels in other wells on site. As the VO compounds found in MW-9 were not found in MW-8, it appears that the contamination is very localized.

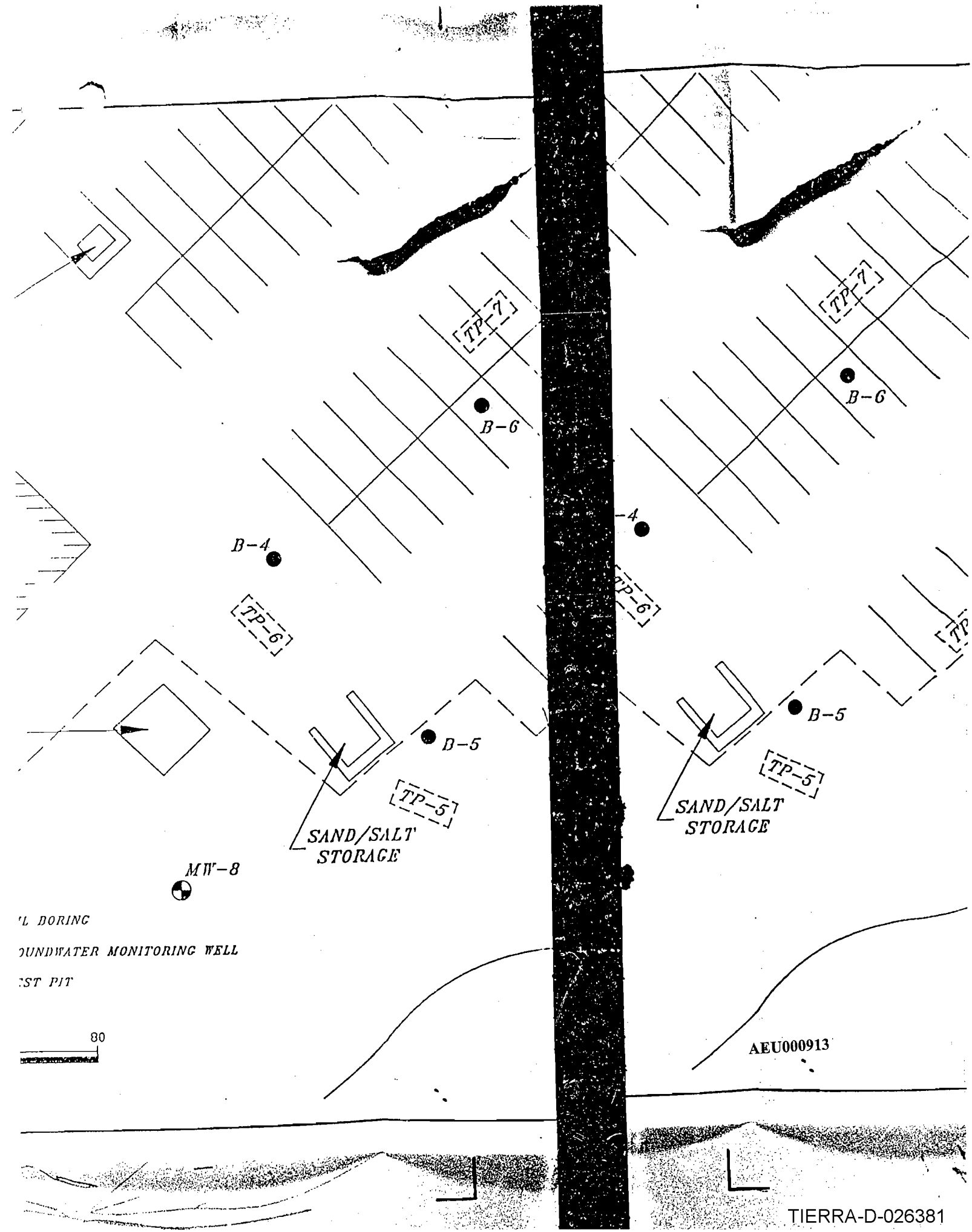
Based upon the analytical results and field observations, test pits will be installed and sampled to further delineate the fill material, and to attempt to assess the localized VO contamination noted in the groundwater sample obtained from MW-9. As shown on Figure 7-7 provided on the following page, a total of seven test pits are proposed at the fill area.

Test pits will be backfilled after soil samples are obtained. If obvious contamination is noted, however, soil will not be returned to the test pits but will be stockpiled upon, and covered with 6 mil plastic. The test pits installed east of B-5, B-7 and B-9 will be utilized to delineate the fill as well as to attempt to determine any potential source of the VO compounds noted in groundwater sample obtained from MW-9.

One soil sample will be obtained from the base of each of the test pits installed in areas of fill. All samples will be analyzed for PHC, BN+15 and VO+15.

One waste classification sample will be obtained from stockpiled materials generated from each area of excavation. As out-of-state disposal of excavated materials is anticipated. Waste classification analyses will include total TCLP, pH, flash point, paint filter test and percent solids. Further, if contamination of the excavated materials appears to be petroleum related, analyses for TPH, BTEX and TOX will be performed in addition to the referenced parameters.





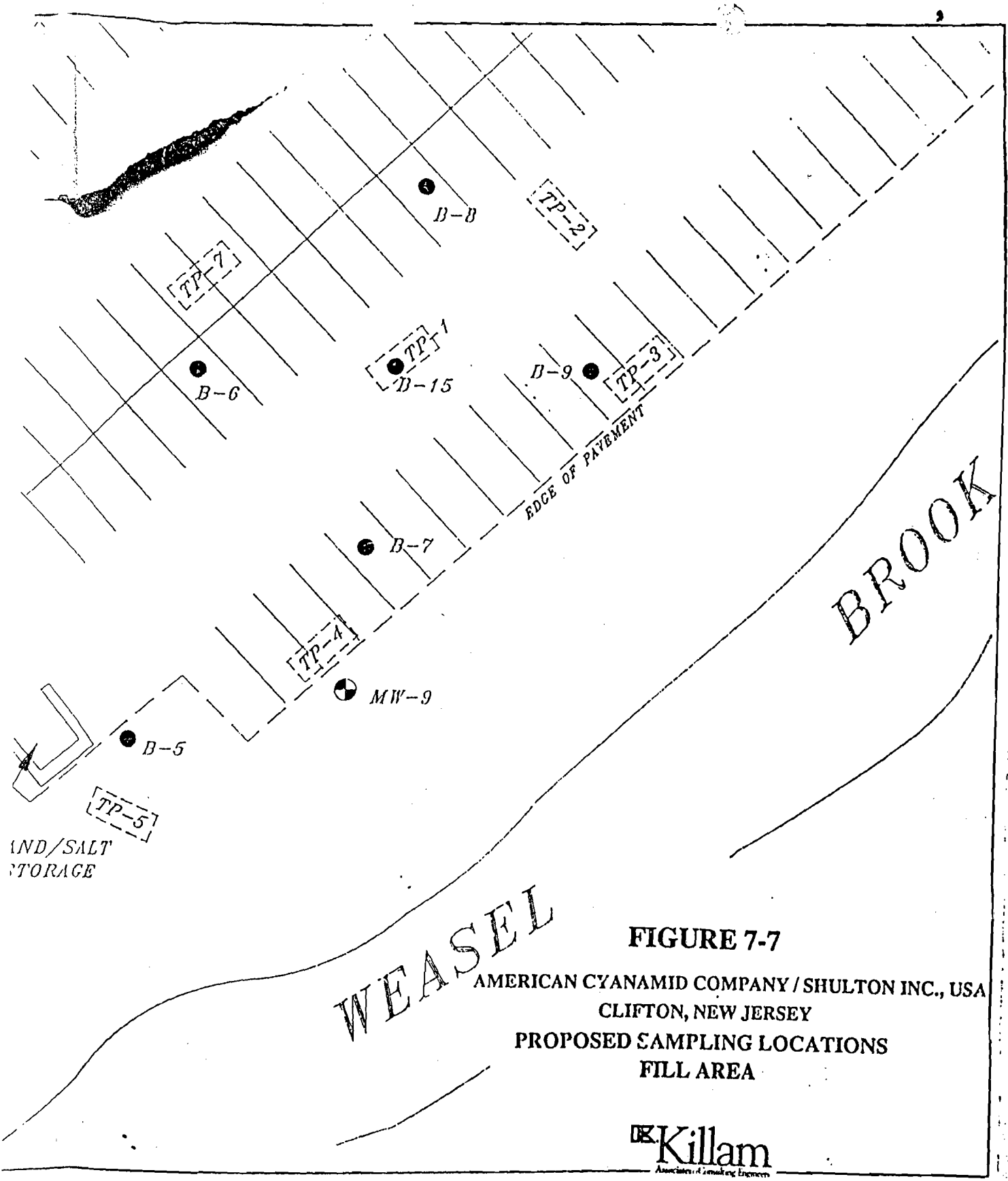


FIGURE 7-7

AMERICAN CYANAMID COMPANY / SHULTON INC., USA
CLIFTON, NEW JERSEY
PROPOSED SAMPLING LOCATIONS
FILL AREA

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7.2.4 Orange Material - Weasel Brook

Two sediment samples, G-1 and G-2, were obtained on site from a drainage swale leading to Weasel Brook and from Weasel Brook itself respectively. These samples were analyzed for PP+40, PHC and iron. Target BN compounds were detected at an elevated level (42.66 ppm) in sample G-1. No other priority pollutant parameters or PHC were detected in elevated levels in the samples.

Iron was detected in significant concentrations (15,400 ppm and 15,300 ppm) in both samples, although at levels within normal ranges for iron in soil in New Jersey.

Four additional sediment samples (G-3 through G-6) will be obtained to verify and delineate the BN contamination detected in G-1. Two samples will be obtained from the drainage swale leading to Weasel Brook, one sample will be obtained from the location of G-1 and one sample will be obtained from the most upgradient on site location in Weasel Brook. Samples will be analyzed for BN+15 only. Given the location of the drainage swale, the BN contamination noted is likely due to either parking lot runoff or an off-site, upgradient source. The approximate locations of the proposed grab samples are presented on Figure 7-4.

7.2.5 Groundwater Investigation

Three wells (MW-5, MW-6 and MW-7) were installed as upgradient wells to address the VO contamination previously noted in wells installed as part of the DICAR work performed on site. Sampling of the three new wells did indicate the presence of the same VO compounds (TCA, TCE and DCE) noted in the DICAR wells, but at lower levels (two of the levels detected were, however, over the ECRA guideline for total VO in groundwater).

As previously discussed, three additional monitoring wells (MW-4, MW-8 and MW-9) were installed to address specific potential areas of concern. The

same chlorinated solvents (TCE, TCA and DCE) were detected in varying concentrations in MW-8 but not in MW-4 or MW-9. A total of seven of the nine wells existing on site exhibited some concentrations of the same chlorinated solvents. It appears that the contamination is at least being contributed to by an off-site source; it is likely evidence of a regional groundwater contamination problem. All site wells are proposed to be sampled and analyzed for VO+15. Also, to confirm analytical results generated from the Pre-ECRA investigation, the sampling of newly installed wells will include all groundwater parameters included in the Pre-ECRA investigation. The proposed analytical parameters are presented in Table 7-2.

7.3 Quality Assurance/Quality Control

7.3.1 Analytical Laboratory and Methods

All analytical services and methodology will be performed in accordance with NJDEP-ECRA protocol and will be performed by Killam Associates' Laboratory or other New Jersey Certified Laboratory. Killam Associates' Laboratory QA/QC program and methodology is included under separate cover in Appendix H.

7.3.2 Sampling Equipment and Procedures

All sampling will be performed in accordance with NJDEP ECRA protocol. Killam Associates' Field Sampling Procedures are provided in Appendix I.

7.4 Health and Safety Plan

7.4.1 General Information

Killam's Health and Safety Program (HASP) was developed in 1983 based on Occupational Safety and Health Administration (OSHA) regulations, New Jersey Department of Environmental Protection (NJDEP) guidance, and United

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CLIFTON, NEW JERSEY

TABLE 7-2
PROPOSED GROUNDWATER SAMPLING

	PHC	VO+15	PP+40*
MW-1	- - -	X	- - -
MW-2	- - -	X	- - -
MW-3	- - -	X	- - -
MW-4	X	- - -	X
MW-5	- - -	X	- - -
MW-6	- - -	X	- - -
MW-7	- - -	X	- - -
MW-8	X	- - -	X
MW-9	X	- - -	X
Trip Blank	- - -	X	- - -
Field Blank	X	X	X

*: PP+40 includes VO+15, ABN+25, Pesticides/PCBs, PP Metals, CN and Phenols

States Environmental Protection Agency (USEPA) Field Investigation Team (FIT) and Technical Assistance Team (TAT) protocols. This program has been reviewed and updated based on practical field experience, new OSHA regulations, and new FIT/TAT protocols. The primary objective of this HASP is to establish safety guidelines, requirements, and procedures as well as contingency planning, prior to any onsite activity. It is also the intent of this program to incorporate the HASPs of subcontractors and/or to be provided to any subcontractors or their representatives involved with hazardous waste operations, excluding Level A type work.

All job tasks at the Shulton site will be performed in standard Level D protection. If necessary, based upon continual air monitoring activities conducted by field personnel, standard level C protection will be donned. It is not anticipated that Level B protection will be required on this project.

7.4.2 Site Specific Hazards

The hazards and risks which could result from planned site activities at Shulton Inc., USA Clifton site are as follows:

- Release of potential hazardous substances into the air during soil boring and test pit installations and water sampling procedures;

- Dermal contact of workers with potentially hazardous materials contained in site soils;

- Windburn, frostbite, and hypothermia; and

- Typical field construction site safety hazards.

The site HASP addresses these risks through a combination of the following measures:

- Assessment of potential hazards of each individual work area;
- Development of required Standard Operating Procedures (SOP) to mitigate identified hazards;
- General health and safety training as well as site specific training for all personnel;
- Monitoring and enforcement of required safety operating procedures; and
- Fostering a high level of hazard awareness and emergency preparedness.

The Corporate Health and Safety Program manual, which is issued to all Killam employees involved in Hazardous Waste Site (HWS) work, contains general policy and specific procedures to be followed when conducting HWS activities. This document is also applicable and is intended for general ECRA site sampling/cleanup activities. The provisions of this specific HASP (contained herein) supercede the corporate program where designated policies and practices reflect a higher level of safety. All HWS employees are administered the basic OSHA 40 hour health and safety training, including an annual 8 hour refresher. In addition, all employees are required to be familiar with the contents of each site specific HASP as well as the Corporate HASP.

The site specific health and safety plan is presented on the following pages. This document along with a copy of Killam's corporate HASP will be made available to all personnel working on site during all field sampling

and cleanup procedures. Emergency information and telephone numbers are also included in Table 7-3. A map showing the location of the site and the nearest hospital is presented as Figure 7-8. Directions to the local hospital are provided in Table 7-4.

7.5 Schedule of Sampling and Reporting

A proposed schedule of sampling and reporting is provided in Figure 7-9.

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KILLAM ASSOCIATES

SITE SAFETY PLAN

SITE NAME: American Cyanamid (Shulton Inc., USA) JOB NO: 170402

ADDRESS: 697 Route 46 SITE CONTACT: John McKnight

Clifton, New Jersey 07015 TELEPHONE: 340-5558

SITE INVESTIGATION TEAM:

KILLAM ASSOCIATES PERSONNEL	RESPONSIBILITIES
Daniel A. Flatin - Geologist	Site Geologist/Field Supervisor
Jennifer A. Nulty - Scientist	Technical Coordinator
Lisa S. Edgerton - Engineer	Project Manager
William F. Hoehlein - Senior Associate	Managing Associate

SITE DECRIPTION: Shulton manufactures and distributes antiperspirant and plastic container components.

WASTE AND TYPES: KNOWN: Petroleum Hydrocarbons, Chlorinated Solvents, Base Neutral Compounds

SUSPECTED: Same

HAZARD EVALUATION: HAZARDOUS OR TOXIC MATERIALS: Waste can involve dermal and inhalation hazards

REACTIVE OR FLAMMABLE MATERIALS: Alcohols stored in drums

OVERALL HAZARD: SERIOUS ____; MODERATE ____; LOW X ; UNKNOWN ____

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PROPOSED ON-SITE ACTIVITIES AND PROJECTED DATES:

Groundwater sampling - Spring 1991

Soil boring drilling and sampling - Spring 1991

Soil removal (excavations and test pits) - Spring 1991

SITE MONITORING PROCEDURES-MONITORING EQUIPMENT REQUIRED: Photoionization detector (HNU).

LEVELS OF PROTECTION REQUIRED AND MONITORING INDICATORS FOR HIGHER LEVELS:

LEVEL	INDICATOR
LEVEL B	N/A
LEVEL C	When taking soil/water samples; if air in breathing zone consistently exhibits 10 ppm above background
LEVEL D	All other times

DECONTAMINATION PROCEDURES TO BE USED FOR PERSONNEL, EQUIPMENT AND SAMPLE CONTAINERS: Dry decon; remove tyvek and mask, bag tyveks & cartridges from respirator, dispose on site: Wash down all sampling equipment with DI water, direct rinse water to soil/pavement on site.

EMERGENCY SERVICES (MAP ATTACHED) AMBULANCE:
(201) 470-5911 or 911

HOSPITAL TELEPHONE AND ADDRESS: Passaic General Hospital, 350 Boulevard, Clifton, New Jersey (201) 365-4300

POLICE AND FIRE SERVICES: Emergency 911 or Police/Fire (201) 470-5911

PLAN PREPARED BY: Jennifer A Nulty PLAN REVIEWED BY: Kyle San Giovanni

DATE: 11/8/90 DATE: 11/8/90

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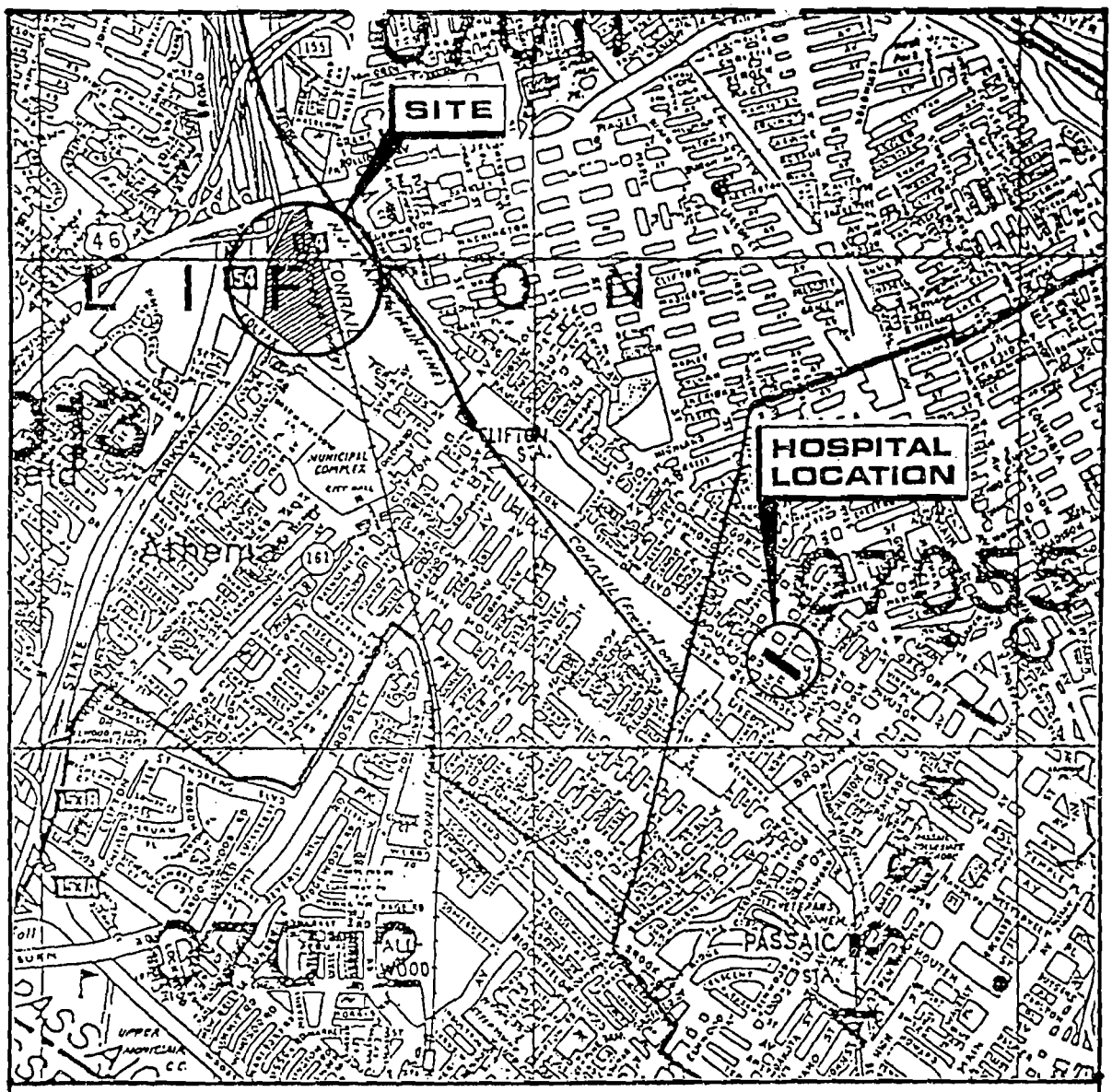
AMERICAN CYANAMID COMPANY/SHULTON, INC., USA
CLIFTON, NEW JERSEY

TABLE 7-3

HEALTH AND SAFETY EMERGENCY INFORMATION

SERVICE & ADDRESS	TELEPHONE NUMBER
Local Police Department 900 Clifton Avenue Clifton, New Jersey	(201) 470-5911
Local Fire Department	(201) 470-5911
Local Ambulance Service	(201) 470-5911
Emergency Spill Reporting (State)	(609) 292-7172
Emergency Spill Reporting (Federal)	(800) 424-8802
Local Emergency Planning Committee: 900 Clifton Avenue P.O. Box 350 Clifton, New Jersey	(201) 470-5800



SCALE: 1" = 2000±'

PASSAIC GENERAL HOSPITAL
350 Boulevard
Clifton, New Jersey

SOURCE: Hagstrom Map Co., Inc.
Passaic County
1990

HOSPITAL LOCATION MAP

D'Killam
Associates • Consulting Engineers

AEU000924

TIERRA-D-026392

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AMERICAN CYANAMID COMPANY/SHULTON INC., USA
CLIFTON, NEW JERSEY

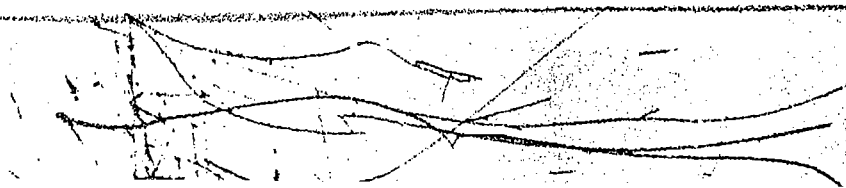
TABLE 7-4

DIRECTIONS TO PASSAIC GENERAL HOSPITAL

- Make a left onto Colfax Avenue; follow to Clifton Avenue
- Make a left onto Clifton Avenue; follow under railroad tracks
- Make a right onto Paulison Avenue; follow to Oak Street
- Make a right onto Oak Street; Hospital is second block on left side
- Emergency Entrance is on Lafayette Street

Passaic General Hospital
350 Boulevard
Clifton, New Jersey

(201) 365-4300



AMERICAN CYANAMID/SHULTON INC., USA
ECRA SCHEDULE AND REPORTING (WEEKS)

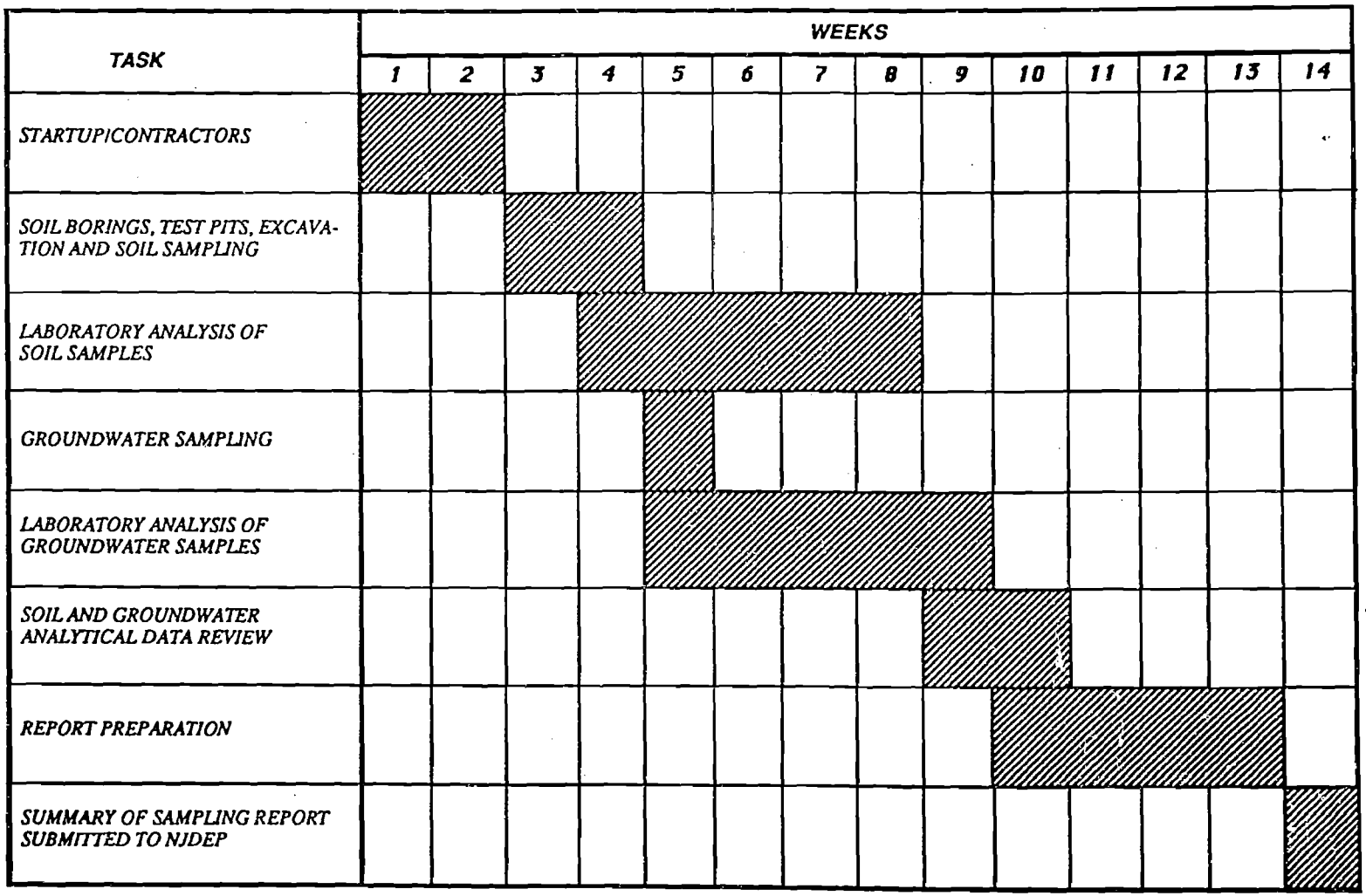


FIGURE 7-9

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ATTACHMENT 8: REQUEST FOR HYDROGEOLOGIC ASSESSMENT

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ATTACHMENT 8: REQUEST FOR HYDROGEOLOGIC ASSESSMENT

11-17-05
Did not grab
the well records

AEU000928

TIERRA-D-026396

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

NEW JERSEY GEOLOGICAL SURVEY

REQUEST FOR HYDROGEOLOGIC ASSESSMENT - ECRA PROGRAM

(To be completed whenever groundwater sampling is proposed or required as part of a Sampling Plan)

Preparer Killam Associates Date 17 October 1990

Name of Industrial Establishment American Cyanamid Co. (Shulton-Clifton site)

City/Township Clifton County Passaic

USGS Quadrangle Orange

Latitude 40° 52′ 15" Longitude 74° 09′ 35"

1. Attach a site map or photo copy of the USGS "Quad" with the location of the site circled or outline in RED and any relevant information (e.g. analyses, well logs, etc.)

2. A. Are wells nearby? X Yes ____ No

   B. Are wells contaminated? ____ Yes X No

   C. To your knowledge, is there an imminent hazard? ____ Yes X No

   D. Mark the location of any known wells near the facility, and complete the following if such information is available. (Use back of sheet for additional remarks.)

	Well Owner	Distance from Edge of Property (ft.)	Depth	Use*	Remarks
1.	M. Giordano	1300	144	D	
2.	James Cannizze	1250	125	D	
3.	Charles Lay	1400	100	D	
4.	Dr. L.P. Duce	1500	170	D	
5.	Henry Mol	3300	100	D	

*P = Public Supply F = Irrigation I = Industrial M = Monitoring D = Domestic

6. G. Van Varick	2700	?	D	
7. J. Kilkin	2600	392	D	
8. D. Staufenberger	2300	131	F	
9. J. Celantano	3300	230	D	
10. N. Minula	1850	310	I	
11. Bolero	3700	350	I	
12. Dr. Tsiciliano	2700	250	D	

3. Briefly describe the nature of the operation (present/past) at this facility.

The Shulton Clifton Facility manufactures and distributes antiperspirant and plastic container components. Research and development and product testing activities for the majority of the Shulton hygiene/household product line are conducted at the Clifton Facility. The Shulton Clifton Facility has been in operation since 1946. Prior land uses have been limited to residental and agricultural.

4. Check known or suspected sources of ground water or soil contamination:

X Drums	X Spill(s)	_____ Lagoon(s)
_____ Septic Tank(s)		_____ Seepage Pit(s)
_____ Below-ground Storage		X Above-ground Storage
_____ Landfill(s)		_____ Industrial Accident
_____ Discharge(s) onto Ground		_____ Other - Explain Below

5. Additional Comments

_____

_____

_____

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ATTACHMENT 9: LABORATORY DECONTAMINATION/DECOMMISSIONING PLAN

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ATTACHMENT 9: LABORATORY DECONTAMINATION/DECOMMISSIONING PLAN

The Shulton Research Division is headquartered at the Shulton Clifton site. Operations conducted in the laboratories on site include research product development and related product testing. Categories supported by the Shulton Research Division are primarily health and beauty aids, and household products. The laboratories are located on the second and third floors of Bldg 2 and Bldg 3, and in Bldg 6, Bldg 7 and Bldg 7A. A total of 41 individual laboratories occupy over 90,000 square feet of building space at the Shulton site.

A laboratory decontamination/decommissioning program was initiated in October, 1990 for the Shulton Research Division. United Enviro Systems, Inc. and Compliance Management, Inc. were contracted to develop and implement this program. The program is being executed in a modular fashion as laboratories are being inactivated sequentially. Laboratory materials first undergo chemical inventory classification, packaging, transportation and disposal per prescribed standards. Laboratories are then decontaminated. The program carried out to date has included sampling of fume hoods and laboratory surfaces prior to cleaning followed by cleaning with non-hazardous detergents and potable water. (Samples were not obtained after cleaning since no significant levels of contamination were detected before cleaning). A Report of the Results of Analysis of Wipe Samples Collected at American Cyanamid Shulton Site prepared by Compliance Management is included in this Attachment. Photographs of typical laboratory areas and equipment after decommissioning are included in Appendix L. Analytical data generated to date from the above referenced wipe sampling is included under separate cover in Appendix N.

Report of the
Results of Analysis of
Wipe Samples
Collected at
American Cyanamid
Shulton Site
Clifton, New Jersey

April 6, 1991

Compliance
Management
Incorporated

53 S. Jefferson Road Whippany, New Jersey 07981

Background

In October, 1990 Compliance Management, Incorporated was retained to evaluate the effectiveness of the decontamination of laboratory fixtures at the American Cyanamid/Shulton site in Clifton. In addition the project would determine levels of any residual contamination.

To evaluate an interior surface, wipe sampling with subsequent laboratory analysis of compounds of interest is used. The project as proposed anticipated using wipe sampling of surfaces before and after the cleaning. The difference between the sampling results would have determined the effectiveness of the cleaning. The results of the post-cleaning sampling would be used for the ECRA review process. Because the pre-cleaning samples did not detect significant levels of contamination, no post-cleaning sampling was performed.

The rooms evaluated were the International Labs, the aerosol room, the old autoclave room, a product development lab and analytical chemistry laboratories in the Administrative Building. These laboratories were used for product development, product evaluation and analytical chemistry. The work surfaces of fumes hoods were sampled in each lab. A biased rather than random sampling scheme was employed. The areas sampled were chosen because of reports of heavy usage, because a wide variety of compounds and products were used in the areas and based on

the evidence of visible staining. Due to the nature of the work and the nature of the products, it is probable a wide diversity of elements and compounds were used at this complex. Many of the materials, especially fragrances and natural components, are defined more by their characteristics than by their chemical composition. A list of site specific compounds used in the labs could not be generated. The target compound list (TCL) semi-volatile compounds, pesticides and herbicides were thus chosen as the analytes of interest.

Sampling and Analysis Methodology

The protocol used for sampling the surfaces was based on the ECRA Remedial Investigation Guide, the NJ DEP Field Sampling Procedures Manual and the US Occupational Safety and Health Administration (OSHA) Field Operations Manual. The protocol calls for using a sterile gauze pad (3 in. x 3 in.), wetted with an appropriate solvent to wipe a selected surface. The selected surfaces in the hood were smooth and non-porous. The most heavily stained areas were chosen for sampling. The area for each sample, 25 cm x 25 cm (625 cm^2), was measured out with a ruler. A wipe was wetted with the appropriate solvent. The area was wiped with firm, even pressure in a raster pattern, first horizontal then vertical. The gauze pads was stored and transported to the laboratory in a glass vial after sampling. A blank was used for each lot of pads and for each solvent. For

the semi-volatile organic compounds, methylene chloride was the solvent of choice; for the pesticides and herbicides, pesticide grade hexane was used. The sampler wore new surgical gloves for each sample to avoid contaminating the sample.

Summary of Analysis Results

On November 29, 1990, two wipe samples were collected from two laboratory fume hoods in the International Labs. The hoods were used for a variety of purposes including product testing and product development. Heavily stained areas on the work surface were chosen for sampling. The samples were analyzed for the presence of semi-volatile compounds and pesticides/herbicides. The results of analyses indicated very low levels of compounds. No pesticides or herbicides were detected in either sample. Three semi-volatile compounds were detected in hood #0262 but two were below the limit of quantitation. Four semi-volatile compounds were detected in hood #1640 but three were below the limit of quantitation. Only one compound, Bis(2-ethylhexyl) Phthalate, was detected in both hoods at levels sufficient for quantitation (7.3 and 6.9 ug/625 cm^2). Both levels are considered low. Phthalates in general, and Bis(2-ethylhexyl) Phthalate in particular, are common compounds found in many inks, pigments, plastics and oils. In addition, this compound was found in the field blank and is a common laboratory contaminant.

Five locations were sampled on January 22, 1991. Samples were taken in the Aerosol room, the old autoclave room (room 280), the developmental lab (room 317J), the "Ladies Choice" room (320G) and one other testing lab (320J). In all cases, the labs were chosen because they were used extensively. Stained work surfaces inside hoods were sampled. The sampling sites thus represent "worst case scenarios." The results of analyses indicated very low levels of semi-volatile compounds. None of the compounds were detected above the quantitation limit. The estimated total level of semi-volatile compounds did not exceed 0.2 ug/625 cm^2 in any sample. No pesticides or herbicides were detected in any of these samples.

Three locations were sampled on January 30, 1991. The samples were collected in fume hoods in the Analytical Chemistry lab. The hoods were chosen based on reports of heavy usage and visible staining. The results of analyses indicated very low levels of semi-volatile compounds. None of the compounds were detected above the quantitation limit. The estimated total level of semi-volatile compounds did not exceed 0.03 ug/625 cm^2 in any sample. No pesticides or herbicides were detected in any of these samples.

Discussion of Results

Currently, the NJ DEP Bureau of Environmental Evaluation and Cleanup Responsibility Assessment (BEECRA) does not have established limits or standards for contaminants on interior surfaces. Rather each site is evaluated on case-by-case basis. Some of the factors involved in the evaluations include the nature of the contaminants present, the level at which they are present and the intended use of the facility. For facilities that will be used in the same, or similar manner, the allowable levels of contamination will be higher than facilities that will have a change of use.

The very low levels of semi-volatile compounds detected and the absence of any detectable levels of pesticides and herbicides indicate that residual contamination is not significant in the sampled areas. Since the areas sampled represented the most heavily used and most heavily stained fume hoods, it can be concluded that there is no significant contamination in other less used and less stained areas. In addition, all horizontal surfaces in the laboratories have been cleaned with soap and water to remove or reduce any residue.

Results of Analysis of Wipe Samples

November 29, 1990

Sample Number/location	Parameter	Results
	Semi-volatile Organics	
International Labs Hood #02062	phenol	0.002 J
	butylbenzyl phthalate	0.0007 J
	bis(2-ethylhexyl) phthalate	7.3
	Total	7.3027
Remaining 53 compounds	None detected with detection limits of 1 to 10 ug/625 cm²	
International Labs Hood #1640	diethyl phthalate	0.0020 J
	butylbenzyl phthalate	0.0019 J
	dibutyl phthalate	0.0076 J
	bis(2-ethylhexyl) phthalate	6.9
	Total	6.9115
Remaining 53 compounds	None detected with detection limits of 1 to 10 ug/625 cm²	

Pesticides

None detected with detection limits of 0.5 to 500 ug/625 cm²

Herbicides

None detected with detection limits of 10 ug/625 cm²

J - Compound was detected at levels below the practical quantitation limit. The level reported is approximate

U - Compound was analyzed for but not detected. The preceding number is the practical quantitation limit for the compound.

Results of Analysis of Wipe Samples

January 22, 1991

Sample Number/location	Parameter	Results	
	Semi-volatile Organics		
S-101-1 Aerosol room, hood along North wall	diethyl phthalate	0.0023	J
	phenanthrene	0.00063	J
	dibutyl phthalate	0.022	J
	fluoranthene	0.00079	J
	butylbenzyl phthalate	0.071	J
	bis(2-ethylhexyl) phthalate	0.079	J
	Total	0.17572	
S-102-1 Room 320 J Hood #2606	phenol	0.022	J
	1,4 dichlorobenzene	0.0016	J
	diethyl phthalate	0.00064	J
	dibutyl phthalate	0.0064	J
	butylbenzyl phthalate	0.023	J
	Total	0.05364	
S-103-1 Room 280 old autoclave room hood #0014	phenol	0.016	J
	1,4 dichlorobenzene	0.0026	J
	naphthalene	0.00082	J
	diethyl phthalate	0.00055	J
	dibutyl phthalate	0.0016	J
	butylbenzyl phthalate	0.0027	J
	Total	0.02427	J
S-104-1 Room 317 J developmental lab hood #1806	phenol	0.020	J
	bis(a-chloroisopropyl) ether	0.00060	J
	naphthalene	0.00097	J
	diethyl phthalate	0.0014	J
	dibutyl phthalate	0.012	J
	butyl benzyl phthalate	0.020	J
	bis(2-ethylhexyl) phthalate	0.13	J
	Total	0.16497	

Results of Analysis of Wipe Samples

January 22, 1991

Sample Number/location	Parameter	Results	
	Semi-volatile Organics		
S-105-1 Room 320 G "Ladies Choice room" Hood #0822	phenol	0.031	J
	1,4 dichlorobenzene	0.0015	J
	diethyl phthalate	0.00075	J
	dibutyl phthalate	0.0063	J
	butylbenzyl phthalate	0.013	J
	bis (2-ethylhexyl) phthalate	0.14	J
	Total	0.19255	
Field Blank	naphthalene	0.00098	J
	bis (2-ethylhexyl) phthalate	0.0013	J
	dioctyl phthalate	0.0014	J
	Total	0.00368	
Method Blank	1,4 dichlorobenzene	0.0011	J
	butylbenzyl phthalate	0.00096	J
	Total	0.00206	

Pesticides

None detected to a level of 0.5 ug/625 cm² in all samples

Herbicides

None detected to a level of 0.5 ug/625 cm² in all samples

Notes: Results are in ug/625 cm²

J indicates that compound was detected at levels below the practical quantitation limit. The level reported is approximate.

Results of Analysis of Wipe Samples

January 30, 1991

Sample Number/location	Parameter	Results	
	Semi-volatile Organics		
S-201-1 Analytical Chem Lab, Hood #4956	1,4 dichlorobenzene	0.0012	J
	naphthalene	0.00084	J
	diethyl phthalate	0.00083	J
	phenanthrene	0.00053	J
	dibutyl phthalate	0.0028	J
	butylbenzyl phthalate	0.0043	J
	Total	0.0105	
S-202-1 Analytical Chem Lab, Hood #4955	1,4 dichlorobenzene	0.0016	J
	naphthalene	0.0011	J
	diethyl phthalate	0.0013	J
	dibutyl phthalate	0.0025	J
	butylbenzyl phthalate	0.0035	J
	Total	0.01	
S-203-1 Analytical Chem Lab, Hood #2050	diethyl phthalate	0.00054	J
	dibutyl phthalate	0.012	J
	butylbenzyl phthalate	0.0021	J
	bis(2-ethylhexyl) phthalate	0.0062	J
	Total	0.02084	J

Pesticides

None detected to a level of 0.5 ug/625 cm^2 in all samples

Herbicides

None detected to a level of 0.5 ug/625 cm^2 in all samples

Notes: Results are in ug/625 cm^2
J indicates that compound was detected at levels below the practical quantitation limit.
The level reported is approximate.

CYANAMID

American Cyanamid Company
Chemicals Group
One Cyanamid Plaza
Wayne, NJ 07470

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

February 28, 1991

Mr. Ken Hart, Acting Assistant Director
Industrial Site Evaluation Management
Division of Hazardous Waste Management
N.J. Department of Environmental Protection
CN 028
Trenton, N.J. 08625

Re: American Cyanamid Company
Clifton, NJ Plant Site
GIS - Early Filer

Dear Mr. Hart:

Pursuant to the meeting held between yourself and Cyanamid representatives in late 1990 regarding the Clifton plant site, enclosed is an ECRA early filing of the General Information Submission (GIS) and the required $2000 application fee.

If there are any questions regarding this submission, please contact me at telephone (201) 831-2074.

Very truly yours,

R.B. Tabakin

Richard B. Tabakin
Manager, Environmental
Remediation

Enclosures:

RBT/st
0597w

AEU000943

ECRA-001
12/87

FOR DEP USE ONLY

Date Rec'd. _____

Notice No. _____

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT
INDUSTRIAL SITE EVALUATION ELEMENT
CN 028, TRENTON, N.J. 08625

ENVIRONMENTAL CLEANUP RESPONSIBILITY ACT (ECRA)

INITIAL NOTICE

GENERAL INFORMATION SUBMISSION (GIS)

This is the first part of a two-part application form. This information must be submitted within 5 days following any applicable situation as specified at N.J. A. C. 7:26B-1.5 or any triggering event as specified at N.J. A. C. 7:26B-1.6. Please refer to the instructions and N.J.A.C. 7:26B-3.2 before filling out this form. Answer all questions. Should you encounter any problems in completing this form, we recommend that you discuss the matter with a representative from the Element. Submitting insufficient data may cause processing delays and possible postponement of your transaction. Please call (609) 633-7141 between the hours of 8:30 a.m. and 4:30 p.m. to request assistance.

PLEASE TYPE OR PRINT

Date 11/9/90

1. A. Industrial Establishment

Name American Cyanamid Company Telephone # (201) 340-6000

Street Address 697 Route 46

City of Town Clifton State NJ Zip Code 07015

Municipality Clifton County Passaic

B. Tax Block Number(s) 28.02 Tax Lot Number(s) 1 and 5

C. Standard Industrial Classification (SIC) Number 2841 and 2844

D. Current Owner(s) (Property)

Name _____ Telephone # (201) 831-2000

Firm American Cyanamid Company

Street Address 1 Cyanamid Plaza

Municipality Wayne State NJ Zip Code 07470

E. Current Business Operator(s) of Industrial Establishment

Name _____ Telephone # (201) 340-6000

Firm American Cyanamid Company

Street Address 697 Route 46

Municipality Clifton State NJ Zip Code 07015

AEU000944

F. Current Owner(s) (Business, if different from operator(s))

Name _____ Telephone # _(___)_____

Firm _____

Street Address _____

Municipality _____ State _____ Zip Code _____

G. Have there been any previous ECRA submissions by this Industrial Establishment or another Industrial Establishment which occupied the same tax block and lot number?

____ Yes __X__ No

If Yes, Name of Industrial Establishment _____

ECRA Case No. _____ Date Submitted _____

Current Status _____

_____

2. Describe the transaction in terms of the action which initiates the ECRA review. (See N.J.A.C. 7:26B-1.5&1.6)

Early filer

3. Is a cessation of operations involved at this location? ____ Yes __X__ No

If Yes, give the date of public release of the decision to close the facility. Date ____/____/____

Is a copy of the public release enclosed? ____ Yes ____ No

If No, state the reason _____

_____

_____

4. If the transaction initiating an ECRA review is an agreement of sale or execution of an option to purchase, fill in the date of execution of that instrument plus provide one (1) copy of the document. Date_____

A. Is a sale involved? ____ Yes __X__ No (If no, skip 4B, C and D.)

B. Date of Agreement/Letter of Intent/Notifications of Option to Purchase ____/____/____

C. Is a copy of the agreement of sale or option to purchase enclosed? ____ Yes ____ No

If No, state the reason _____

_____

D. List other parties (purchasers) to the transaction:

NAME	STREET ADDRESS & MUNICIPALITY	PHONE NO.

5. Date proposed for closure of operations or transfer of title _____

6. Authorized agent designated to work with the Department

Name Linda Doucette-Ashman, Esq. Telephone # (201) 831-2556

Firm American Cyanamid Company

Street Address 1 Cyanamid Plaza

Municipality Wayne State NJ Zip Code 07470

Richard B. Tabakin Telephone: (201)831-2074
American Cyanamid Company
One Cyanamid Plaza, Wayne, New Jersey 07470

ECRA-001
12/87

CERTIFICATIONS:

A. The following certification shall be signed by the highest ranking individual at the site with overall responsibility for that site or activity. Where there is no individual at the site with overall responsibility for that site or activity, this certification shall be signed by the individual having responsibility for the overall operation of the site or activity.

I certify under penalty of law that the information provided in this document is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of N.J.S.A. 13:1K-6 et seq., I am personally liable for the penalties set forth at N.J.S.A. 13:1K-13

Typed/Printed Name L.E. Tilton Title President, Lederle Consumer Health Products

Signature L. E. Tilton Date 12/12/90

Sworn to and Subscribed Before Me
on this 27th
Date of February 1991

Audrey J. Sayers
Notary

AUDRY J. SAYERS
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES DECEMBER 6, 1994

B. The following certification shall be signed as follows:

1. For a corporation, by a principal executive officer of at least the level of vice president;
2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
3. For a municipality, State, Federal or other public agency, by either a principal executive officer or ranking elected official.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate, or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of N.J.S.A. 13:1K-6 et seq., I am personally liable for the penalties set forth at N.J.S.A. 13:1K-13

Typed/Printed Name D.C. Droste Title Vice President

Signature D.C. Droste Date Feb 27, 1991

Sworn to and Subscribed Before Me
on this 27th
Date of February 1991

Audrey J. Sayers
Notary

AUDRY J. SAYERS
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES DECEMBER 6, 1994

AEU000947

ECRA-011
12/88

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
INDUSTRIAL SITE EVALUATION ELEMENT

ENVIRONMENTAL CLEANUP RESPONSIBILITY ACT (ECRA)

FEE SUBMITTAL FORM

THIS FORM MUST BE RETURNED WITH ANY APPLICATION OR FILING

Case # (if known) _____

Case Name (Active Cases) American Cyanamid Company

Name of Business/Owner for Applicability Determination _____

Check drawn from account of _____ Check/M.O.# _____

Amount enclosed $2,000.

PUT AN "X" IN THE APPROPRIATE PAYMENT BLOCK(S)

	Normal Fee	ACTIVITY		Small Business Fee	
		Initial Notice Review			
☒	$ 2,000	without a Sampling Plan		$ 750	☐
☐	$ 3,000	with Sampling Plan with UGT analysis. No GW monitoring		$ 1,500	☐
☐	$ 5,000	with Sampling Plan other than 2 above or 4 below		$ 3,000	☐
☐	$ 7,500	with Sampling Plan that includes GW monitoring		$ 4,500	☐
☐	$ 1,000	Sampling Data Review		$ 1,000	☐
☐	$ 500	Negative Declaration Review		$ 250	☐
		Cleanup Plan Review			
		(Based on Cost)			
☐	$ 1,000	$1 - $9,999		$ 1,000	☐
☐	$ 2,500	$10,000 - $99,999		$ 2,500	☐
☐	$ 5,000	$100,000 - $499,999		$ 5,000	☐
☐	$ 8,000	$500,000 - $999,999		$ 8,000	☐
☐	$11,000	over $1,000,000		$11,000	☐
		Cleanup Oversight Plan			
		(Based on Cost)			
☐	$ 1,000	$1 - $9,999		$ 1,000	☐
☐	$ 3,000	$10,000 - $99,999		$ 3,000	☐
☐	$ 7,000	$100,000 - $499,999		$ 7,000	☐
☐	$10,000	$500,000 - $999,999		$10,000	☐
☐	$12,000	over $1,000,000		$12,000	☐
		Other			
☐	$ 200	Applicability Determination		$ 200	☐
☐	$ 300	De minimus Quantity Exemption		$ 300	☐
☐	$ 500	Limited Conveyance Review		$ 250	☐
☐	$ 2,000	Administrative Consent Order		$ 2,000	☐
☐	$ 500	Amendment to ACO		$ 500	☐
☐	$ 350	Confidentiality Claim		$ 350	☐

OFFICE USE ONLY

BEAC No.

AEU000948

Killam
Associates ▫ Consulting Engineers

27 Bleeker Street
P.O. Box 1008
Millburn, NJ 07041-1008
Telephone: 201-379-3400
Fax: 201-912-2400
Telex: 64-2057

ENVIRONMENTAL CLEANUP RESPONSIBILITY ACT
SITE EVALUATION SUBMISSION
FOR THE
AMERICAN CYANAMID COMPANY
SHULTON INC., USA SITE
CLIFTON, NEW JERSEY

VOLUME II

APRIL, 1991

Prepared for:
American Cyanamid Company
Wayne, New Jersey

KILLAM ASSOCIATES
27 Bleeker Street
Millburn, N.J. 07041

AEU000949

Killam

APPENDIX A

1989 RIGHT TO KNOW SURVEY

Killam

APPENDIX B

1990 ANNUAL WASTE GENERATOR REPORT

CYANAMID

American Cyanamid Company
697 Route 46
Clifton, NJ 07015

March 1, 1991

New Jersey Department of Environmental Protection
Bureau of Revenue
428 East State Street , CN 417
Trenton, New Jersey 08625
Attention: Manifest Section- Annual Reports

Dear Sir,

Enclosed please find one copy of the 1990 Hazardous Waste Report for Ameriacn Cyanamid Company for activities conducted durring the 1990 calendar year. Also, enclosed is a check for $300.00 dollars to cover the annual fee.

If there are any questions concerning this report, please call me at 201-340-6751.

Sincerely,

John McKnight

John McKnight

AMERICAN CYANAMID COMPANY

HOUSEHOLD - CLIFTON, NJ 07015

CHECK No. 49302933 62-23/311

THIS CHECK IS IN FULL PAYMENT OF THE ITEMS LISTED BELOW.

OUR NO	INV. DATE	INV NO	GROSS AMT.	CASH DISC'T.	NET AM'T.
	4932933		300.00		300.00

PAY ******$300.00*

DOLLARS | CENTS

DATE 02/25/91

VOID AFTER 90 DAYS

TO THE ORDER OF

TREASURER, STATE OF NEW JERSEY

AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE-NOT VALID UNLESS COUNTER-SIGNED IF DRAWN FOR MORE THAN $2,500.00

MORGAN BANK (DELAWARE)
MORGAN CHRISTIANA CENTER
500 STANTON-CHRISTIANA ROAD
NEWARK, DELAWARE 19713-2107

AEU000953

⑈49302933⑈ ⑆031100238⑆ 230 23 147⑈

OFFICE USE ONLY
Ann. Fee _____
RA _____
Date _____
Rec'd By _____

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1990
CERTIFICATION FORM

ITEM 1 USEPA Identification (Generator) Number: NJD002190304

ITEM 2 Generator (Company) Name: AMERICAN CYANAMID COMPANY

ITEM 3 Contact Person: JOHN MCKNIGHT

ITEM 4 Phone Number: 201-340-6751

ITEM 5 Certification:

I certify that the information given in this annual report is true, accurate and complete.

JOHN MCKNIGHT (Print or type name) John McKnight (Signature) 2/15/91 (Date)

ITEM 6 Place an X next to the letter that applies:

A ____ This site (company) manifested less than 1.33 tons of hazardous waste for the calendar year 1990 (No Fee)

B ____ This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during the calendar year 1990 (Fee $200)

C _X_ This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during the calendar year (Fee $300)

D ____ This site (company) manifested 100 tons or more of hazardous waste during the calendar year (Fee $400)

ITEM 7 Federal Vendor Identification Number (Tax Identification Number)

13-0430890

PLEASE SUBMIT CHECK WITH YOUR COMPLETED REPORT.

C

CONVERSION TABLE

Tons = Gallons (G) x $\frac{8.34}{2000}$

= Pounds (P) divided by 2000

= Cubic Yards (Y) x $\frac{1684.8}{2000}$

= Liters (L) x $\frac{2.203}{2000}$

= Kilograms (K) x $\frac{2.204}{2000}$

OMB# 2050-0024 Expires 3-31-92

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: AMERICAN CYANAMID COMPANY
697 ROUTE 46
CLIFTON, NEW JERSEY 07015

EPA ID NO. NJD|0|0|2|1|1|9|1|0|1|3|1|0|1|4|

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 7 of the 1990 Hazardous Waste Report booklet before completing this form.

SEC. I Site name and location address. Complete items A through H. Check the box ☒ in items A, B, D, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 7.

A. EPA ID No. Same as label ☒ or ——— | | | | | | | | | | | | | |

B. Site/company name Same as label ☒ or ———

C. Has the site name associated with this EPA ID changed since 1987? ☒ 1 Yes ☐ 2 No

D. Street name and number. If not applicable, enter industrial park, building name or other physical location description. Same as label ☒ or ———

E. City, town, village, etc. Same as label ☒ or ———

F. County

G. State Same as label ☒ | | |

H. Zip Code Same as label ☒ | | | | | – | | | | |

SEC. II Mailing address of site. Instruction page 7.

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III) ☐ 2 No (COMPLETE SEC. II)

B. Number and street name of mailing address

C. City, town, village, etc.

D. State | | |

E. Zip Code | | | | | – | | | | |

SEC. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 7.

A. Please print: Last name	First name	M.I.	B. Title	C. Telephone
McKnight	John	M	Environmental Engineer	2 0 1 : 3 4 0 – 6 7 5 1 Extension

SEC. IV Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distributed, or the services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the combined activities of the site. Instruction page 8.

A.	B.	C.	D.
2 8 4 1	2 8 4 4	N/A	N/A

SEC. V I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. Number of form pages submitted: Form IC | 1 | 2 | Form GM | 1 | 2 | Form WR | | | Form PS | | |

B. Please print: Last name	First name	M.I.	C. Title
Titmas	John	E.	Plant Engineer

D. Signature: John E Titmas

E. Date of signature: 0 2 (MO.) 1 6 (DAY) 9 1 (YR)

OVER →

Sec. VI Generator Status

A. 1990 generation (CHECK ONE BOX BELOW) Instruction page 8

- ☐ 1 No (CONTINUE TO BOX B)
- ☒ 2 LQG ┐ (SKIP TO SEC. VII)
- ☐ 3 SQG ┘

B. Reason for not generating (CHECK ALL THAT APPLY) Page 10

- ☐ 1 Never generated
- ☐ 2 Out of business
- ☐ 3 Only excluded or delisted waste
- ☐ 4 Only non-hazardous waste
- ☐ 5 Periodic or occasional generator
- ☐ 6 Waste minimization activity
- ☒ 7 Other (SPECIFY IN COMMENTS)

Sec. VII On-Site Waste Management Status

A. Storage Instruction page 11	B. RCRA treatment, recycling, or disposal Page 11	C. Exempt treatment, recycling, or disposal Page 12
[1]	[A]	[1]

Sec. VIII Waste Minimization Activity during 1989 or 1990

A. Did this site begin or expand a source reduction activity during 1989 or 1990? Instruction page 12	B. Did this site begin or expand a recycling activity during 1989 or 1990? Page 13	C. Did this site conduct a source reduction or recycling opportunity assessment during 1989 or 1990? Page 13
☐ 1 Yes ☒ 2 No	☐ 1 Yes ☒ 2 No	☐ 1 Yes ☒ 2 No

D. What factors have limited this site from initiating new source reduction activities during 1989 or 1990? (CHECK ALL THAT APPLY) Page 13

- ☐ 01 No factors have limited new source reduction activities.
- ☐ 02 Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ 03 Lack of technical information on source reduction techniques applicable to the specific production processes.
- ☐ 04 Source reduction is not economically feasible; cost savings in waste management or production will not recover the capital investment.
- ☐ 05 Concern that product quality may decline as a result of source reduction.
- ☐ 06 Technical limitations of the production processes.
- ☐ 07 Permitting burdens.
- ☒ 08 Other (SPECIFY IN COMMENTS)

E. What factors have limited this site from initiating new on-site or off-site recycling activities during 1989 or 1990? (CHECK ALL THAT APPLY) Page 13

- ☐ 01 No factors have limited new recycling activities.
- ☐ 02 Insufficient capital to install new recycling equipment or implement new recycling practices.
- ☐ 03 Lack of technical information on recycling techniques applicable to this site's specific production processes.
- ☐ 04 Recycling not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ 05 Concern that product quality may decline as a result of recycling.
- ☐ 06 Requirements to manifest wastes inhibit shipments off site for recycling.
- ☐ 07 Financial liability provisions inhibit shipments off site for recycling.
- ☐ 08 Technical limitations of product processes inhibit shipments off site for recycling.
- ☐ 09 Techical limitations of production processes inhibit on-site recycling.
- ☐ 10 Permitting burdens inhibit recycling.
- ☐ 11 Lack of permitted off-site recycling facilities.
- ☐ 12 Unable to identify a market for recyclable materials.
- ☒ 13 Other (SPECIFY IN COMMENTS)

Comments:

D&E . Manufacturing will be terminated in August of 1991 at this site. The majority of our waste has been laboratory waste and the labs were decommisioned in the latter part of 1990. We anticipate a significant reduction in hazardous waste generation in 1991.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD010212903

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): LABORATORY CHEMICALS GENERATED BY THE CLEANING OUT OF CLOSED LABORATORIES DUE TO THE SELLING OF THE BUSINESS

B. EPA hazardous waste code (Page 15)				C. State hazardous waste code (Page 16)	
X18510	N/A	N/A	N/A	X18510	N/A

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2818414	A169	B10109	Code 1
			System type M

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
	1. 2. 3. 4. 5. 6.

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
N/A	510916	1	. 1 lbs/gal 2 kg	1 Yes (CONTINUE TO SYSTEM 1) 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M		M	

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) XX1 Yes (CONTINUE TO BOX B) 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	ARD106974819 2	M0143	510916
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) 1 Yes (CONTINUE TO BOX B) XX2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W / W W	1 Yes 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD010212903 04

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE SOLVENT USED TO CLEAN HYDRAULIC FILTERS, TOOLS AND PARTS AT A CLEANING STATION.

B. EPA hazardous waste code (Page 15)				C. State hazardous waste code (Page 16)	
D001	N/A	N/A	N/A	D010	D013

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2844	A05	B201	Code 1

System type M

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
1	1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
1888	2408	1	N/A . N/A ☐1 lbs/gal ☐2 sg	☐1 Yes (CONTINUE TO SYSTEM 1) XX2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M		M	

Sec. III

A. Was this waste shipped off site? (Instruction Page 18) XX1 Yes (CONTINUE TO BOX B) ☐2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 18)	C. System type (Page 18)	D. Total quantity shipped in 1990 (Page 18)
Site 1	NJD010017618	MD61	21401 8
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐1 Yes (CONTINUE TO BOX B) XX2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W W W	☐1 Yes ☐2 No		.	

Comments: lc.: D018

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD010212903 04

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE OIL CONTAMINATED RAGS USED IN WIPING UP OIL ASSOCIATED WITH PRODUCTION MACHINERY

B. EPA hazardous waste code (Page 15): NA | NA | NA | NA

C. State hazardous waste code (Page 16): X172 16

D. SIC code (Page 16): 2844

E. Source code (Page 16): A119

F. Form code (Page 16): B131

G. Origin (Page 16): Code 1 — System type MINIA

H. TRI constituent (Page 17): 1

I. CAS numbers (Page 17): 1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1989 (Instruction Page 17): 10

B. Quantity generated in 1990 (Page 17): 5116

C. UOM (Page 18): 1

D. Density (Page 18): N/A . N/A — ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 18): M

Quantity treated, disposed or recycled in 1990 (Page 15):

SYSTEM 2

System type (Page 18): M

Quantity treated, disposed or recycled in 1990 (Page 18):

Sec. III

A. Was this waste shipped off site? (Instruction Page 19): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NYD014381570 3	M132	5116
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20): ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W / W	☐ 1 Yes ☐ 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE [illegible]TIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD010211903 04

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 18): WASTE HYDRAULIC OIL FILTERS GENERATED BY FILTERING OIL WITH A RECLAMING MACHINE.

B. EPA hazardous waste code (Page 15)				C. State hazardous waste code (Page 16)	
N/A	N/A	N/A	N/A	X726	

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2644	A515	B310	Code 1; System type MNA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
1	1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
0	12010	1	N/A . N/A ☐1 lbs/gal ☐2 sg	☐1 Yes (CONTINUE TO SYSTEM 1) ☒2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M		M	

Sec. III

A. Was this waste shipped off site? (Instruction Page 18) ☒1 Yes (CONTINUE TO BOX B) ☐2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD041318117517013	M18	12010
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐1 Yes (CONTINUE TO BOX B) ☒2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W / W W	☐1 Yes ☐2 No		.	

Comments:

AEU000961

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD002190304

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 18): Flammable low-level radioactive material used in Laboratory Experiments

B. EPA hazardous waste code (Page 15): D001 F001 F005 NA

C. State hazardous waste code (Page 16): R001 NA

D. SIC code (Page 16): 2844

E. Source code (Page 16): A59

F. Form code (Page 16): B203

G. Origin (Page 16): Code 1; System type M NA

H. TRI constituent (Page 17): 1

I. CAS numbers (Page 17): 1. ______ 2. ______ 3. ______ 4. ______ 5. ______

Sec. II

A. Quantity generated in 1989 (Instruction Page 17): 0

B. Quantity generated in 1990 (Page 17): 300

C. UOM (Page 18): 1

D. Density (Page 18): ___ . ___ ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

SYSTEM 1 — System type (Page 18): M ___; Quantity treated, disposed or recycled in 1990 (Page 18): ______

SYSTEM 2 — System type (Page 18): M ___; Quantity treated, disposed or recycled in 1990 (Page 18): ______

Sec. III

A. Was this waste shipped off site? (Instruction Page 18)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
1	NY00491178296	M041	300
2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21): W__ W__ W__ W__

C. Other effects (Page 21): ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1990 due to new activities (Page 21): ______

E. Activity/Production Index (Page 21): ___ . ___

F. Source Reduction Quantity (Page 22): ______

Comments:

AEU000962

TIERRA-D-026430

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD002190304

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 15: RAW STOCK OF FLAMMABLE AND COMBUSTIBLE CHEMICALS THAT WERE DISPOSED OF AS PART OF THE LABORATORY DECOMMISIONING

B. EPA hazardous waste code Page 15: D001 | NA | NA | NA

C. State hazardous waste code Page 16: D001 | X900

D. SIC code Page 16: 2844

E. Source code Page 16: A56

F. Form code Page 16: B201

G. Origin Page 16: Code 1; System type MNA

H. TRI constituent Page 17: 1

I. CAS numbers Page 17: 1. ______ 2. ______ 3. ______ 4. ______ 5. ______

Sec. II

A. Quantity generated in 1989 Instruction Page 17: 0

B. Quantity generated in 1990 Page 17: 895

C. UOM Page 18: 5

D. Density Page 18: NA . NA ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 18: ☐ 1 Yes (CONTINUE TO SYSTEM 1) XX 2 No (SKIP TO SEC. III)

SYSTEM 1 — System type Page 18: M___ ; Quantity treated, disposed or recycled in 1990 Page 18: ______

SYSTEM 2 — System type Page 18: M___ ; Quantity treated, disposed or recycled in 1990 Page 18: ______

Sec. III

A. Was this waste shipped off site? Instruction Page 19: XX 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1990 Page 19
Site 1	NJD002454544	M061	895
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) XX 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21	C. Other effects Page 21	D. Quantity recycled in 1990 due to new activities Page 21	E. Activity/Production index Page 21	F. Source Reduction Quantity Page 22
W___ W___ W___ W___	☐ 1 Yes ☐ 2 No		.	

Comments:

AEU000963

TIERRA-D-026431

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD010212903 04

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): FLAMMABLE LABORATORY WASTE GENERATED THROUGH EXPERIMENTS

B. EPA hazardous waste code (Page 15)		C. State hazardous waste code (Page 16)	
D001	F003	D001	D003

D. SIC code (Page 16)	E. Source code (Page 18)	F. Form code (Page 16)	G. Origin (Page 18)
2814	A59	B2201	Code 1; System type MNA

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
1	1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
29900	12555	5	NA . NA ☐1 lbs/gal ☐2 kg	☐1 Yes (CONTINUE TO SYSTEM 1) ☒2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M		M	

Sec. III

A. Was this waste shipped off-site? (Instruction Page 19) ☒1 Yes (CONTINUE TO BOX B) ☐2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJTD010214545494	M061	12555
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐1 Yes (CONTINUE TO BOX B) ☒2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W W W	☐1 Yes ☐2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD010212903 04

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): FLAMMABLE LIQUID WASTE GENERATED BY LABORATORY EXPERIMENTS

B. EPA hazardous waste code (Page 15)				C. State hazardous waste code (Page 16)	
D010	NIA	NIA	NIA	NIA	NIA

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2814	A1519	B201	Code 1
			System type M

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
1	1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
3190	5877	1	.	☐ 1 Yes (CONTINUE TO SYSTEM 1) XX 2 No (SKIP TO SEC. III)
			☐ 1 lbs/gal ☐ 2 kg	

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M		M	

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	ALRD069748191 92	M041	5877
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W W W	☐ 1 Yes ☐ 2 No		.	

Comments:

AEU000965

TIERRA-D-026433

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD002190304

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): PLASTIC AND GLASS VIALS SATURATED WITH METHANOL AND ETHANOL GENERATED FROM LABORATORY EXPERIMENTS

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
F003 NA NA	F003

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2844	A89	B406	Code 1; System type M

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
1	1. ______ 2. ______ 3. ______ 4. ______ 5. ______

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
0	130	1	☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1 System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	SYSTEM 2 System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M		M	

Sec. III

A. Was this waste shipped off site? (Instruction Page 18)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
1	ARD069748192	M043	130
2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production index (Page 21)	F. Source Reduction Quantity (Page 22)
W W W W	☐ 1 Yes ☐ 2 No			

Comments:

AEU000966

TIERRA-D-026434

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD010021903 04

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): IGNITABLE AND CORROSIVE LIQUID WASTES GENERATED BY ANALYTICAL EXPERIMENTS CONDUCTED BY RESEARCH AND DEVELOPMENT

B. EPA hazardous waste code (Page 15)				C. State hazardous waste code (Page 16)	
D011	NA	NA	NA	D001	D010

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2844	A159	B110	Code 1 / System type M

H. TPI constituent (Page 17)	I. CAS numbers (Page 17)
1	1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1990 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
0	110	5	. 1 lbs/gal 2 kg	1 Yes (CONTINUE TO SYSTEM 1) X 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1990 (Page 18)
M		M	

Sec. III

A. Was this waste shipped off site? (Instruction Page 18) X 1 Yes (CONTINUE TO BOX B) 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NYD043815703	M041	110
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20) 1 Yes (CONTINUE TO BOX B) X 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1990 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W / W / W / W	1 Yes 2 No		.	

Comments:

AEU000967

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD002190304

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): CONSUMER COMMODITY PRODUCTS CONTAINING FLAMMABLE AND NON-HALONGENATED INGREDIENTS THAT WERE USED IN R&D TESTING

B. EPA hazardous waste code (Page 15): D001 F003 NA NA

C. State hazardous waste code (Page 16): D001 F003

D. SIC code (Page 16): 2844

E. Source code (Page 16): A69

F. Form code (Page 16): B409

G. Origin (Page 16): Code 1; System type M

H. TRI constituent (Page 17): 1

I. CAS numbers (Page 17): 1. 2. 3. 4. 5.

Sec. II

A. Quantity generated in 1989 (Instruction Page 17): 300

B. Quantity generated in 1990 (Page 17): 86483

C. UOM (Page 18): 1

D. Density (Page 18): . ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

SYSTEM 1 — System type (Page 18): M; Quantity treated, disposed or recycled in 1990 (Page 18):

SYSTEM 2 — System type (Page 18): M; Quantity treated, disposed or recycled in 1990 (Page 18):

Sec. III

A. Was this waste shipped off site? (Instruction Page 18)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
1	ARD069748192	M043	86483
2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20)
☐ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21): W W W W

C. Other effects (Page 21): ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1990 due to new activities (Page 21):

E. Activity/Production Index (Page 21): .

F. Source Reduction Quantity (Page 22):

Comments: 1-A THE LABS WERE COMPLETELY DECOMMISIONED
1-E&F ONE TIME DISPOSAL OF CONSUMER TESTING PRODUCTS TO CLOSE LAB

AEU000968

TIERRA-D-026436

BEFORE COPYING FORM, ATTACH SITE I...TIFICATION LABEL OR ENTER:

SITE NAME American Cyanamid Company

697 Route 46
Clifton, New Jersey 07015

EPA ID NO. NJD002190304

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1990 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): WASTE OIL GENERATED AS SLUDGE FROM THE BOTTOM OF THE HYDRAULIC OIL STORAGE TANK.

B. EPA hazardous waste code (Page 15): NA | NA | NA | NA

C. State hazardous waste code (Page 16): X900 | NA

D. SIC code (Page 16): 2844

E. Source code (Page 16): A71

F. Form code (Page 16): B603

G. Origin (Page 16): Code 1; System type M

H. TRI constituent (Page 17): 1

I. CAS numbers (Page 17): 1. ______ 2. ______ 3. ______ 4. ______ 5. ______

Sec. II

A. Quantity generated in 1989 (Instruction Page 17): 710

B. Quantity generated in 1990 (Page 17): 110

C. UOM (Page 18): 5

D. Density (Page 18): ___ . ___ ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

SYSTEM 1 — System type (Page 18): M___ ; Quantity treated, disposed or recycled in 1990 (Page 18): ______

SYSTEM 2 — System type (Page 18): M___ ; Quantity treated, disposed or recycled in 1990 (Page 18): ______

Sec. III

A. Was this waste shipped off site? (Instruction Page 18)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility to which waste was shipped (Instruction Page 18)	C. System type (Page 19)	D. Total quantity shipped in 1990 (Page 19)
Site 1	NJD002454544	M061	110
Site 2		M	

Sec. IV

A. Waste minimization results in 1990 (Instruction Page 20)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21): W__ W__ W__ W__

C. Other effects (Page 21): ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1990 due to new activities (Page 21): ______

E. Activity/Production Index (Page 21): ___ . ___

F. Source Reduction Quantity (Page 22): ______

Comments:

AEU000969

TIERRA-D-026437

INSTRUCTIONS FOR COMPLETING

FORM OI - OFF-SITE IDENTIFICATION

WHO MUST COMPLETE THIS FORM?

Sites required to file the 1990 Hazardous Waste Report must complete Form OI if:

- Form OI is required by your State, AND
- The site received hazardous waste from off site or shipped hazardous waste off-site during 1990.

PURPOSE OF THIS FORM

Form OI documents the names and addresses of off site installations and transporters.

HOW TO COMPLETE THIS FORM

Form OI is divided into five identical parts. You must complete one part for each off-site installation to which you shipped hazardous waste, each off-site installation from which you received hazardous waste and each transporter you used during the reporting year. If these off-site installations and transporters total more than five, you must photocopy and complete additional copies of the form. You do not need to report the address, Box D, for transporters.

Throughout the form, enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable. Use the Comments section at the bottom of the form to clarify or continue any entry. Reference the comment by entering the site number and box letter.

ITEM-BY-ITEM INSTRUCTIONS

Complete Boxes A through D for every off-site installation to which you shipped hazardous waste and every off-site installation from which you received hazardous waste during the reporting year.

Complete Boxes A through C for every transporter you used during the year.

Box A: EPA ID No. of Off-Site Installation or Transporter
Enter the 12-digit EPA ID number of the off-site installation to which you shipped hazardous waste or from which you received hazardous waste or the EPA ID number of the transporter who shipped hazardous waste to or from your site. If the off-site installation or transporter did not have an EPA ID number during the reporting year, enter "NA" in Box A.

Box B: Name of Off-Site Installation or Transporter
Enter the name of the off-site installation or transporter reported in Box A.

Box C: Site Type
Check all that apply to describe the off-site installation or transporter reported in Box A.

Box D: Address of the Off-Site Installation
Enter the address of the off-site installation reported in Box A. If the EPA ID number reported in Box A refers to a transporter, enter "NA" in Box D.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: American Cyanamid Company

697 Route 46, Clifton, New Jersey 07470

EPA ID NO.: NJD010212191013014

FORM 01

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: ARD062974811912

B. Name of off-site installation or transporter: ENSCO, INC.

C. Handler type (CHECK ALL THAT APPLY): ☐ Generator ☐ Transporter ☒ TSDR

D. Address of off-site installation: Street: AMERICAN OIL ROAD; City: EL DORADO; State: AR; Zip Code: 71730-

Site 2

A. EPA ID No. of off-site installation or transporter: NJD015414121611614

B. Name of off-site installation or transporter: FREEHOLD CARTAGE

C. Handler type (CHECK ALL THAT APPLY): ☐ Generator ☒ Transporter ☐ TSDR

D. Address of off-site installation: Street: NA; City: ; State: ; Zip Code: -

Site 3

A. EPA ID No. of off-site installation or transporter: NJD002454544

B. Name of off-site installation or transporter: MARISOL INC.

C. Handler type (CHECK ALL THAT APPLY): ☒ Generator ☐ Transporter ☒ TSDR

D. Address of off-site installation: Street: 125 FACTORY LANE; City: MIDDLESEX; State: NJ; Zip Code: 08818416-

Site 4

A. EPA ID No. of off-site installation or transporter: NYD 10 14 13 18 11 15 17 0 6

B. Name of off-site installation or transporter: FRONTIER CHEMICAL WASTE PROCESS, INC..

C. Handler type (CHECK ALL THAT APPLY): ☐ Generator ☐ Transporter ☒ TSDR

D. Address of off-site installation: Street: 4626 ROYAL AVE; City: NIAGRA FALLS; State: NY; Zip Code: 14303-

Site 5

A. EPA ID No. of off-site installation or transporter: NJD 10 10 10 17 16 8 0 8 8

B. Name of off-site installation or transporter: SAFETY KLEEN CORP

C. Handler type (CHECK ALL THAT APPLY): ☐ Generator ☒ Transporter ☒ TSDR

D. Address of off-site installation: Street: 32 TOMPKINS POINT ROAD; City: NEWARK; State: NJ; Zip Code: 07114-

Comments:

SITE 5- SAFETY KLEEN IS BOTH THE TSD AND THE TRANSPORTER, ITS TRANSPORT US EPA ID # IS ILD051060408

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME AMERICAN CYANAMID COMPANY
697 ROUTE 46
CLIFTON, NEW JERSEY 07015

EPA ID NO. NJD002190304

FORM 01

U.S. ENVIRONMENTAL PROTECTION AGENCY

1990 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site	A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter	C. Handler type (CHECK ALL THAT APPLY)	D. Address of off-site installation
1	NJD047167765	TELEDYNE ISOTOPES	☐ Generator ☒ Transporter ☐ TSDR	Street NA City State Zip Code
2	NYD049178296	RADIOACTIVE RESEARCH CORP.	☐ Generator ☐ Transporter ☒ TSDR	Street 261 KENT AVE City BROOKLYN State NY Zip Code 11211
3			☐ Generator ☐ Transporter ☐ TSDR	Street City State Zip Code
4			☐ Generator ☐ Transporter ☐ TSDR	Street City State Zip Code
5			☐ Generator ☐ Transporter ☐ TSDR	Street City State Zip Code

Comments:

AEU000972

TIERRA-D-026440

Killam

APPENDIX C

TRANSFORMER INFORMATION

Killam

APPENDIX D

SOIL DISPOSAL MANIFESTS
(Hydraulic Oil Spill and 1985/1988 UST Removals)

Killam

APPENDIX E

RCRA CLOSURE PLAN

Compliance
Management
Incorporated 628 Route 10 West • Whippany, N.J. 07981 • 201-428-6050

SOIL SAMPLING AND ANALYTICAL RESULTS
CLOSURE OF HAZARDOUS WASTE STORAGE PADS

Prepared For

SHULTON, INCORPORATED USA
697 Route 46
Clifton, New Jersey 07015

Prepared By

COMPLIANCE MANAGEMENT, INCORPORATED
628 Route 10 West
Whippany, New Jersey 07981

August 1990

AEU000976

ENVIRONMENTAL AND ENGINEERING CONSULTANTS

EXECUTIVE SUMMARY

Soil sampling and the sampling of final rinsate water generated from the decontamination of four hazardous waste storage pads was undertaken at the Shulton, Incorporated USA Clifton, New Jersey facility. The objective of this work is to allow Shulton to reclassify the Clifton facility's status from that of a hazardous waste generator and storage facility to that of a hazardous waste generator only.

Soil samples were collected from areas surrounding two storage pads, B-7A and B-16. Samples of the final rinsate water were collected at all four storage pads: B-3 Rooftop, B-3 Basement, B-7A and B-16.

Analytical results for the soil samples found low levels of contamination at storage pad B-16. Specifically, elevated concentrations of total cyanides and total petroleum hydrocarbons were found which exceeded the action levels established by the Department of Environmental Protection, Bureau of Industrial Site Evaluation.

For the rinsate samples analytical results found minor contamination from methylene chloride, chloroform, bromodichloromethane, and acetone. The methylene chloride was found in the laboratory method blanks and is the likely source of this contamination. The chloroform and bromodichloromethane are common trihalomethane contaminants found in potable water supplies due to chlorination. The presence of these two compounds in the rinsate samples is not a result of contamination from activities at the storage pads but from the City of Clifton potable water source.

Acetone was found at a low concentration at storage pad B-3 Rooftop. Based on the location of this pad, its limited access and because it is enclosed, this level of contamination is not of concern.

An elevated level of total petroleum hydrocarbons was found at storage pad B-3 Basement. The area is totally enclosed, with no floor drains exiting from this room. The planned use of the room is as a satellite accumulation area for hazardous wastes. Because of this planned use, the concentration of total petroleum hydrocarbons found is not of concern.

TABLE OF CONTENTS

LIST OF TABLES AND FIGURES

RCRA FACILITY INFORMATION

Shulton, Incorporated USA ("Shulton") operates a Resource Conservation Recovery Act (RCRA) hazardous waste storage facility at 697 Route 46, Clifton, New Jersey (see Figure 1). Hazardous wastes are stored on-site for a period in excess of 90 days pursuant to N.J.A.C. 7:26-9.1 et seq. The Environmental Protection Agency RCRA Identification Number for this facility is NJD002190304.

Four areas around the facility were designated by Shulton for the storage of drummed hazardous wastes. Three areas are indoor storage located in Building 3 and Building 7, while the fourth area is an outside storage pad adjacent to Building 16. The four areas are identified on Figure 2 and are described in Table A.

SITE HISTORY

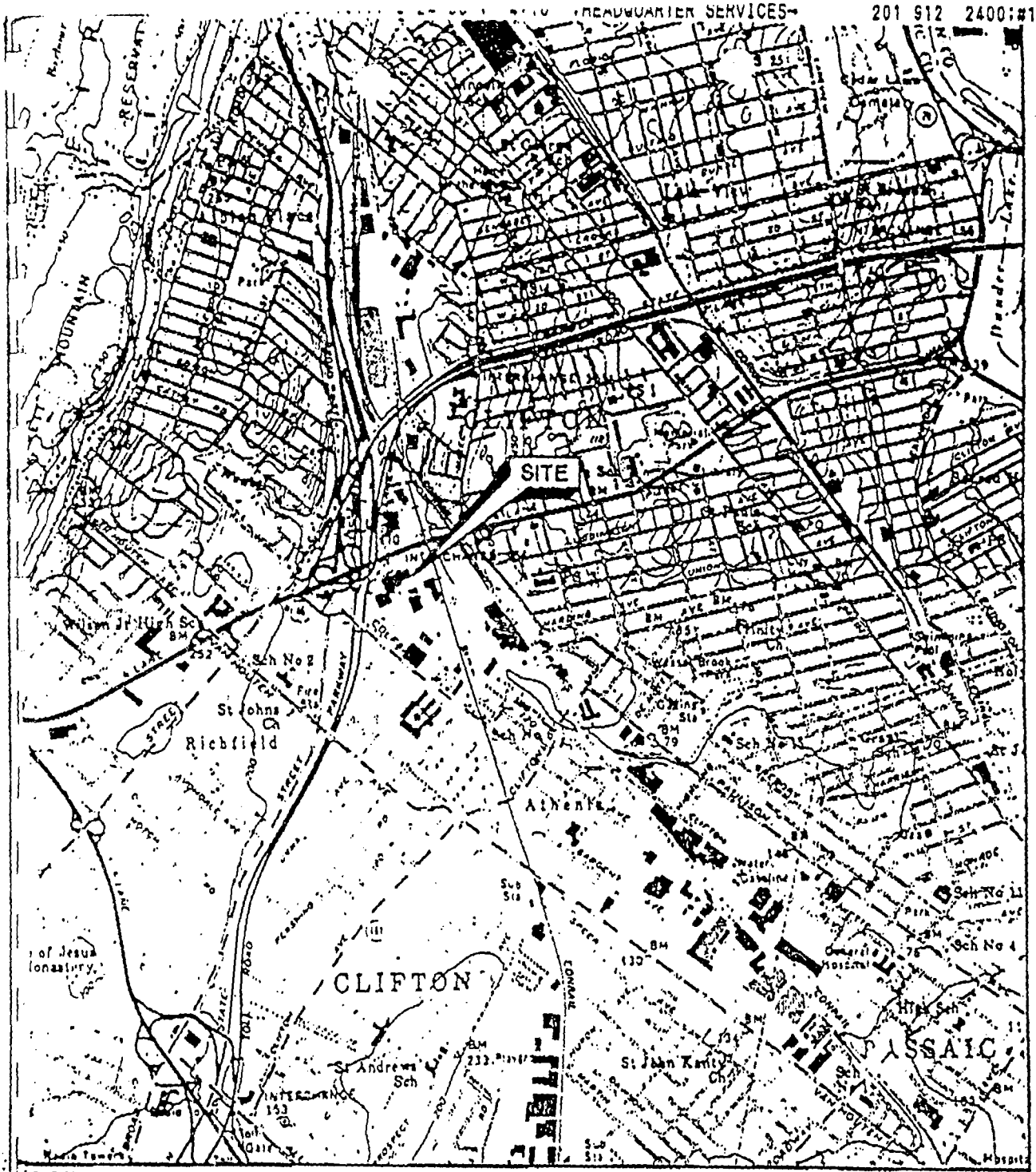
Shulton commenced operations at the Clifton plant site in 1946. Shulton currently manufactures, and has only manufactured, toiletries at this location and has Standard Industrial Classification (SIC) numbers of 2841 and 2844. These SIC numbers are for those establishments engaged in the manufacture of soap, synthetic organic detergents, inorganic alkaline detergents and combinations thereof (2841) and in manufacturing perfumes, cosmetics, and other toilet preparations (2844).

The entire Clifton plant occupies a 42 acre area. Eighteen buildings are on-site and house manufacturing, research and development, computer and office operations. Hazardous waste storage practices pursuant to RCRA requirements commenced on November 20, 1980 at the four storage areas.

Hazardous wastes are generated at various locations throughout the site. These wastes are collected from satellite locations, combined into 55 gallon drums, and placed into storage at one of the storage areas.

Hazardous materials used in Shulton's operations and non-hazardous wastes have, in the past, been stored in these locations, provided that no chemical or physical incompatibilities exist which require separate storage and/or handling requirements.

The EPA hazardous waste types currently and historically stored within these four storage areas are listed in Table B.



SOURCE:
TOPOGRAPHY TAKEN FROM 1955
ATTERSON, NEW JERSEY AND
1955 ORANGE, NEW JERSEY
U.S.G.S. QUADRANGLES
.5 MIN. SERIES

SCALE: 1"=2000'

NEW JERSEY

QUADRANGLE LOCATION

FIGURE 1

SITE LOCATION MAP

SHULTON, INC.
CLIFTON, NEW JERSEY

FIGURE 2

SITE MAP

SHULTON, INC.
CLIFTON, NEW JERSEY

AEU000981

TABLE A

WASTE STORAGE AREAS

Storage Area Designation	Description	Total Area (sq. ft.)
B-3 Basement	7' x 15' indoor storage area in the basement portion of Building B-3. The floor of this storage area is a concrete slab 8" thick.	105
B-3 Rooftop	5' x 18' enclosed metal storage shed supported on the roof of Building B-3. This portion of the roof is comprised of an 8" thick concrete slab.	90
B-7A	11' x 12' indoor storage area located in a veranda attached to Building 7A. The floor of this veranda storage area is 5 inches thick.	132
B-16	14' x 14' outdoor storage area located off the parking lot for Building 16. This storage area is comprised of a 4" thick concrete slab on earth.	196

TABLE B

HAZARDOUS WASTE TYPES

EPA Hazardous Waste Identification Number	Estimated Generation Rate (lbs/year)
D001 Ignitable	12,628
D002 Corrosivity	3,225
D006 EP Toxicity - Cadmium	50
D011 EP Toxicity - Silver	50
P012 Arsenic (III) oxide	<2
P018 Brucine	<2
P022 Carbon bisulfide	<2
P030 Cyanides	<2
P048 2,4-Dinirophenol	<2
P092 Phenylmercuric acetate	<2
P098 Potassium cyanide	<2
P106 Sodium cyanide	<2
U001 Acetaldehyde	<2
U002 Acetone	<50
U003 Acetonitrile	<5
U044 Trichloromethane	<2
U080 Dichloromethane	5
U107 Di-n-octyl phthalate	<2
U108 1,4-Dioxane	<2
U109 1,2-Diphenylhydrazine	<2
U112 Ethyl acetate	<5
U113 Ethyl acrylate	<2
U115 Ethyl oxide	<2
U117 Ethyl ether	5
U118 Ethylmethacrylate	<2
U122 Formaldehyde	10
U123 Formic acid	<2
U125 2-Funancarboxaldehyde	<2
U132 Hexachlorophene	<2
U133 Hydrazine	<2
U138 Iodomethane	<2
U140 Isobutyl alcohol	<2
U144 Lead acetate	<2
U145 Lead phosphate	<5
U146 Lead subacetate	<2
U147 Maleic anhydride	<2
U151 Mercury	1
U154 Methanol	50
U159 Methyl ethyl ketone	10
U162 Methyl methacrylate	<2
U165 Naphthalene	<2
U169 Nitrobenzene	10
U188 Phenol	<2
U196 Pyridine	<2
U220 Toluene	50
X725 Oil spill residue	4,900
X726 Waste oil	3,200

SAMPLING PLAN

The objective of the sampling is to allow Shulton to reclassify the Clifton facility's status from that of a hazardous waste generator and storage facility to that of a hazardous waste generator only. The soil sampling around the outside storage pads B-16 and B-7A was undertaken to determine if any soil contamination is present. The sampling of the final rinse waters was done to determine the effectiveness of the decontamination procedures for the four storage areas: B-3 Basement, B-3 Rooftop, B-7A and B-16.

Shulton submitted a Soil Sampling and Analytical Plan (SSAP), dated November 1989, to the New Jersey Department of Environmental Protection (NJDEP) for its review and approval. The Closure Approval Letter submitted by the Department to Shulton added specific conditions to the SSAP regarding both the decontamination procedures and the sampling and analyses that are to be performed for the storage pads.

Those modifications, as required by the Department, were incorporated into the sampling plan and performed. The one exception was the collection of the rinsate sample from storage pad B-3 Basement. It was not possible to collect the rinsate water off the edge at this storage pad because no edge was available. After conferring with Z. Billah, of the NJDEP, it was agreed that a laboratory decontaminated stainless steel trowel would be used to collect the rinse water at this pad. We agreed that this was preferable to using a sponge to collect the sample because the use of the sponge would cause the loss of the volatile fraction. This would occur through absorption on the sponge and volatilization into the air.

Sampling Locations:

Soil sampling was performed adjacent to two storage pads, B-16 and B-7A. Pad B-16 is an outside storage pad which is surrounded on all four sides by soil. As required by the Guidelines for Preparation of RCRA Soil Sampling and Analytical Plans, four sampling points were established with one sampling point on each side of the pad. As was described in Table A, this storage pad is 14 ft x 14 ft and therefore only required one sampling point per side (see Figure 3). Samples were taken at each sampling point at the 0 to 6 inch depth for the base/neutral and acid extractable compounds, total petroleum hydrocarbons, polychlorinated biphenyls, and metals and at the 6 to 12 inch depth for the volatile organics.

Storage Pad B-7A is covered by steel roofing and is enclosed on two sides by a low steel wall. In addition, this pad is bordered on its other two sides by Building 7. Outside the two low steel walls there is a concrete sidewalk approximately 3 feet wide and then soil. Two sampling locations were located next to the sidewalk. The other two sides, as discussed above, are attached to Building 7 so that it was not possible to take samples (see Figure 3). Soil samples were taken at the 0 to 6 inch depth and at the 6 to 12 inch depth for the parameters described for B-16 at each sampling location.

A background sample was taken in a grassy area adjacent to Building 11. This location is approximately 125 feet west of Storage Pad B-7A. These soil samples were taken at depths of 0 to 6 inches and 6 to 12 inches for the parameters identified for B-16.

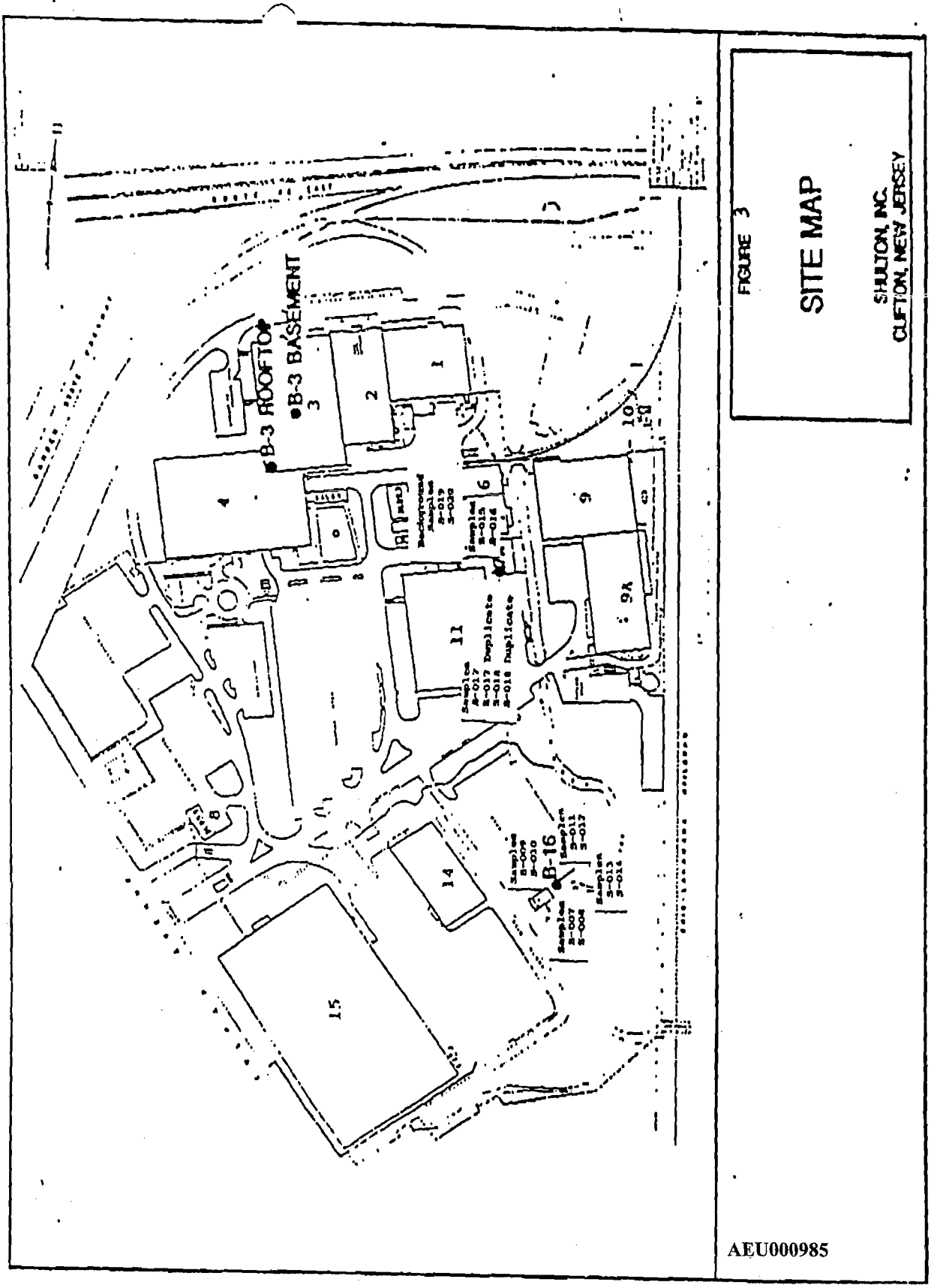


FIGURE 3

SITE MAP

SHULTON, INC.
CLIFTON, NEW JERSEY

As was required, final rinsate samples were collected off the edge of platforms for Storage Pads B-3 Roof, B-16 and B-7A. The final rinsate sample was collected from storage pad B-3 Basement using a stainless steel trowel as described above. The rinsate samples for the other three pads were collected by allowing the rinsate to flow over the edge of the pad into the bottle. All samples were placed in appropriate sampling containers.

ANALYTICAL RESULTS

Soil Samples

Soil samples were analyzed for the Target Compound List (TCL) volatile organics, TCL acid extractable compounds and total petroleum hydrocarbons. In addition, the DEP required that the parameters be expanded to include the TCL base/neutral plus 15 compounds, TCL polychlorinated biphenyls, lead, mercury and cyanide from the Inorganic Target Analyte List (TAL).

The analytical results indicated varying concentrations of total petroleum hydrocarbons (TPHC) and the inorganic contaminants (total cyanide, mercury, and lead) in all soil samples including the background sample. Concentrations of TPHC ranged from a low of 65.5 parts per million (ppm) (S-019, Background) to a high of 4890 ppm (S-007, B-16). However, all of the TPHC concentrations were around 100 ppm with one exception as can be seen in Table C.

Lead was also found to have a large range of values for those areas sampled. The lowest concentration was found in sample S-011 (B-16) at 18.2 ppm. The highest concentration of lead was also found at this storage pad in sample S-007 at a concentration of 367 ppm. The Background sample was also found to have lead at a concentration of 52.7 ppm (see Table D).

Low concentrations of mercury were also found in the samples. These concentrations ranged from a low of 0.0829 ppm in the duplicate sample of sample S-017 (B-7A) to a high of 0.278 ppm in sample S-009 (B-16). No mercury was found in the Background sample above the minimum detection level of 0.101 ppm (see Table D).

Concentrations of total cyanide were also found in the samples. These concentrations ranged from a low of <1.40 ppm in samples S-017 and S-017 Duplicate (B-7A) to a high of 19.9 ppm in sample S-013 (B-16). No total cyanide was found in the Background sample above the minimum detection level of 1.43 ppm (see Table D).

TABLE C

SUMMARY OF ANALYSIS RESULTS
TOTAL PETROLEUM HYDROCARBONS

SAMPLE NUMBER	LOCATION	DIRECTION OF SAMPLE	MATRIX	DEPTH	CONCENTRATION (ppm*)
S-001	Field Blank		Water		<0.31
S-007	B-16	West	Soil	0 - 6 inches	4890
S-009	B-16	North	Soil	0 - 6 inches	118
S-011	B-16	East	Soil	0 - 6 inches	107
S-013	B-16	South	Soil	0 - 6 inches	99.2
S-015	B-7A	West	Soil	0 - 6 inches	105
S-017	B-7A	South	Soil	0 - 6 inches	112
S-017D**	B-7A	South	Soil	0 - 6 inches	115
S-019	Background		Soil	0 - 6 inches	65.5

*ppm = parts per million
**D = duplicate sample

TABLE D

SUMMARY OF ANALYSIS RESULTS
INORGANIC COMPOUNDS

SAMPLE NUMBER	LOCATION	DIRECTION OF SAMPLE	MATRIX	DEPTH	CONTAMINANT (ppm*) LEAD	MERCURY	CYANIDE**
S-001	F.B.		Water		<0.0030	<0.0002	<0.01
S-007	B-16	West	Soil	0 - 6"	367	0.102	<1.44
S-009	B-16	North	Soil	0 - 6"	193	0.278	2.38
S-011	B-16	East	Soil	0 - 6"	18.2	<0.0848	<1.33
S-013	B-16	South	Soil	0 - 6"	21	0.0839	19.9
S-015	B-7A	West	Soil	0 - 6"	69.1	<0.108	6.34
S-017	B-7A	South	Soil	0 - 6"	75	<0.0905	<1.40
S-017D	B-7A	South	Soil	0 - 6"	66.2	<0.0829	<1.40
S-019	Back.		Soil	0 - 6"	52.7	<0.101	<1.43

*ppm = parts per million
** concentrations are for Total Cyanides
D = duplicate sample
F.B. = Field Blank
Back. = Background

Minor concentrations of volatile and semi-volatile compounds were also found in the soil samples. Only one base/neutral compound was identified in all of the samples analyzed. Bis (2 ethylhexyl) phthalate was identified in the Field Blank (S-001) at a concentration of 10 parts per billion (ppb). This contaminant was also detected in the Procedure Blank.

None of the acid extractable compounds nor any of the polychlorinated biphenyls were detected in any of the soil samples.

Several volatile organic compounds were detected at low concentrations in several of the soil samples. Samples S-010 and S-020 (Background) did not have detectable levels of the volatile organic compounds. Methylene chloride was detected in samples S-008 (7 ppb), S-012 (8 ppb), S-016 (8 ppb), S-018 (8 ppb), S-018 Duplicate (7 ppb) and S-021 (Trip Blank) (7 ppb) (see Table E). This contaminant was also detected in the laboratory method blanks.

Acetone was also detected in several soil samples. Sample S-008 had a concentration of 115 ppb, S-012 240 ppb, S-016 246 ppb, S-018 77 ppb, and S-018 Duplicate 34 ppb. Chloroform was identified in only two samples S-014 at 15 ppb and S-018 Duplicate at 6 ppb. Sample S-012 was found to also contain 2-butanone at 74 ppb and benzene at 12 ppb (see Table E).

A library search was performed on the soil samples for the volatile organics, base/neutrals and acid extractable compounds. For the volatile organic search, carbon dioxide and several unidentifiable compounds which included cyclic hydrocarbons and alkanes were found in low concentrations in the part per billion range. For the base/neutral and acid extractable compounds, only unidentifiable compounds in the parts per billion range were identified.

Rinsate Samples

Samples from the final rinsate were taken from each of the four storage pads. These samples were taken after decontamination was completed on each of the pads. The decontamination procedure, as outlined in the Closure Approval Letter, required that pads B-7A and B-16 be steam cleaned, while storage areas B-3 Basement and B-3 Rooftop be detergent washed. All storage areas were then rinsed three times with clean, potable water.

Samples of final rinsate were collected by holding a sample bottle off the edge of the pad allowing the rinse water to drain into the bottle. This procedure was followed for all storage pads except for B-3 Basement where no edge was available to allow the rinse water to drain into the bottles. In this instance, after agreement by Z. Billah of the New Jersey Department of Environmental Protection, the rinse water was collected using a laboratory cleaned stainless steel trowel and pouring the rinse water into the sample containers.

In addition to taking the rinsate samples, one duplicate sample, a wash water blank, a field blank and trip blank were taken and analyzed from the storage pads. These samples were analyzed for the total petroleum hydrocarbons, TCL volatile organic compounds and TCL acid extractable compounds.

TABLE E

SUMMARY OF ANALYSIS RESULTS
VOLATILE AND SEMI-VOLATILE COMPOUNDS

SAMPLE NUMBER	LOCATION	DIRECTION OF SAMPLE	MATRIX	CONTAMINANT*	CONCENTRATION (ppb**)
S-001	Field Blank		Water	Bis (2-ethylhexyl) phthalate	10 B
S-008	B-16	West	Soil	Acetone	115
				Methylene chloride	7 B
S-010	B-16	North	Soil	None detectable	
S-012	B-16	East	Soil	Acetone	240
				Methylene chloride	8 B
				2-Butanone	74
				Benzene	12
S-014	B-16	South	Soil	Chloroform	15
S-016	B-7A	West	Soil	Acetone	246
				Methylene chloride	8 B
S-018	B-7A	South	Soil	Acetone	77
				Methylene chloride	8 B
S-018 D	B-7A	South	Soil	Acetone	34
				Methylene chloride	7 B
				Chloroform	6
S-020	Background		Soil	None detectable	
S-021	Trip Blank		Water	Methylene chloride	7 B

* Only compounds detected above the method detection limit are listed
** ppb = parts per billion
B = Compound also present in blank

Analysis of the rinsate samples did not indicate the presence of any acid extractable compounds. For the total petroleum hydrocarbons (TPHC), the field and wash water blanks were found not to have any levels above the minimum detection level of 0.27 milligrams per liter (mg/l). However, low levels of TPHC were identified in all other samples at concentrations which ranged from a low of 0.28 mg/l (S-34) to a high of 5.50 mg/l (S-37) (see Table F).

Four volatile organics were identified in the samples. These included methylene chloride which was also found in the wash water, field, trip and laboratory method blanks. Chloroform was identified in all of the rinsate samples and in the wash water blank. Bromodichloromethane was found in all the rinsate samples except the one from storage pad B-3 Basement. In addition to these compounds, acetone was also identified in sample S-33 which is the sample taken at the storage pad B-3 Roof (see Table G).

Concentrations of methylene chloride ranged from a low of 7 micrograms per liter (ug/l) (S-36) to a high of 16 ug/l (S-30). Chloroform concentrations ranged from a low of 19 ug/l (S-27) to a high of 99 ug/l (S-33). Bromodichloromethane concentrations ranged from a low of 6 ug/l (S-21) to a high of 18 ug/l (S-33). Acetone was found at a concentration of 37 ug/l (S-33) (see Table G).

CONCLUSIONS

Based on the analyses done to date, it can be reasonably concluded that the minor soil contamination found at storage pads B-16 and B-7A is not associated with the use of the pads as RCRA hazardous waste storage areas.

Of the soil samples which had TCL inorganic analyses, only one sample, S-013, was found to have an elevated concentration of 19.9 ppm for the total cyanides. The Bureau of Industrial Site Evaluation (BISE) has established a cleanup level in soil for total cyanides at a concentration of 12 ppm. Sample S-013, at storage pad B-16, exceeded this standard.

For lead, two samples were found to have slightly elevated concentrations. Sample S-007 has a lead concentration of 367 ppm and sample S-009 has a concentration of 193 ppm. Based on a study done by Dragun (1988), it was established that a typical range for lead in soil is between 2 and 200 ppm and extreme limits of 0.1 to 3000 ppm have also been found. This determination was developed through work done by several reserchers including the United States Geologic Survey. Here a nationwide study found a range of total lead content in soils between 10 and 700 ppm (Shacklette, et al 1971 a). Other work has been done in upstate New York (Cannon and Bowles, 1962), California (Page and Ganje, 1970) and Canada (McKeague and Wolynetz 1980) which found varying levels of lead in the soil with ranges from 10 to 1000 ppm. Based on this information, the lead concentration is relatively low.

In addition, the location of the facility adjacent to the Garden State Parkway, Route 46 and Route 20 may also impact this site with respect to increased lead concentrations in the soil. In the upstate New York study samples were taken near a major highway and lead concentrations in these samples ranged from 10 to 700 ppm. Copies of these studies can be provided upon request.

TABLE F

SUMMARY OF ANALYSIS RESULTS - RINSATE
TOTAL PETROLEUM HYDROCARBONS

SAMPLE NUMBER	LOCATION	DIRECTION OF SAMPLE	MATRIX	SOURCE	CONCENTRATION (mg/l*)
S-22	B-16	East	Water	Final Rinsate	1.35
S-26	B-16 D**	East	Water	Final Rinsate	0.48
S-28	B-16		Water	Wash water Blank	<0.27
S-31	B-7A	West	Water	Final Rinsate	0.50
S-34	B-3 Roof	South	Water	Final Rinsate	0.28
S-37	B-3 Base.	North	Water	Final Rinsate	5.50
S-39	Field Blank		Water	Laboratory Supplied	<0.27

* mg/l = milligrams per liter
** D = duplicate sample
Base. = basement

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TABLE G

SUMMARY OF ANALYSIS RESULTS - RINSATE
VOLATILE AND SEMI-VOLATILE COMPOUNDS

SAMPLE NUMBER	LOCATION	DIRECTION OF SAMPLE	MATRIX	CONTAMINANT*	CONCENTRATION (ug/l**)
S-21	B-16	East	Rinsate Water	Methylene chloride	14 B
				Chloroform	37
				Bromodichloromethane	6
S-23	B-16	East	Rinsate Water	None detectable (AE)	
S-24	B-16 D	East	Rinsate Water	Methylene chloride	10 B
				Chloroform	72
				Bromodichloromethane	11
S-26	B-16 D	East	Rinsate Water	None detectable (AE)	
S-27	B-16		Wash Water	Methylene chloride	12 B
				Chloroform	19
S-29	B-16		Wash Water	None detectable (AE)	
S-30	B-7A	West	Rinsate Water	Methylene chloride	16 B
				Chloroform	76
				Bromodichloromethane	15
S-32	B-7A	West	Rinsate Water	None detectable (AE)	
S-33	B-3 Roof	South	Rinsate Water	Acetone	37
				Methylene chloride	11 B
				Chloroform	99
				Bromodichloromethane	18
S-35	B-3 Roof	South	Rinsate Water	None detectable (AE)	
S-36	B-3 Base.	North	Rinsate Water	Methylene chloride	7 B
				Chloroform	10
S-38	B-3 Base.	North	Rinsate Water	None detectable (AE)	
S-39	Field Blank			Methylene chloride	9 B
S-40	Trip Blank			Methylene chloride	8 B

* only compounds detected above the method detection limit are listed
** ug/l = micrograms per liter
B = compound also present in blank
AE = acid extractable compounds
D = duplicate sample
Base. = basement

The BISE has established a cleanup level of 1 ppm for mercury in soil. Using this number the concentrations found in all samples were far below this action level. Additionally, Dragun (1988) has reported a typical range for mercury in soil to be 0.01 to 0.08 ppm.

For the total petroleum hydrocarbons only one sample, S-007 from pad B-16, was found to have an elevated concentration at 4890 ppm. All other samples, including the background sample, were found to have some concentration of total petroleum hydrocarbons at around 100 ppm (see Table C). These concentrations are not considered to be excessive for a manufacturing facility located within an urban area. For areas such as this, levels of 400 to 500 ppm for total petroleum hydrocarbons are not unusual.

For the volatile organics found within the soil samples all were well below the BISE action level of 1 ppm.

The rinsate samples were found to contain four volatile organic compounds, including chloroform, bromodichloromethane, acetone, and methylene chloride. The methylene chloride was identified in the laboratory method blanks, which is the probable source of this contaminant. The chloroform and bromodichloromethane are most likely contaminants from The City of Clifton's potable water system. Both of these compounds are common trihalomethane contaminants found in potable water due to chlorination.

The acetone, which was identified in sample S-33 from the storage pad B-3 Roof, was found at a concentration of 37 ug/l. Based on the location of this pad on the roof of Building B-3 and because it is enclosed, this level of contamination is not of concern.

For the total petroleum hydrocarbons, the highest concentration of 5.50 mg/l was found in sample S-37 which is from pad B-3 Basement. The possible reason that this sample was higher than the other locations may be due to Shulton's practice of storing virgin oils in this room prior to their use. Again this area is totally enclosed with no floor drains exiting from this room. It is planned to continue using this room as a satellite accumulation area for the storage of hazardous wastes and non-hazardous wastes.

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APPENDIX G

SUMMARY OF PRE-ECRA ANALYTICAL RESULTS

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11000 VO+15

AMERICAN CYANAMID COMPANY/SHULTON INC., USA PRE-ECRA INVESTIGATION
CLIFTON, NEW JERSEY

TABLE G-1
SOIL BORINGS: PARKWAY IRON AND STEEL DISCHARGES

SAMPLE ID	SAMPLE DEPTH (FT)	PHC (PPM)	VO+15* (PPM)	BN+15* (PPM)
B-1-1.0	0.5 - 1.0	1610	- - - - -	- - - - - -
B-1-2.0	1.0 - 2.0	383	ND	Target BN 8.454 TICs 2.4 Unknowns 25.36 Total BN 36.214
B-2-0.5	0.0 - 0.5	8200	- - - - -	Target BN 19.76 Total BN 19.76
B-2-2.0	1.5 - 2.0	ND	- - - - -	- - - - - -
B-3-0.5	0.0 - 0.5	92	- - - - -	- - - - - -
B-3-2.0	1.5 - 2.0	ND	- - - - -	- - - - - -

B: Soil Boring
FT: Feet
PHC: Petroleum Hydrocarbons
PPM: Parts Per Million
VO+15: Volatile Organic Compounds plus 15 peaks
BN+15: Base Neutral Compounds plus 15 peaks
*: Total excludes compounds detected in laboratory method blank
TICs: Tentatively Identified Compounds

ND: Not Detected
- - - : Sample not analyzed for this parameter

AMERICAN CYANAMID COMPANY/SHULTON INC., USA PRE-ECRA INVESTIGATION
CLIFTON, NEW JERSEY

TABLE G-2
SOIL BORINGS: DRUM STORAGE AREA (BLDG 9A)

SAMPLE ID	SAMPLE DEPTH (FT)	PHC (PPM)	VO+15* (PPM)	BN+15 (PPM)	PP METALS (PPM)
B-13-0.5	0.0-0.5	381	- - - - - -	Target BN 0.143 Unknowns 2.87 Total BN 3.013	- - - - -
B-13-2.5	2.0-2.5	427	Target VO 0.0068 Total VO 0.0068	- - - - - - -	As 4.7 Cr 29.3 Cu 98. Pb 135. Hg 0.17 Ni 18 Zn 200
B-14-0.0	0.0-0.5	471	- - - - - -	Target BN 5.204 TICs 5.15 Unknowns 8.87 Total BN 19.224	- - - - -
B-14-2.5	2.0-2.5	47	ND	- - - - - - -	As 1.6 Cr 19.6 Cu 13 Pb 12 Ni 12 Zn 42.8

B: Soil Boring
FT: Feet
PHC: Petroleum Hydrocarbons
PPM: Parts Per Million
VO+15: Volatile Organic Compounds plus 15 peaks
BN+15: Base Neutral Compounds plus 15 peaks
*: Total excludes compounds detected in laboratory method blank
TICs: Tentatively Identified Compounds
ND: Not Detected
- - -: Sample not analyzed for this parameter
PP Metals: Priority Pollutant Metals

Cu: Copper
Cr: Chromium
Zn: Zinc
Ni: Nickel
As: Arsenic
Pb: Lead
Hg: Mercury

AMERICAN CYANAMID COMPANY/SHULTON INC., USA PRE-ECRA INVESTIGATION
CLIFTON, NEW JERSEY

TABLE G-3
SOIL BORINGS: FORMER EMPTY DRUM STORAGE AREA (BLDG 11)

SAMPLE ID	SAMPLE DEPTH (FT)	PHC (PPM)	VO+15* (PPM)	BN+15 (PPM)	PP METALS (PPM)
B-11-0.5	0.0-0.5	38	- - - - - -	Target BN 2.191 TICs 1.88 Total BN 4.071	- - - - -
B-11-2.5	2.0-2.5	536	ND	- - - - - - -	Cr 13.0 Cu 5.0 Zn 11
B-10-0.5	0.0-0.5	ND	- - - - - -	Target BN 0.071 TICs 0.69 Total BN 0.761	- - - - -
B-10-2.5	2.0-2.5	288	ND	- - - - - - -	Cr 17 Cu 18 Ni 11 Zn 20
B-12-0.5	0.0-0.5	ND	- - - - - -	Target BN 32.99 TICs 4.54 Total BN 37.53	- - - - -
B-12-2.5	2.0-2.5	ND	ND	- - - - - - -	As 3.0 Cr 24.3 Cu 9.0 Pb 34 Hg 0.1 Ni 8.9 Zn 34

B: Soil Boring
FT: Feet
PHC: Petroleum Hydrocarbons
PPM: Parts Per Million
VO+15: Volatile Organic Compounds plus 15 peaks
BN+15: Base Neutral Compounds plus 15 peaks
*: Total excludes compounds detected in laboratory method blank
PP Metals: Priority Pollutant Metals
- - - : Sample not analyzed for this parameter

TICs: Tentatively Identified Compounds
ND: Not Detected
Cu: Copper
Cr: Chromium
Zn: Zinc
Ni: Nickel
As: Arsenic
Pb: Lead
Hg: Mercury

AMERICAN CYANAMID COMPANY/SHULTON INC., USA PRE-ECRA INVESTIGATION
CLIFTON, NEW JERSEY

TABLE G-4
SOIL BORING: FORMER TOLUENE STORAGE AREA

SAMPLE ID	SAMPLE DEPTH (FT)	VO+15* (PPM)	BN+15* (PPM)
MW-4-1	0.0 - 1.0	- - - - - - -	Target BNs 0.258 TICs 3.46 Unknowns 0.61 Total BN 4.328
MW-4-2	2.0 3.0	ND	- - - - - - - -
MW-4-TB (TB-0815)	NA	ND	- - - - - - - -
MW-4-TB (TB-0813)	NA	ND	- - - - - - - -
MW-4-FB	NA	ND	ND

MW: Monitoring Well
TB: Trip Blank
FB: Field Blank
FT: Feet
*: Total excludes compounds detected in laboratory method blank
TICs: Tentatively Identified Compounds
BN+15: Base Neutral Compounds plus 15 peaks

PPM: Parts Per Million
ND: Not Detected
- - -: Sample not analyzed for this parameter
NA: Not Applicable
BN: Base Neutral Compound
VO+15: Volatile Organic plus 15

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AMERICAN CYANAMID COMPANY/SHULTON INC., USA PRE-ECRA INVESTIGATION
CLIFTON, NEW JERSEY

TABLE G-5
SOIL BORINGS: POTENTIAL FILL AREA

SAMPLE ID	SAMPLE DEPTH (FT)	PHC (PPM)	VO+15* (PPM)		ABN+25* (PPM)		PEST/PCB (PPM)	PP METALS (PPM)	
B-6-1	1.5-2.0	8820	Target VO	0.046	Target AE	ND	4'4'-DDD 0.072	As	5.8
			TICs	0.562	Target BN	12.3		Cr	17
			Unknowns	0.45	TICs	2.95		Cu	38
			Total VO	1.058	Unknowns	5.04		Pb	437
					Total ABN	20.29		Hg	1.7
								Ni	21
								Zn	174
								Cyanide	ND
								Phenols	ND
B-15-2	2.0-3.5	611	Target VO	0.099	Target AE	ND	4'4'-DDD 0.120	As	4.1
			Total VO	0.099	Target BN	3.602		Cr	15
					TICs	21.39		Cu	21
					Unknowns	38.49		Pb	84
					Total ABN	63.482		Hg	0.4
								Ni	11
								Zn	78.3
								Cyanide	ND
								Phenols	ND

B: Soil Boring
FT: Feet
PHC: Petroleum Hydrocarbons
PPM: Parts Per Million
VO+15: Volatile Organic Compounds plus 15 peaks
BN+15: Base Neutral Compounds plus 15 peaks
*: Total excludes compounds detected in laboratory method blank
PP Metals: Priority Pollutant Metals

TICs: Tentatively Identified Compounds
ND: Not Detected
Cu: Copper
Cr: Chromium
Zn: Zinc
Ni: Nickel
As: Arsenic
Pb: Lead
Hg: Mercury

AMERICAN CYANAMID COMPANY/SHULTON INC., USA PRE-ECRA INVESTIGATION
CLIFTON, NEW JERSEY

TABLE G-6
GRAB SAMPLES: WEASEL BROOK SEDIMENT

SAMPLE ID	SAMPLE DEPTH (FT)	PHC (PPM)	VO+15* (PPM)	ABN+25 (PPM)	PEST/PCB (PPM)	PP METALS (PPM)
G-1	0.0-0.5	75	Target VO ND Total VO ND	Target AE ND Target BN 42.66 TICs 28.77 Unknowns 11.66 Total ABN 83.09	ND	As 5.6 Cr 69 Cu 27 Pb 187 Hg 0.55 Ni 13 Zn 112 Cyanide ND Phenols 0.6 Iron 15400
G-2	0.0-0.5	58	Target VO ND Total VO ND	Target AE ND Target BN 9.659 TICs 2.0 Unknowns 5.56 Total ABN 17.219	4,4'-DDD 0.170	As 8.1 Cr 18 Cu 32 Pb 171 Hg 0.33 Ni 13 Zn 120 Cyanide ND Phenols ND Iron 15,300

B: Soil Boring
ND: Not Detected
FT: Feet
PPM: Parts Per Million
VO+15: Volatile Organic Compounds plus 15 peaks
BN+15: Base Neutral Compounds plus 15 peaks
*: Total excludes compounds detected in laboratory method blank
PP Metals: Priority Pollutant Metals

TICs: Tentatively Identified Compounds
PHC: Petroleum Hydrocarbons
Cu: Copper
Cr: Chromium
Zn: Zinc
Ni: Nickel
As: Arsenic
Pb: Lead
Hg: Mercury

AEU001006

AMERICAN CYANAMID COMPANY/SHULTON INC., USA PRE-ECRA INVESTIGATION
CLIFTON, NEW JERSEY

TABLE G-7
GROUNDWATER SAMPLING RESULTS (PPB)

VO+15[a]	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	TRIP BLANK	FIELD BLANK
Chlorobenzene	1.0	ND	ND	ND	1.7	ND	ND	ND
Trans-1,2-dichloroethene	ND	2.4	27.0	6.2	1.4	ND	ND	ND
1,1,1-trichloroethane	ND	1.4	ND	3.5	2.1	ND	ND	ND
Trichloroethene	ND	ND	7.0	2.1	2.7	ND	ND	ND
Ethyl benzene	ND	ND	ND	ND	ND	30.0	ND	ND
Toluene	ND	ND	ND	ND	ND	6.7	ND	ND
Total Xylenes	ND	ND	ND	ND	ND	360.0	ND	ND
Total Target VO:	ND	3.8	34.0	11.8	7.9	396.7	ND	ND
TICs	ND	ND	ND	ND	ND	72.0	ND	ND
Unknowns	ND	ND	ND	ND	ND	ND	ND	ND
Total Library Search	ND	ND	ND	ND	ND	72.0	ND	ND
Total VO+15	1.0	3.8	34.0	11.8	7.9	468.7	ND	ND
ABN+25:								
AE	ND	- - -	- - -	- - -	ND	ND	- - -	ND
BN								
Bis (2-ethylhexyl) phthalate	5.6	- - -	- - -	- - -	3.5	ND	- - -	ND
- Fluoranthene	ND	- - -	- - -	- - -	0.43	0.64	- - -	ND
- Pyrene	ND	- - -	- - -	- - -	0.39	0.52	- - -	ND
- Chrysene	ND	- - -	- - -	- - -	0.36	0.27	- - -	ND
- Benzo(b)fluoranthene	ND	- - -	- - -	- - -	0.66	ND	- - -	ND
- Benzo(a)pyrene	ND	- - -	- - -	- - -	0.38	ND	- - -	ND
- Phenanthrene	ND	- - -	- - -	- - -	ND	0.86	- - -	ND
Total Target BN:	5.6	- - -	- - -	- - -	5.72	2.29	- - -	ND
TICs	21	- - -	- - -	- - -	ND	61	- - -	ND
Unknowns	23.4	- - -	- - -	- - -	11	15	- -	ND
Total Library Search	44.4	- - -	- - -	- - -	11	76	- - -	ND
Total ABN+25	50.0	- - -	- - -	- - -	16.72	78.29	- - -	ND

AEU001007

AMERICAN CYANAMID COMPANY/SHULTON INC., USA PRE-ECRA INVESTIGATION
CLIFTON, NEW JERSEY

TABLE G-7
GROUNDWATER SAMPLING RESULTS (PPB)
(Continued)

	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	TRIP BLANK	FIELD BLANK
Pesticides/PCBs:								
Dieldrin	2	- - -	- - -	- - -	ND	ND	- - -	ND
Priority Pollutant Metals								
Arsenic	ND	- - -	- - -	- - -	ND	29.5	- - -	ND
Copper	ND	- - -	- - -	- - -	ND	25	- - -	ND
Chromium	14	- - -	- - -	- - -	ND	ND	- - -	10
Lead	13	- - -	- - -	- - -	83.1	43	- - -	ND
Zinc	46	- - -	- - -	- - -	47	116	- - -	ND
Phenols:	109	- - -	- - -	- - -	ND	ND	- - -	ND
Cyanides:	ND	- - -	- - -	- - -	32	42	- - -	ND
PHC:	ND	- - -	- - -	- - -	ND	ND	- - -	ND

PPB: Parts per billion
VO+15: Volatile Organic Compounds plus 15 peaks
MW: Monitoring Well
ND: Not Detected
TICs: Tentatively Identified Compounds
ABN+15: Acid extractable/base neutral compounds plus 25 peaks
PHC: Petroleum Hydrocarbons
*: Excludes compounds detected in laboratory method blank
- - -: Sample not analyzed for this parameter

Killam

APPENDIX H

KILLAM ASSOCIATES QUALITY ASSURANCE/QUALITY CONTROL PROGRAM
(under separate cover)

Killam

APPENDIX I

KILLAM ASSOCIATES' FIELD SAMPLING PROCEDURES

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APPENDIX J

SOIL BORING AND MONITORING WELL LOGS

Killam

APPENDIX K

MONITORING WELL CERTIFICATION FORMS A

Killam

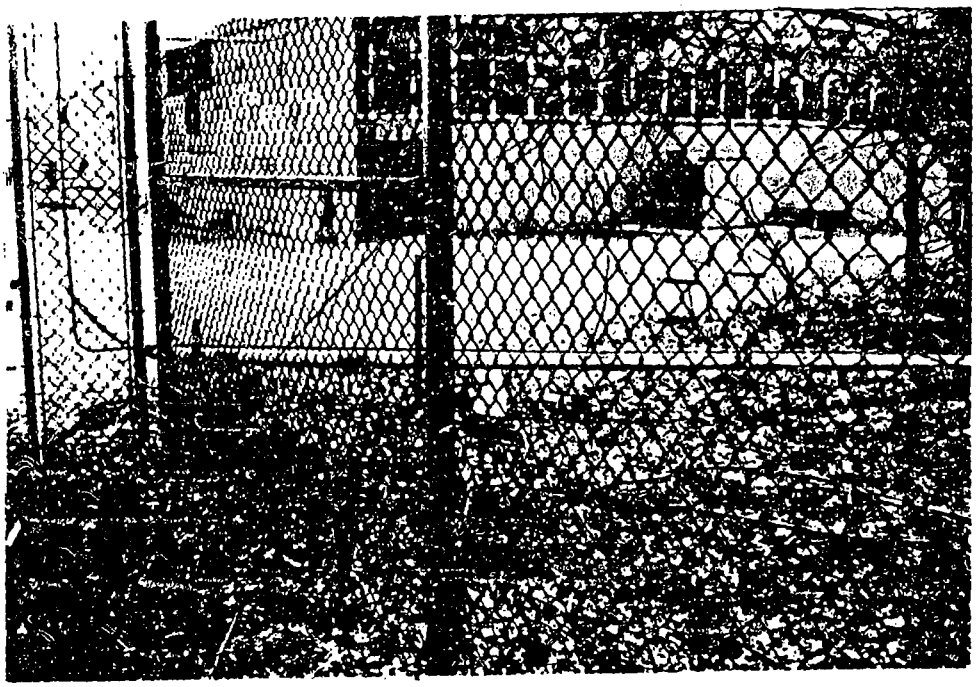
APPENDIX L

PHOTOGRAPHS - PRE-ECRA POTENTIAL ENVIRONMENTAL CONCERNS

Killam

PHOTOGRAPHIC LOG

- No.1 -



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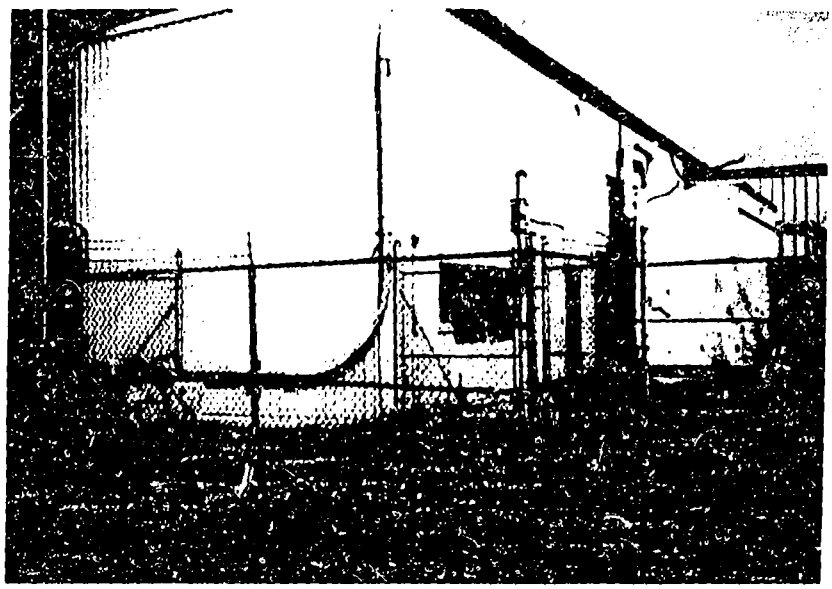
- No.3 -



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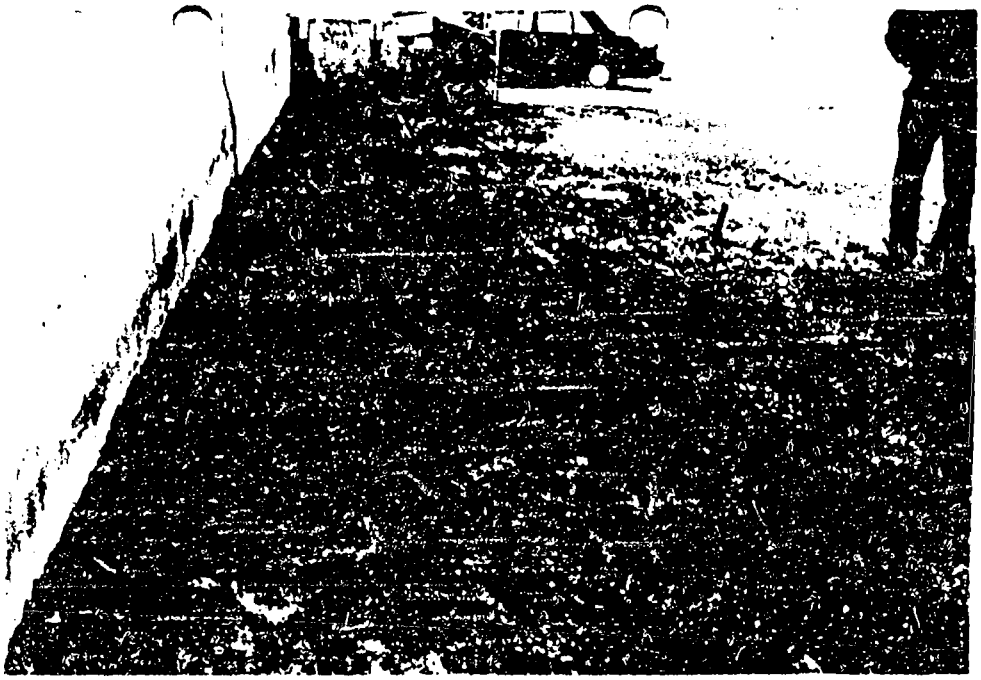

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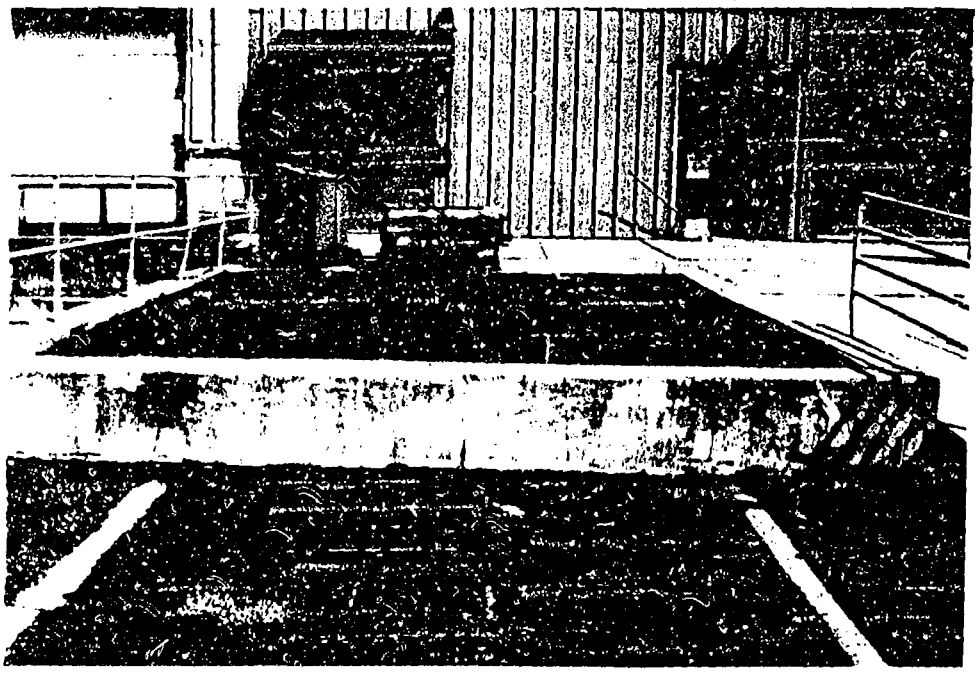

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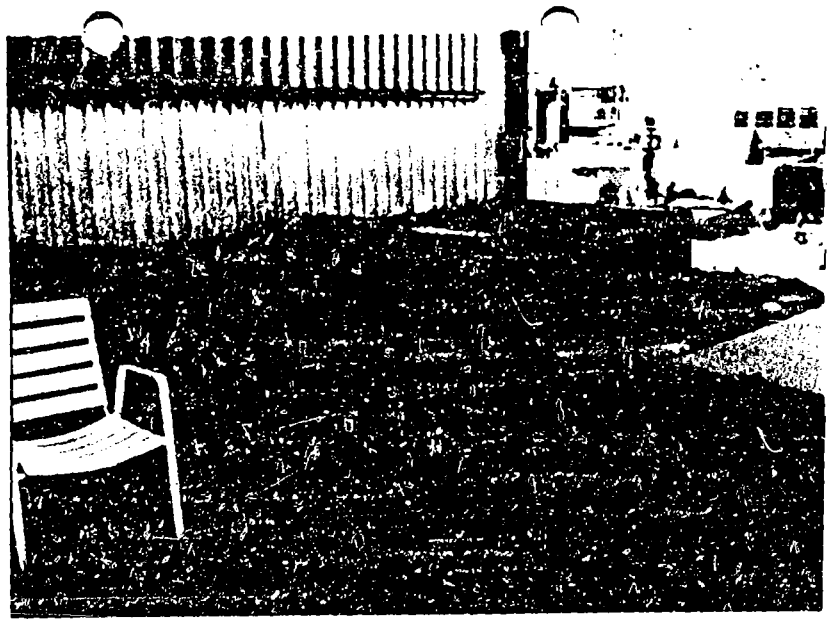

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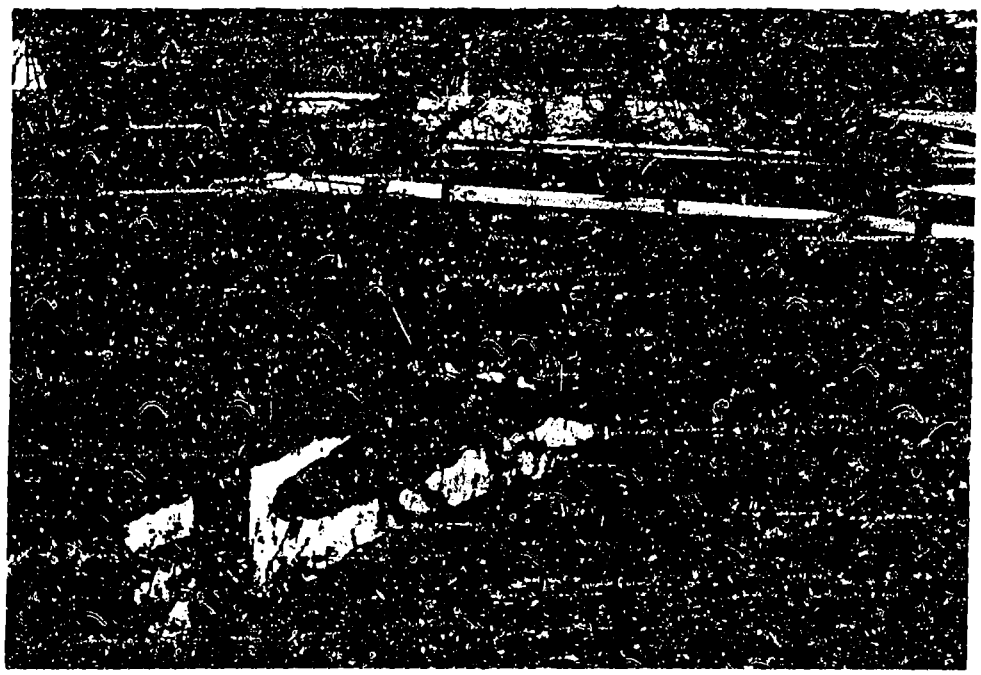
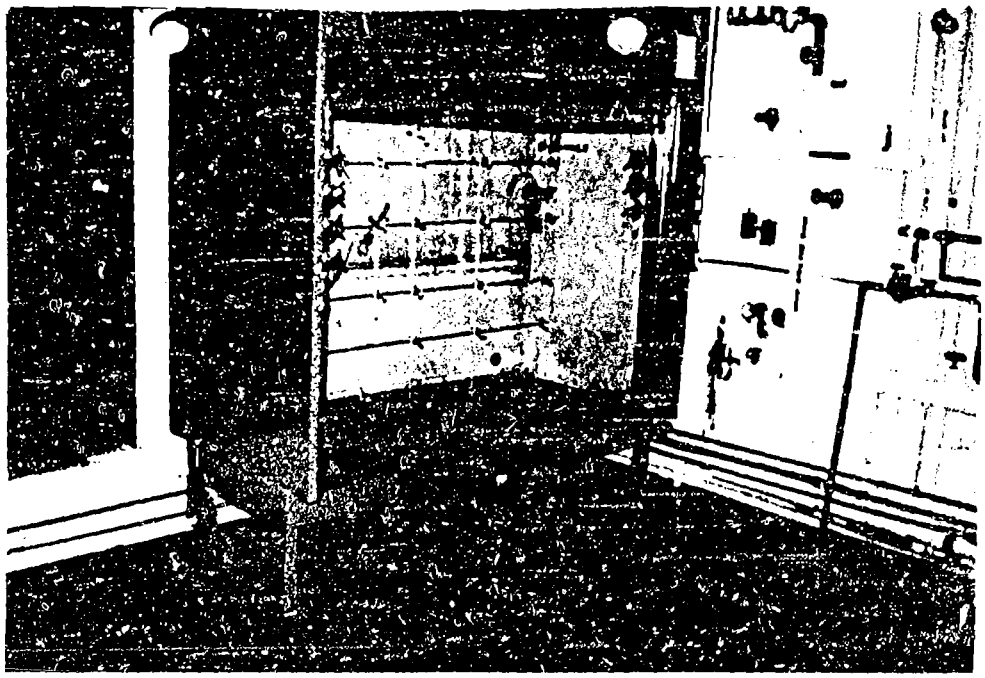


- No.8 -

- No.9 -

- No.10 -



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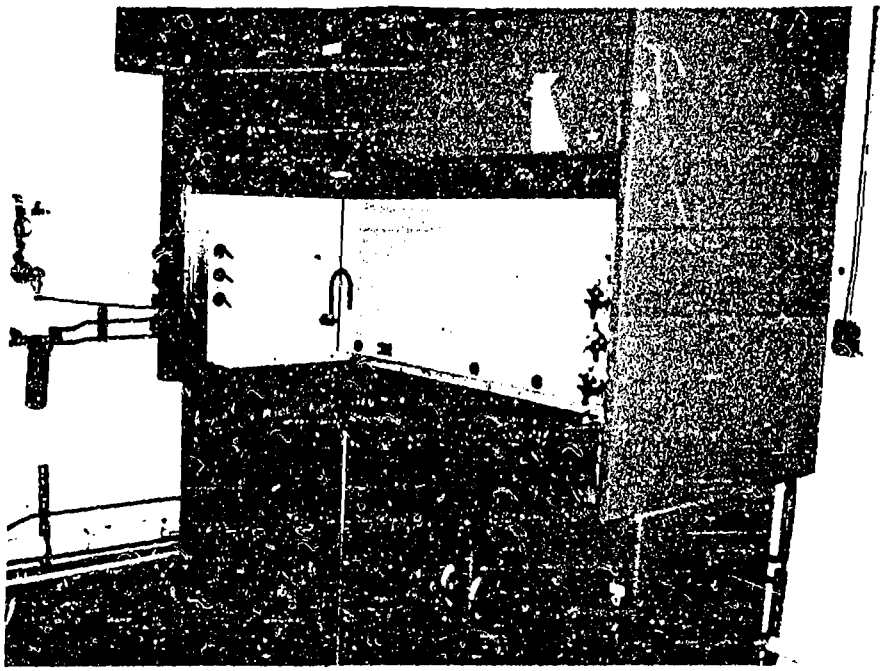

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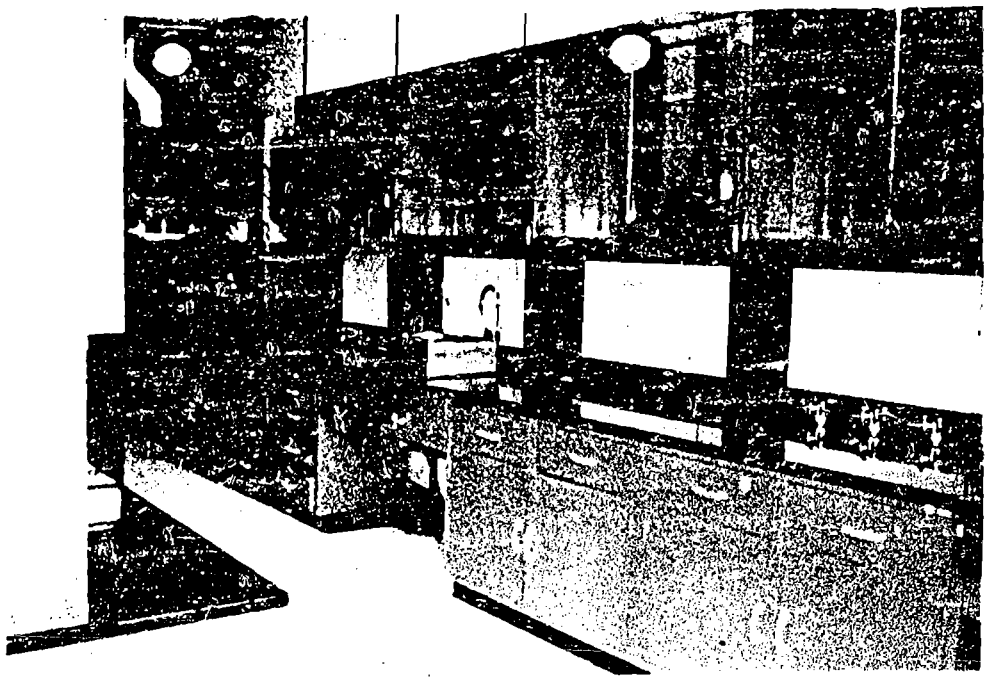

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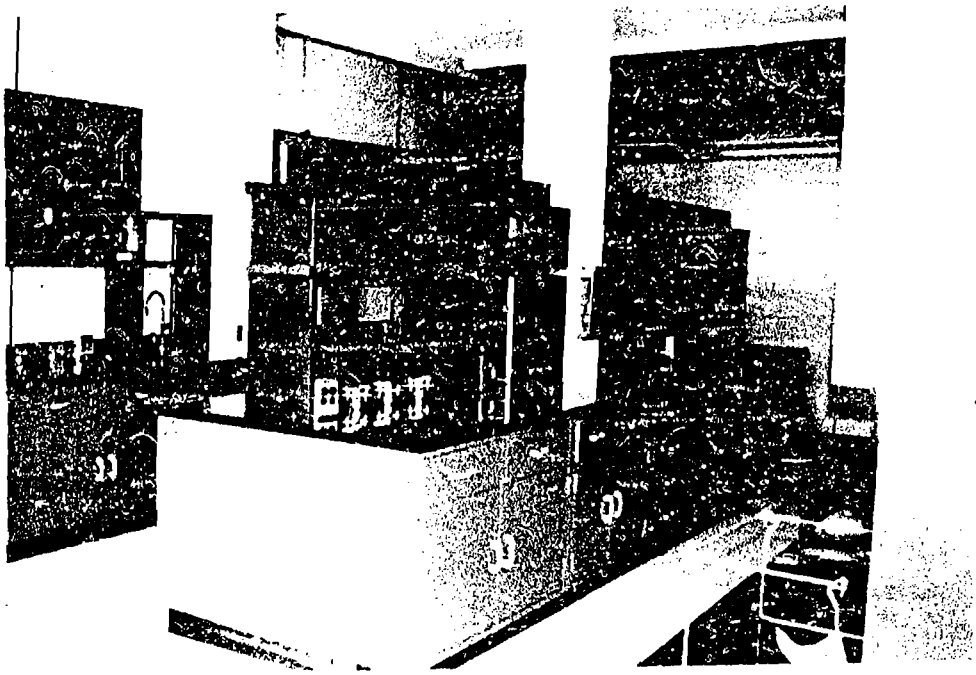

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AEU001021

Killam

APPENDIX N

LABORATORY DECOMMISSIONING/DECONTAMINATION ANALYTICAL DATA
(Under Separate Cover)

To: R. Tabakin

Date: 6/17/91

Location: Wayne

Copy to: J. Titmas
L. Douchette Aehmann

From: J. McKnight

Location: Clifton

Extension: 6751

Subject: ECRA Site Inspection Item #6/ Building #9a Vertical Pipe

Reference:

Through interviewing employees who worked at the Shulton Clifton site when the vertical pipe on the side of building #9 was operational we were able to determine it's function. Around 1970 a system was designed to take water and circulate it to the roof of building #9 to cool it during the summer. The vertical pipe originated in an underground sump where water was pumped through it to the roof. Water from the roof was returned to the sump by gravity. Over the years pieces of the pipe had been removed leaving the pipe protruding from the ground. The pipe was operational for approximately two years when the roof began to leak and system was abandoned.

AEU001024

Killam

APPENDIX F

NITINE SPECIALITY CHEMICALS SAMPLE RESULTS

ETC ENVIRONMENTAL TESTING and CER...ICATION

November 19, 1990

TECHNICAL REPORT

for

Shulton Inc.
697 Route 46
Clifton, NJ 07015

Chain of Custody Data Required for ETC Data Management Summary Reports

ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
D4751 - D4753	SHULTON INC.	SICLIFDIO				

ENVIRONMENTAL TESTING and CERTIFICATION CORPORATION

Denis C. K. Lin, Ph.D.
Vice President
Research and Operations

AEU001026

ETC *ENVIRONMENTAL TESTING and CERTIFICATION CORPORATION*

DENIS C.K. LIN, Ph.D.
Vice President
Research and Operations

November 19, 1983

Mr. Robert McDevitt
Shulton Inc.
697 Route 46
Clifton, NJ 07015

Dear Mr. McDevitt:

We are pleased to submit the accompanying reports in response to your testing requirements. We are confident that the results are of the highest quality.

If you have any questions regarding your report, we encourage you to contact any one of the following persons in our Client Service organization:

Pat McIsaac	(201) 225-6751
Janet Zimmermann	(201) 225-6722
Lynne Fanjoy	(201) 225-6747

They will coordinate your inquiries with the appropriate technical personnel. Your account executives, along with our Client Service organization are also available to assist you in defining requirements for future testing programs.

If we can be of further service to your organization in the future, please contact us.

Sincerely,

Denis C. K. Lin, Ph.D.

DCKL:rp
Attachments

cc: Tom Burke, NJDEP, Trenton, NJ 08625
Jorge Berkowitz, NJDEP, Trenton, NJ 08625

AEU001027

284 RARITAN CENTER PARKWAY • EDISON, NJ 08837 (201) 225-5800 TELEX 710.480.0504

ETC ENVIRONMENTAL TESTING and CERTIFICATION

INTRODUCTION

This report contains the analytical results for your samples received on November 3, 1983. It is designed to satisfy the needs of your people at various levels in your organization.

The results we obtained on your samples are presented in a tabular format immediately after this page. Included with the sample results are the quality assurance data for your specific samples. The gas chromatograms and/or mass spectra generated in the analysis of your samples are included in the Appendix of this report. The chain of custody record for your samples is included at the end of this report.

The established methods we used in the analysis of your samples are described in the Methodology section.

We hope our report format is useful in assisting you to obtain pertinent information on your samples.

METHODOLOGY

The method employed for the analysis of soil samples for 2,3,7,8-TCDD is the September 1983 draft revision of "Determination of 2,3,7,8-TCDD in Soil and Sediment," U.S. Environmental Protection Agency, Region VII Laboratory, Kansas City, Kansas. These samples are analyzed using an electron impact GC/MS instrument with a direct capillary interface.

The cleanup methodology employed was Option A followed by D in the May 1983 draft revision of "Determination of 2,3,7,8-TCDD in Soil and Sediment," USEPA Region VII Laboratory, Kansas City, KS. A 60 meter SP-2340 fused silica capillary column was used for the analysis.

The method employed for the analysis of water samples for 2,3,7,8-TCDD utilizes EPA Method 613 (Reference EPA-600/4-82-057) for the extraction, followed by Options A plus D clean up procedures of the September 1983, draft revision of "Determination of 2,3,7,8-TCDD in Soil and Sediment," USEPA Region VII Laboratory, Kansas City, KS. The sample extracts are then analyzed by using electron impact GC/MS with a direct capillary interface, as per the above referenced EPA Region VII method. A 60 meter SP-2340 fused silica capillary column was used for the analysis.

Cycle scan time is 0.75 seconds/scan.

RESULTS

The accuracy of the analysis is directly dependent on the accuracy of the native TCDD stock solution. We used the certified standard from the EPA as the primary standard to calculate the values in the sample.

Native: 2,3,7,8 TCDD Standard- EPA (Radian Lot No. CR-822-2-2);
Labeled: $^{13}C_{12}$ 98+ % Standard- KOR, Inc., Lot No. AA-12-81.
$^{37}Cl_4$ 99% Standard- KOR, Inc., Lot No. SSY-G-123.

TABLE OF CONTENTS

EPA WORK ASSIGNMENT NUMBER: 041-2Z00
EPA CONTRACT NUMBER: 68-W8-0110
EBASCO SERVICES INCORPORATED

ARCS II PROGRAM

FINAL
ENVIRONMENTAL PRIORITIES INITIATIVE/ PRELIMINARY ASSESSMENT (EPI-PA)
SHULTON TOILETRIES
CLIFTON
PASSAIC COUNTY, NEW JERSEY
CERCLIS NO.: NJD002190304

SEPTEMBER 1992

NOTICE

THE INFORMATION IN THIS DOCUMENT HAS BEEN FUNDED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) UNDER ARCS II CONTRACT NO. 68-W8-0110 TO EBASCO SERVICES INCORPORATED (EBASCO). THIS DOCUMENT HAS BEEN FORMALLY RELEASED BY EBASCO TO THE USEPA. THIS DOCUMENT DOES NOT, HOWEVER, REPRESENT USEPA POSITION OR POLICY, AND HAS NOT BEEN FORMALLY RELEASED BY USEPA.

EPA WORK ASSIGNMENT NUMBER: 041-2Z00
EPA CONTRACT NUMBER: 68-W8-0110
EBASCO SERVICES INCORPORATED

ARCS II PROGRAM

FINAL
ENVIRONMENTAL PRIORITIES INITIATIVE/ PRELIMINARY ASSESSMENT (EPI-PA)
SHULTON TOILETRIES
CLIFTON
PASSAIC COUNTY, NEW JERSEY
CERCLIS NO.: NJD002190304

SEPTEMBER 1992

SUBMITTED BY:

Peter McLaughlin
Task Leader
Resource Applications, Incorporated

APPROVED BY:

Ming Kuo, Ph.D., P.E.
ARCS II Technical Support Manager
Ebasco Services Incorporated

REVIEWED BY:

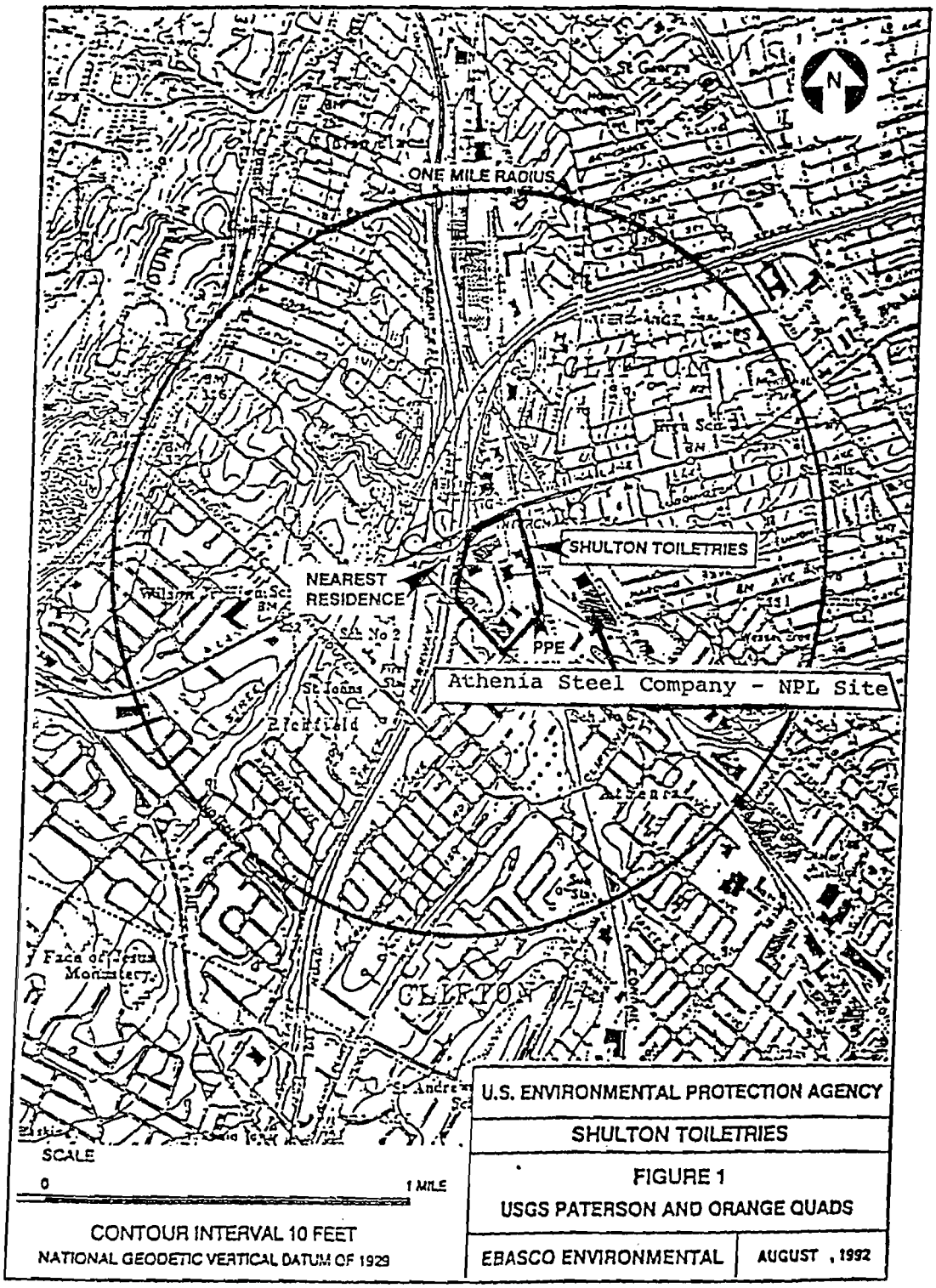
Edgar J. Aguado
EPI-PA Site Manager
Ebasco Services Incorporated

SITE SUMMARY AND RECOMMENDATION

The Shulton Toiletries (Shulton) facility (CERCLIS #NJD002190304) is located at 697 Route 46, in the City of Clifton, Passaic County, New Jersey (Figure 1). The Shulton facility was a manufacturer of personal hygiene and household products, but has been inactive, except for administrative activities, since 1991. The fenced, 42-acre site exists in an urban area characterized by industrial, commercial, and residential activity approximately 14 miles west of New York City. The site is bordered on the east by the CONRAIL railroad tracks and Parkway Iron and Steel (PIS), an automotive junkyard; on the north by Route 46 East and light industry; on the west by the Garden State Parkway, light industries, and residences; and on the south by Colfax Avenue and residences. The former Athenia Steel facility is located immediately southeast of the site. The Shulton site contains 18 buildings which formerly housed manufacturing, research and development (R&D), and computer and office operations (Figure 2). Weasel Brook runs south to southeast through the site.

The site has been owned by American Cyanamid Company (American Cyanamid), based at 1 Cyanamid Plaza in Wayne, New Jersey, since 1971. Previously, the site was owned by Shulton Incorporated, USA, who began operations in 1946. Prior to the construction of the facility, the site was used for agricultural purposes. Currently, only American Cyanamid administrative operations are active on the site. Manufacturing operations consisted of blending chemicals to form antiperspirants, deodorants, aftershaves, and fragrances; and plastic injection molding to form product containers. Shulton also manufactured some household insecticides. Quality assurance and R&D activities took place in laboratories in Building 3 (B-3). In the laboratory activities, Shulton used radioisotopes in gas chromatographic sample analysis. Radioisotopes were also used for insecticide research. Shulton maintained two permits from the Nuclear Regulatory Commission (NRC) for this activity. During manufacturing, hazardous wastes were collected from the process and laboratory areas, combined into 55-gallon drums, and placed into storage at one of four hazardous waste storage areas prior to off-site disposal. In addition, lab-packed wastes were generated during laboratory processes and cleanouts. Total capacity of the storage areas was 92 55-gallon drums. Lab-packed wastes were also stored in the hazardous waste storage areas prior to off-site disposal. Resource Conservation and Recovery Act (RCRA) closure activities began on each of the hazardous waste storage areas in 1990. At two of the areas, Building 7A (B-7A) and Building 16 (B-16), the concrete pads were scraped and steam cleaned, and soil sampling was conducted. The concrete pads at areas B-3 Basement and B-3 Rooftop, were cleaned with a detergent wash. Analysis of wipe samples, taken at areas B-3 Basement Storage Area (SWMU1) and B-3 Roof Storage Area (SWMU2) resulted in RCRA closure of each area on July 19, 1991. RCRA closure is pending for areas B-7A Storage Area (SWMU3) and B-16 Storage Area (SWMU4), contingent on the acceptance of soil sampling results submitted to the New Jersey Department of Environmental Protection and Energy (NJDEPE) on June 5, 1992.

Five additional areas of concern currently exist at the Shulton site. Remediation for these areas has been addressed in an Environmental Cleanup Responsibility Act (ECRA) Summary of Sampling and Proposed Remedial Actions (SSPRA) report prepared by Killam Associates (Killam) of Wayne, New Jersey on behalf of American Cyanamid. The first area is located along the east side of the site, which is bordered by CONRAIL Railroad and Parkway Iron & Steel Company (PIS). PIS is known to have released crank-case oil from automobile engines on its



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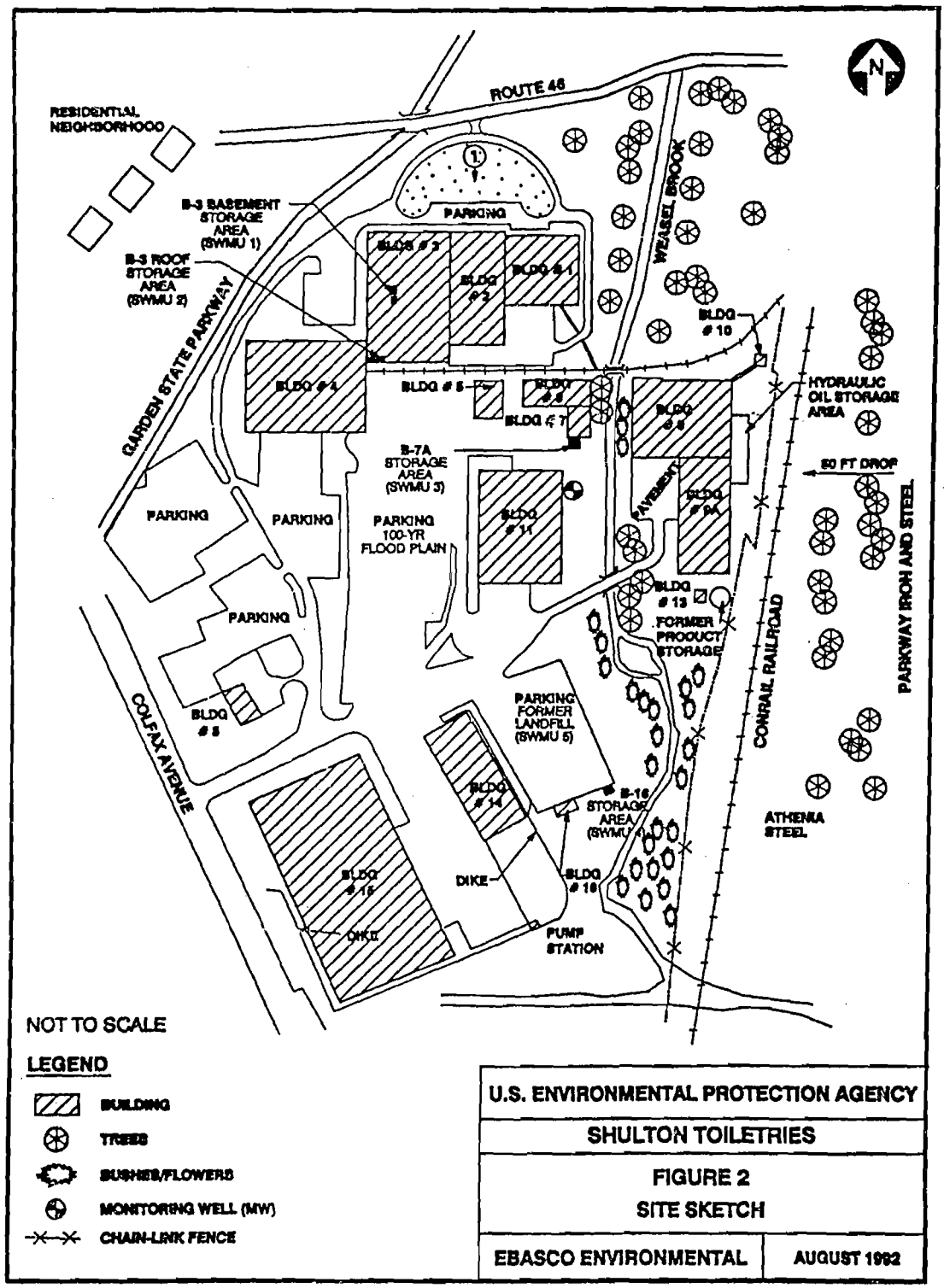
TIERRA-D-026495



AEU001037

property. The Shulton property receives surface water runoff from PIS. Soil sampling along the east border, behind Building 10 (B-10), indicated the presence of petroleum hydrocarbons (PHCs) and base neutral (BN) compounds, copper, lead, and zinc. American Cyanamid has proposed soil excavation and post-excavation soil sampling in response to this contamination.

The second area, Weasel Brook, has had a number of off-site, upstream releases which resulted in contaminants (including PHCs) flowing downstream through the Shulton property. In addition to the off-site releases, in 1982 a spill between 25 and 50 gallons of fuel oil occurred east of Building 5 (B-5) due to overfilling of one of the two former 10,000-gallon fuel oil underground storage tanks (USTs). The spill reached Weasel Brook via storm drains located near B-7A. New England Pollution Control installed a floating dike in Weasel Brook and used a number of sorbent pads to control the discharge. No further information concerning this release is available. Based on sediment sampling results for total BN compounds, American Cyanamid has proposed no further action. However, according to a facility representative, NJDEPE has requested a sampling plan for the west brook bank in order to show that contaminants are not migrating to Weasel Brook from on-site sources.

The third area is the Former Landfill (SWMU 5), which is located beneath the parking lot west of Building 16 (B-16). The landfill is 0.35 acre in size and contains construction debris, grass clippings, paper, and glass bottles. The area was used prior to 1960, and has since been paved over with asphalt. PHCs, copper, lead, and total priority base neutral (BN) compounds were detected above ECRA guidelines in the soil. Elevated levels of lead and total priority volatile organic compounds (VOCs) were detected in the groundwater. Excavation of soil at the landfill, as well as post-excavation sampling, has been proposed by American Cyanamid to address the soil contamination. Resampling of groundwater for total priority VOCs has also been proposed.

The fourth area of concern at the site is the Former UST Area, west of B-5. A groundwater contaminant plume, consisting of total priority VOCs, total BN compounds, and PHCs, was detected. American Cyanamid has proposed to further evaluate the groundwater contamination to establish the extent of the plume. Based on these findings, a hydrogeologic study will be performed in order to devise an appropriate remedial strategy.

The fifth area of concern is the presence of chlorinated VOCs (i.e. trans-1,2-dichloroethene and trichloroethane) in the groundwater beneath the site. Due to the fact that the particular chlorinated VOCs detected above ECRA guidelines were not used on-site, it is the assertion of American Cyanamid that this contamination can best be explained by off-site sources. In order to substantiate this claim, American Cyanamid has proposed the installation and sampling of three additional groundwater monitoring wells and a full round of sampling of all existing wells on-site.

During the site reconnaissance, all production and storage areas were observed, and no evidence of release was noted. All on-site areas of concern (except the groundwater contamination) were observed and no evidence of release was noted. However, along the CONRAIL railroad tracks, between the site and the PIS property, an oily sheen on top of a rain puddle was observed. The puddle and oily sheen were observed downgradient from PIS. Several rusted drums and other rusted metal debris located at the top of, and along the embankment, between the railroad tracks and PIS were also observed.

The hydraulic oil storage area, where waste hydraulic oil was brought and reclaimed for use at the facility is located outdoors, at the northeast corner of Building 9-A (B-9A). Adjacent to and outside, at the southeast corner of B-9A, two overturned 55-gallon steel drums were observed. The drums were located within a locked, fenced area measuring approximately 10 feet by 10 feet. No evidence of release from these drums was noted. Facility representatives stated that the drums were empty, but could not provide any further information about the original contents of the drums.

There are three decommissioned groundwater wells located on-site. These wells supplied Shulton with noncontact cooling water for various process equipment. All industrial and environmental permits for the facility have been rescinded except an air permit for the boiler. Site vegetation consists of grass and trees in good condition. The site is approximately 65% paved. Site runoff is directed by storm water drains through two outfalls to Weasel Brook, and by natural patterns to the southeast. It is unknown whether neighboring properties or off-site areas have been contaminated due to the facility. In February 1990, a release to air was documented due to the unpermitted installation and operation of heated antiperspirant mix tanks vented to a common stack and an antiperspirant filling machine vented directly to the atmosphere. The situation was resolved through submission of air permit applications to NJDEPE. Numerous potential sources of contamination from industrial facilities exist within one mile of the site. According to a facility representative, the former Athenia Steel Company is on the National Priorities List (NPL).

Beneath the facility, the unconsolidated deposits are approximately 25 feet thick. The uppermost unit is continuous till, which is silty in nature. Where sandy, the material may be a local unconfined aquifer; however, better water supply potential is found in deltaic outwash sand and gravels, approximately 0.5 mile east of the facility. The uppermost bedrock is part of the Brunswick Formation, predominately of Late Triassic age, with some deposits extending into the Early Jurassic. These rocks consist of approximately 4,000 feet of grayish-red to reddish-brown, evenly to irregularly bedded, thin to thick bedded shale, siltstone, medium to coarse-grained sandstone, and some red-matrix conglomerate. Beneath the Brunswick Formation are grey and black siltstones and shales of the Late Triassic Lockatong Formation. The unit consists of alternating detrital and chemical-lacustrine cycles. The detrital cycles consist of laminated, calcareous, pyritic siltstone and shale overlain by platy to massive, disrupted (mudcracked and burrowed) dark grey calcareous siltstone and fine-grained sandstone. The chemical cycles consist of a lower portion of platy dark grey to black dolomitic siltstone and marlstone with shrinkage cracks and lenses of pyritic limestone; and an upper portion of massive, grey or red, analcime or carbonate rich, disrupted siltstone. The detrital cycles average 17.1 feet in thickness, while the chemical cycles average 10.5 feet. The Lockatong rocks appear to be approximately 3,000 feet thick beneath the facility. At or near the base of this formation are diabases; that is, dark-grey to black, fine to coarse-grained igneous rocks composed of calcic plagioclase and augite pyroxene. These igneous intrusives were intruded during the Early Jurassic in the form of a sill (i.e. a structure intruded parallel to bedding). The sill was fed by a dike extruding down into the underlying rocks of the Late Triassic Stockton Formation, which is a grey, yellow, or red-brown sandstone, arkose, and arkosic conglomerate formation. Pebbles in the arkose include quartz, quartzite, feldspar, shale, limestone, and metamorphic rocks. In addition, some beds of grayish-red and reddish-brown siltstone and shale exist, with abundant channels, ripple marks, mudcracks, and crossbeds. The Stockton rocks in the site area are approximately 3,300 feet thick, and are underlain by Proterozoic rocks of the Manhattan Prong, which consists of amphibolites,

anorthosites, and granulite gneisses. The post-Proterozoic rocks are folded into a structure known as the Newark Jurassic-Triassic Basin, and the site is located on the southeastern side of this structure. The bedrock strata dip at an angle of about 20 degrees towards the northwest.

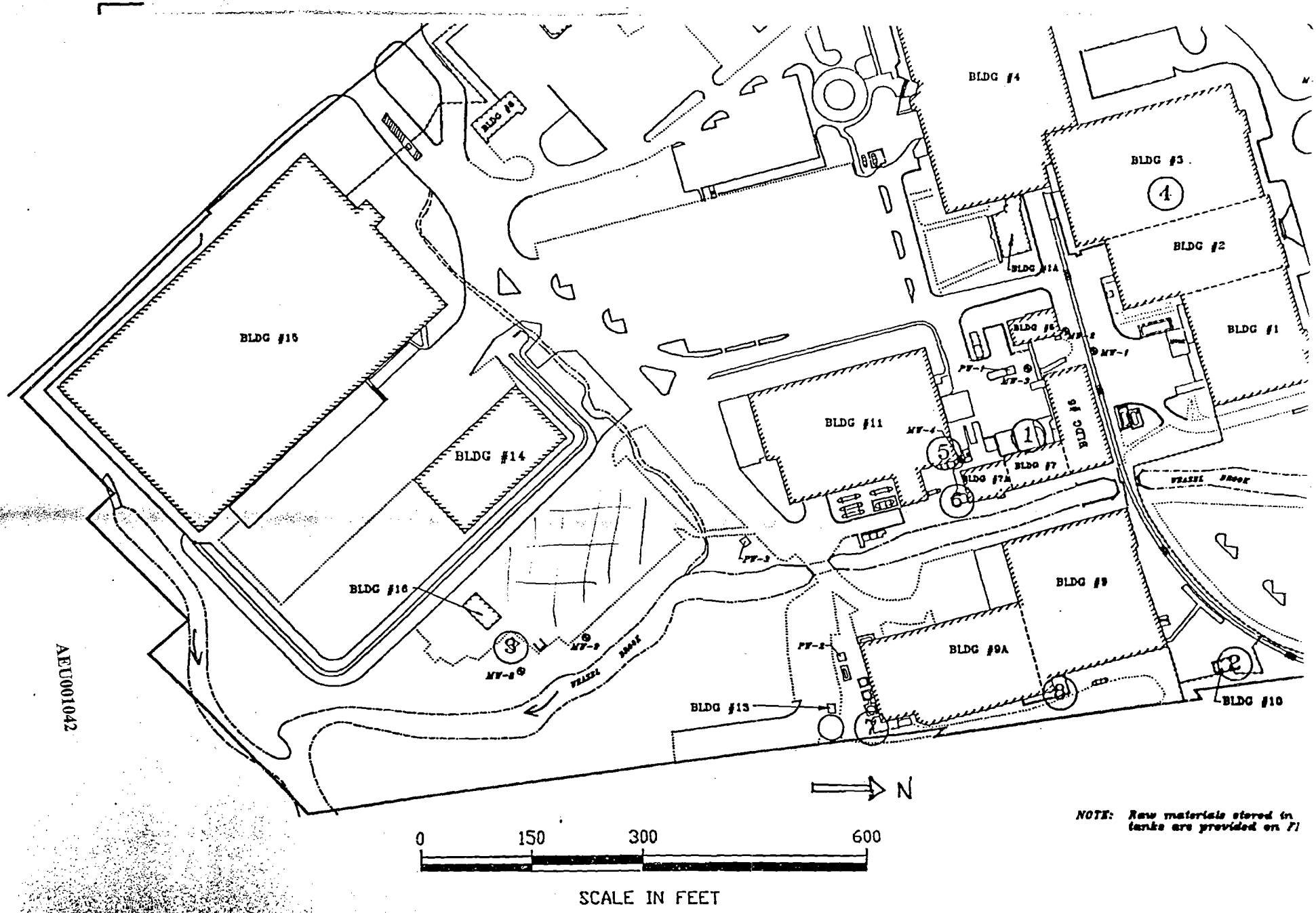
The aquifer of concern beneath the facility is the Brunswick Formation, which consists of shales, siltstones, sandstones, and some conglomerates. This unit exists at a depth of about 25 feet below the site, and is approximately 4,000 feet thick in the vicinity of the site. Yield from wells completed in this formation in Passaic County range from 50 to 510 gallons per minute (gpm); the permeability of the rocks varies between $1x10^{-7}$ centimeters per second (cm/sec) and $1.2x10^{-2}$ cm/sec, depending on rock texture and degree of fracture. The Passaic Formation is overlain by glacial tills, which are not used as a source of groundwater. The water table in the region lies between 20 feet (highest seasonal level) and 40 feet. The depth between the deepest point of contamination and the highest seasonal level water table is six feet. Groundwater flow direction is southeast, towards the Passaic River. There are no groundwater drinking wells within a four-mile radius of the site. Therefore, the population served by drinking water wells within a four-mile radius of the site is zero.

The site is predominately level, with surface water runoff towards Weasel Brook to the east and southeast. Just east of the CONRAIL tracks, the area terrain slopes approximately 50 feet upwards, towards PIS and other industrial sites. A wetlands delineation was performed by Killam along a section of Weasel Brook, east of B-11 and extending southeast of B-16. This resulted in the designation of approximately 0.5 acre of palustrine emergent/forested broad-leafed deciduous wetland habitat in the southeast area of the site. The facility is located within three flood zones, the majority of which is in Zone A, within the 100-year flood plain. The levied area in the south portion of the facility is in Zone B, within the 500-year flood plain but outside the 100-year flood plain. The extreme northwestern section of the facility is within Zone C, outside the 500-year flood plain.

The nearest surface water body is Weasel Brook, located on-site, and is used for industrial and drainage purposes. The flow rate of Weasel Brook is unknown. Dikes have been constructed around the western perimeter of Building #15 and the eastern perimeter of Building #14 and merge near the pump station, in the southern portion of the site. The probable point of entry is at Weasel Brook in the southeastern section of the site. The nearest residence is approximately 0.2 mile west of the site, across the Garden State Parkway. There are no drinking water intakes located within 15 miles downstream of the probable point of entry. There is an on-site sensitive environment, Weasel Brook, which runs south to southeast through the site. Many fisheries do exist within 15 miles downstream of the probable point of entry, but their exact locations are unknown. Public drinking water is obtained from a blended surface water system from the Passaic River (upstream) and the Wanaque Reservoir.

Currently, about 250 people work on-site. Approximately 4,309 people live within one mile of the site. There are no residences, schools or day care facilities located within 200 feet of the site. The population within four miles of the site is approximately 68,000, including students and on-site workers. Sensitive environments on-site and within one-half mile of the site include Weasel Brook and the wetland habitat mentioned above.

In summary, although soil and groundwater contamination exist on-site, each has been identified and is addressed in American Cyanamid's ECRA SSPRA report to NJDEPE. There have been no citizen complaints from members of surrounding communities. Based on this information, pending the completion and approval by NJDEPE of remedial activities at the site, the recommendation for the Shulton site is that the remediation be completed under the direction of NJDEPE.



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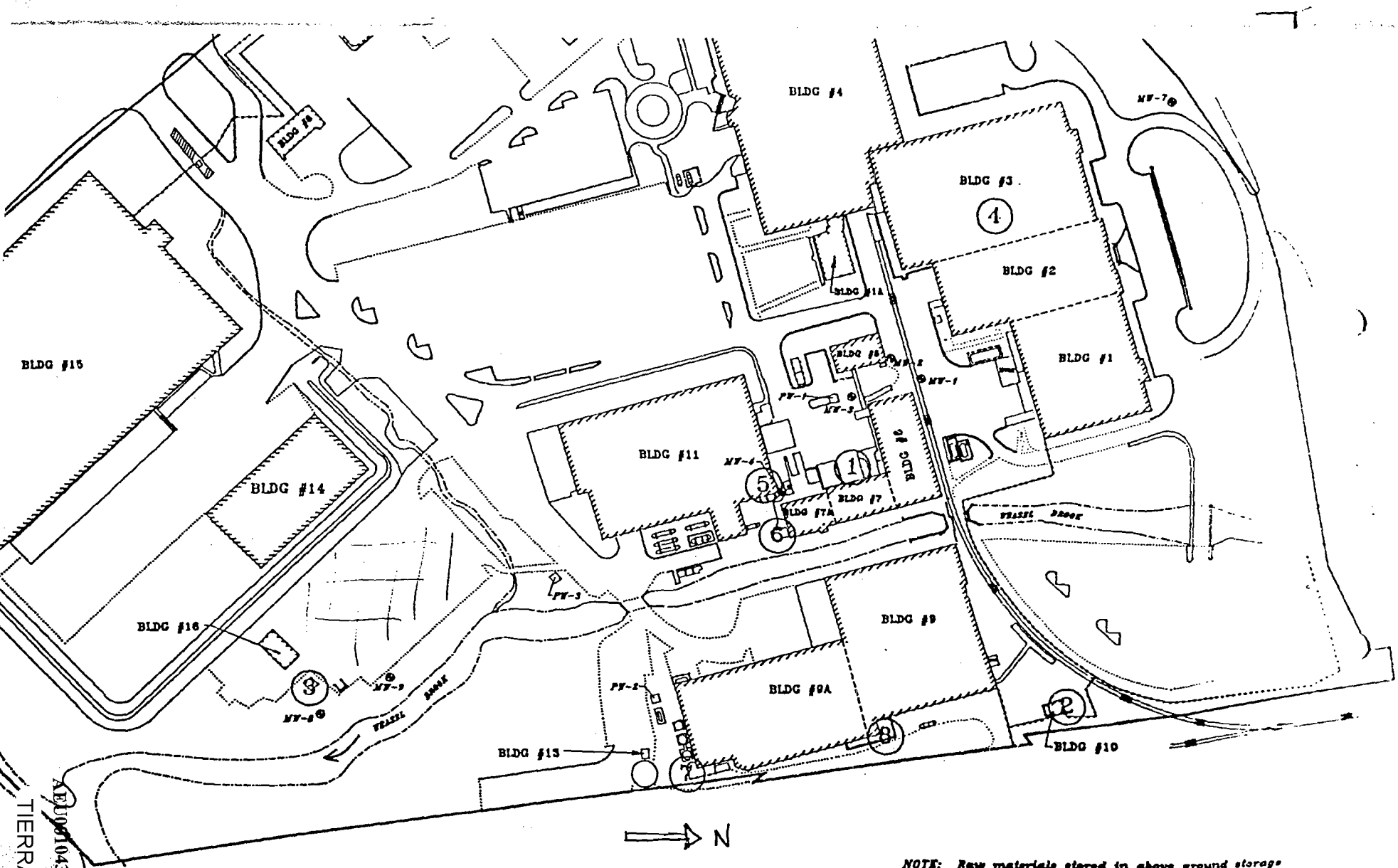

NOTE: Raw materials stored in above ground storage tanks are provided on FIGURE 4-2.

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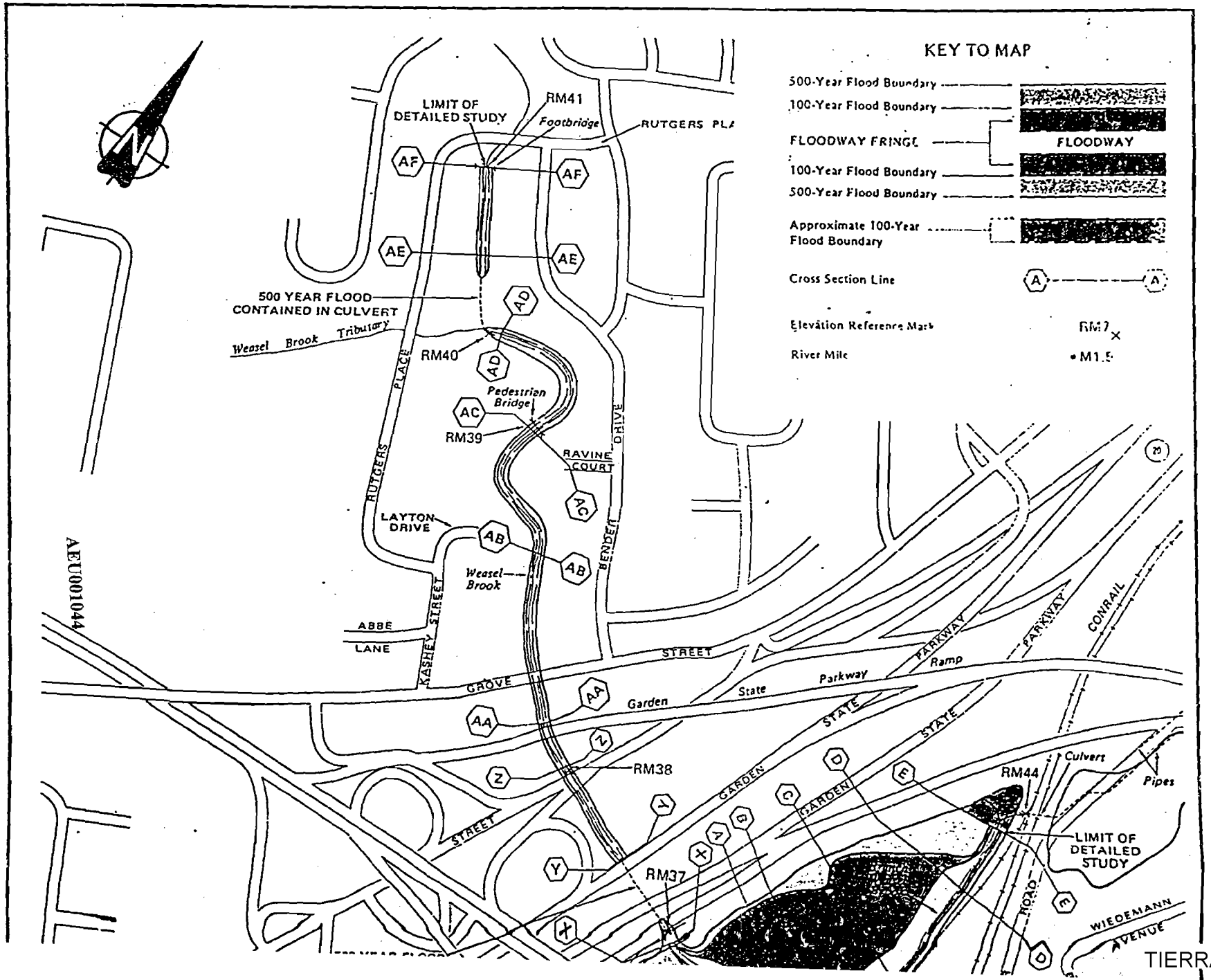

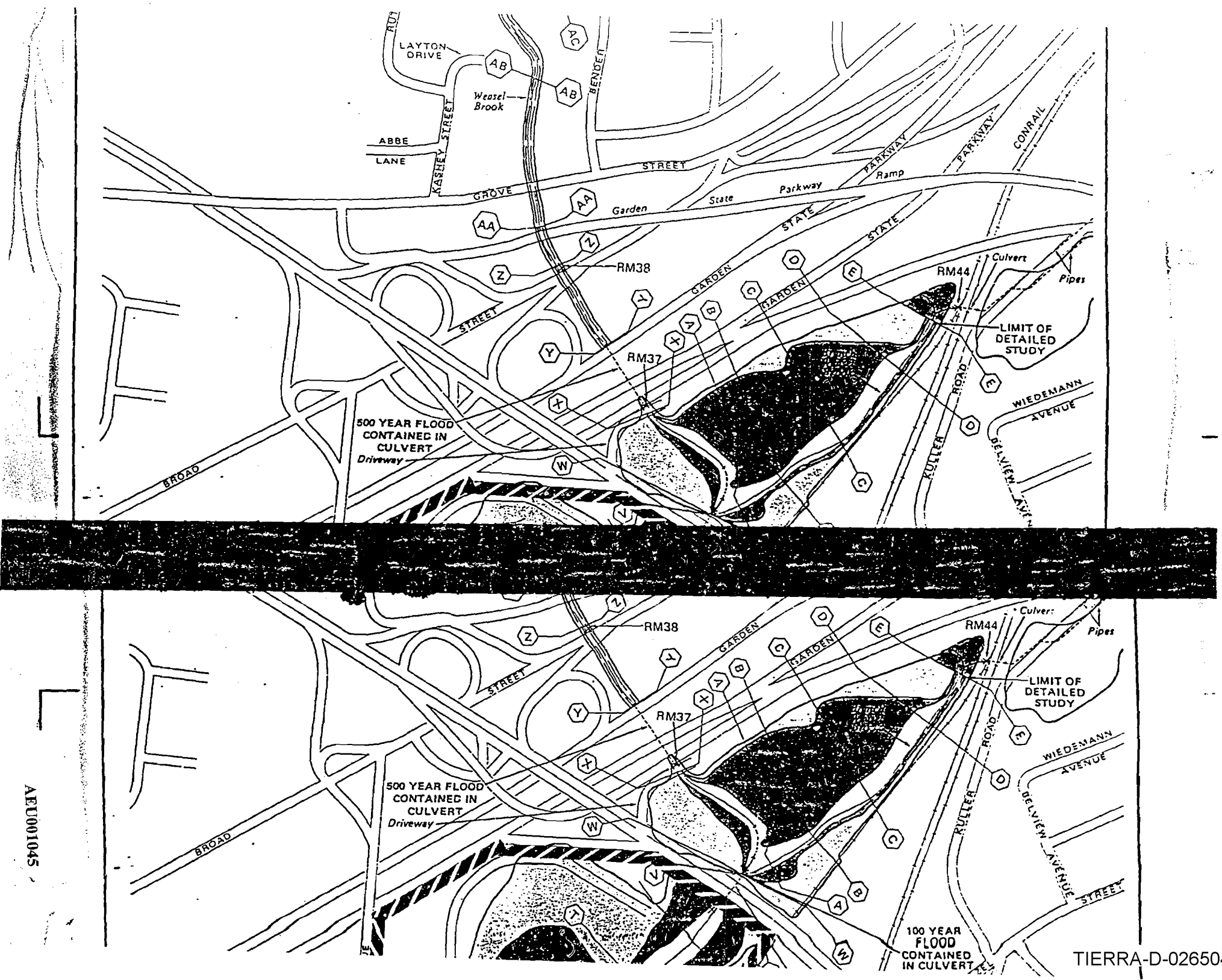

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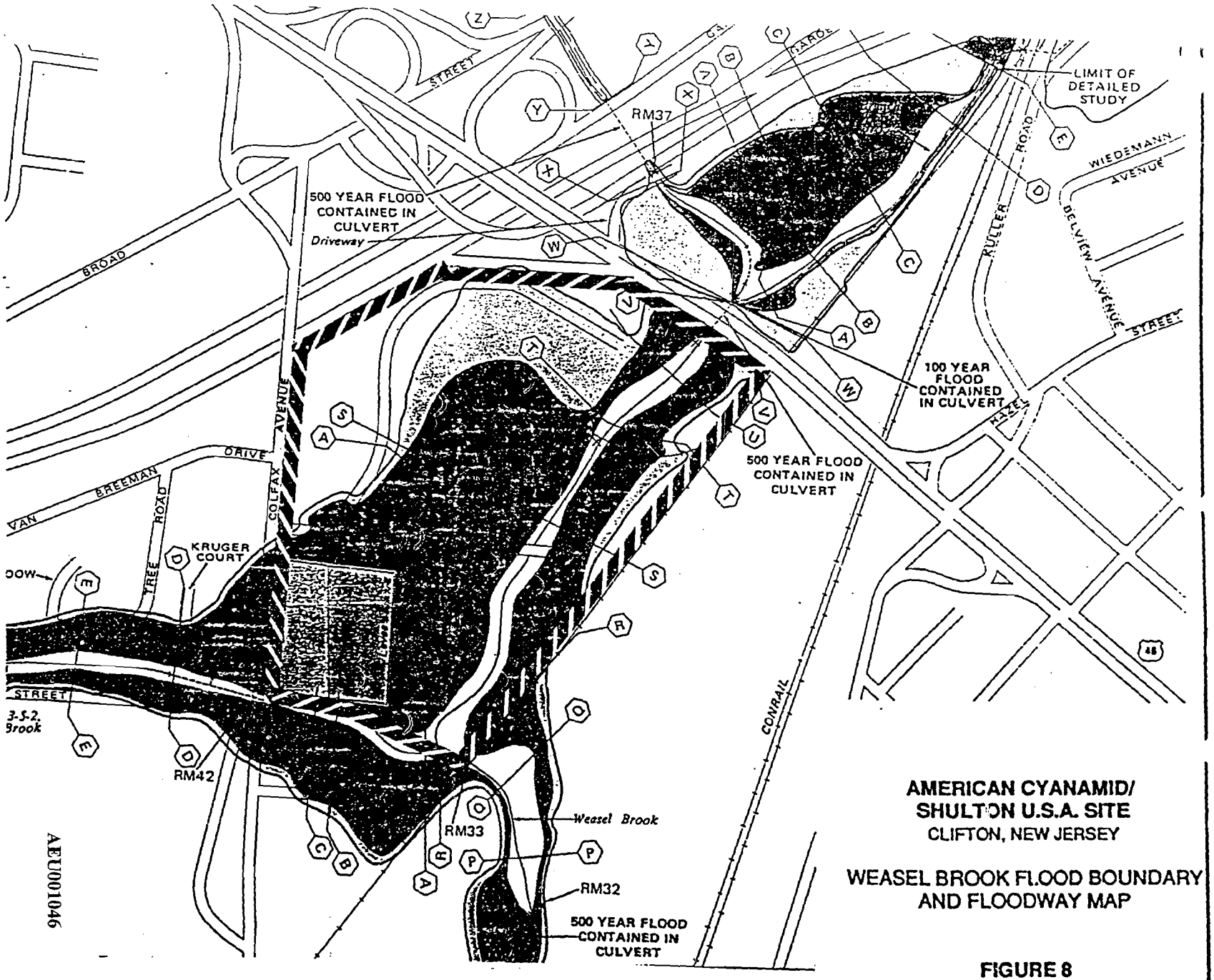

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AMERICAN CYANAMID/ SHULTON U.S.A. SITE
CLIFTON, NEW JERSEY

WEASEL BROOK FLOOD BOUNDARY AND FLOODWAY MAP

FIGURE 8

E.E. Killam Associated Consulting Engineers

Table (2)

Notes on NJDEPE Specified Data Averaging

1. There was only one base of excavation value at 4.5-5.0 feet deep

2. The average of the base of excavation values for B(a)A, B(b)F and B(k)F at the 5.0-5.5 and 5.5-6.0 feet depths were less than the residential cleanup criteria

3. The average of the base of excavation values for B(a)P was slightly above the residential cleanup criteria for the 5.0-5.5 feet depth (0.72 ppm vs. 0.66 ppm) and for the combined base of excavation average (0.68 ppm vs. 0.66 ppm)

4. The calculated averages (using 1/2 the MDL for all ND results) are biased high due to inflated MDL values (e.g. > 2.0); almost all of the samples which had inflated MDL values had high detected levels of Total Organic Contaminants and required dilution or cleanup before analysis:

Sample #	MDL (ppm)	TOC (ppm)
3	2.10	19258
5	2.30	6747
6	2.10	968
9	4.70	308
15	3.80	11346
25	2.30	2460
29	5.40	3115
34	5.00	7691
51	1.1-3.4	2740

5. The average of the sidewall values for B(b)F and B(k)F at all depths were less than the residential cleanup criteria

6. The average for B(a)A slightly exceeded the criteria (0.94 ppm vs. 0.90 ppm) at the 4.5-5.0 feet depth; the criteria was achieved in the deeper samples and for the average of all sidewall samples

7. The average for B(a)P slightly exceeded the criteria (0.72 ppm vs. 0.66 ppm) at the 4.5-5.0 feet depth; the criteria was achieved in the deeper samples and for the average of all sidewall samples

8. The average of all of the excavation base and sidewall samples (using 1/2 the MDL for ND values) achieved the residential criteria for all of the parameters

Table (1)

CLIFTON (SHULTON) SITE – RESIDUAL CONTAMINATION AT FORMER LANDFILL AREA

Type of Sample	Sample #	Depth (ft)	B(a)A	B(b)F	B(k)F	B(a)P	I(1,2,3-cd)P	MDL (ppm)
base of excavation	26	4.5-5.0	1.2	1.6	0.75	1.2	0.84	0.45
base of excavation	1	5.0-5.5	0.331	0.204	0.092	0.106	0.2	**
base of excavation	2	5.0-5.5	0.26	0.204	0.092	0.106	0.2	**
base of excavation	3	5.0-5.5	1.05	1.05	1.05	1.05	1.05	2.10
base of excavation	4	5.0-5.5	0.018	0.028	0.02	0.016	0.205	0.41
base of excavation	5	5.0-5.5	0.47	0.51	0.54	0.48	0.33	2.30
base of excavation	6	5.0-5.5	1.05	1.05	1.05	1.05	1.05	2.10
base of excavation	9	5.0-5.5	0.32	0.26	0.25	0.23	0.235	4.70
base of excavation	15	5.0-5.5	1.9	1.9	1.9	1.9	1.9	3.80
base of excavation	16	5.0-5.5	0.058	0.052	0.047	0.054	0.035	0.37
base of excavation	23	5.0-5.5	0.21	0.21	0.21	0.038	0.21	0.42
base of excavation	24	5.0-5.5	0.24	0.29	0.12	0.19	0.14	0.48
base of excavation	25	5.0-5.5	1.15	0.46	0.14	0.3	1.15	2.30
base of excavation	33	5.0-5.5	0.56	1.1	0.44	0.75	0.62	0.44
base of excavation	34	5.0-5.5	2.5	2.5	2.5	2.5	2.5	5.00
base of excavation	49	5.0-5.5	3.55	3.38	1.3	2.63	2.63	*
base of excavation	52	5.0-5.5	0.331	0.204	0.092	0.106	0.2	**
	Average		0.88	0.84	0.62	0.72	0.79	
base of excavation	29	5.5-6.0	0.63	1	0.4	0.82	2.7	5.40
base of excavation	30	5.5-6.0	0.15	0.31	0.21	0.2	0.16	0.42
base of excavation	32	5.5-6.0	0.26	0.42	0.17	0.3	0.21	0.43
base of excavation	39	5.5-6.0	0.24	0.47	0.15	0.28	0.22	0.36
	Average		0.37	0.55	0.23	0.40	0.82	
	Avg all base samples		0.80	0.82	0.55	0.68	0.80	
sidewall W-big 14	19	5.0-5.5	0.25	0.4	0.16	0.31	0.27	0.43
sidewall W-big 14	22	5.0-5.5	0.195	0.195	0.195	0.195	0.195	0.39
sidewall E-Brook	28	5.0-5.5	0.77	1.1	0.48	0.82	0.56	0.45
sidewall W-big 14	36	5.0-5.5	0.013	0.205	0.205	0.205	0.205	0.41
sidewall W-big 14	51	5.0-5.5	1.7	1.05	0.55	0.55	1	*
	Average		0.59	0.59	0.32	0.42	0.45	
sidewall E-Brook	31	5.5-6.0	0.53	0.9	0.34	0.59	0.42	0.43
sidewall N-rdway	35	5.5-6.0	0.21	0.21	0.21	0.21	0.21	0.42
sidewall N-rdway	40	5.5-6.0	0.36	0.63	0.22	0.43	0.28	0.46
sidewall N-rdway	41	5.5-6.0	0.23	0.51	0.15	0.3	0.24	0.44
sidewall N-rdway	42	5.5-6.0	0.31	0.59	0.21	0.39	0.24	0.44
	Average		0.33	0.57	0.23	0.36	0.28	
sidewall S-big 16	12	4.5-5.0	0.19	0.12	0.15	0.17	0.099	0.41
sidewall S-big 16	18	4.4-5.0	0.195	0.195	0.195	0.195	0.195	0.39
sidewall E-Brook	37	4.5-5.0	0.81	0.74	0.69	0.72	0.55	0.49
sidewall E-Brook	38	4.5-5.0	0.21	0.19	0.21	0.2	0.14	0.43
sidewall E-Brook	43	4.5-5.0	1.51	1.48	0.606	1.28	0.803	*
sidewall S-big 16	44	4.5-5.0	0.29	0.18	0.095	0.095	0.175	*
sidewall S-big 16	45	4.5-5.0	1.4	1.1	0.48	1.26	0.185	*
sidewall S-big 16	46	4.5-5.0	3.83	3.64	1.68	2.84	2.5	*
sidewall S-big 16	47	4.5-5.0	0.35	0.215	0.11	0.11	0.21	*
sidewall S-big 16	48	4.5-5.0	0.36	0.22	0.115	0.115	0.22	*
sidewall S-big 16	50	4.5-5.0	1.23	1.11	0.439	0.942	0.185	*
	Average		0.94	0.84	0.45	0.72	0.48	
	Avg all sidewall samples		0.68	0.68	0.35	0.54	0.40	
	OVERALL AVG		0.71	0.71	0.43	0.58	0.58	
	CLEANUP CRITERIA		0.90	0.90	0.90	0.66	NR	

* See next page for MDL list.
** These MDL's were averaged based on the MDL's from ETC listed on the next page.

Table (1) Continued

	MINIMUM DETECTION LIMIT (MDL) VALUES				(ppm)	
	Sample #	B(a)A	B(b)F	B(k)F	B(a)P	I(1,2,3-cd)P
	43	0.66	0.40	0.21	0.21	0.39
	44	0.58	0.36	0.19	0.19	0.35
	45	0.61	0.38	0.20	0.20	0.37
	46	0.79	0.49	0.25	0.25	0.48
	47	0.70	0.43	0.22	0.22	0.42
	48	0.72	0.44	0.23	0.23	0.44
	49	0.63	0.39	0.20	0.20	0.38
	50	0.61	0.38	0.20	0.20	0.37
	51	3.40	2.10	1.10	1.10	2.00
	Avg.*	0.66	0.41	0.21	0.21	0.40
	*excluding sample # 51					

SOIL SAMPLING AND ANALYTICAL RESULTS
CLOSURE OF HAZARDOUS WASTE STORAGE PADS

SHULTON, INC. USA
697 ROUTE 46
CLIFTON, NEW JERSEY 07015
EPA I/ NJD 002190304

Prepared For

AMERICAN CYANAMID COMPANY
1 CYANAMID PLAZA
WAYNE, NEW JERSEY 07470

COMPLIANCE MANAGEMENT INCORPORATED
53 SOUTH JEFFERSON ROAD
WHIPPANY, NEW JERSEY 07981

JUNE 5, 1992

AEU001083

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LISTS OF TABLES AND FIGURES

RCRA FACILITY INFORMATION

Shulton operates a RCRA hazardous waste storage facility at 697 Route 46, Clifton, Passaic County, New Jersey (see Figure 1). Hazardous wastes were stored on-site for a period in excess of 90 days pursuant to N.J.A.C. 7:26-9.1 et seq.

The Environmental Protection Agency (EPA) RCRA Identification Number for this facility is NJD 002190304. Waste storage practices, pursuant to RCRA requirements for a storage facility, commenced on November 20, 1980 and consisted of four (4) storage areas. Hazardous wastes were stored only in 55 gallon drums in these four storage areas.

Three storage areas: B-3 Basement, B-3 Rooftop, and B-7A are indoor storage areas located in Buildings 3 and 7A. The fourth storage area, B-16, is an outside storage pad adjacent to Building 16. The four storage pads are identified in Figure 2 and are described in Table A.

The facility contact person for this work is Jack Titmas, who can be reached at (201) 340-5552.

SITE HISTORY

Shulton commenced operations at the Clifton plant site in 1946. Shulton manufactured only toiletries at this location. The entire Clifton plant occupies a 42 acre area. Eighteen buildings are on-site and housed manufacturing, research and development, and computer and office operations. Hazardous waste storage practices, pursuant to RCRA requirements, commenced on November 20, 1980 at the four storage pads.

Hazardous wastes were generated at various locations throughout the

site. These wastes were collected from satellite locations, combined into 55 gallon drums, and placed into storage at one of the storage areas. Hazardous materials used in Shulton's operations and non-hazardous wastes have, in the past, been stored in these locations, provided that no chemical or physical incompatibilities existed which required separate storage and/or handling requirements. The EPA hazardous waste types historically stored in these four storage areas are listed in Table B.

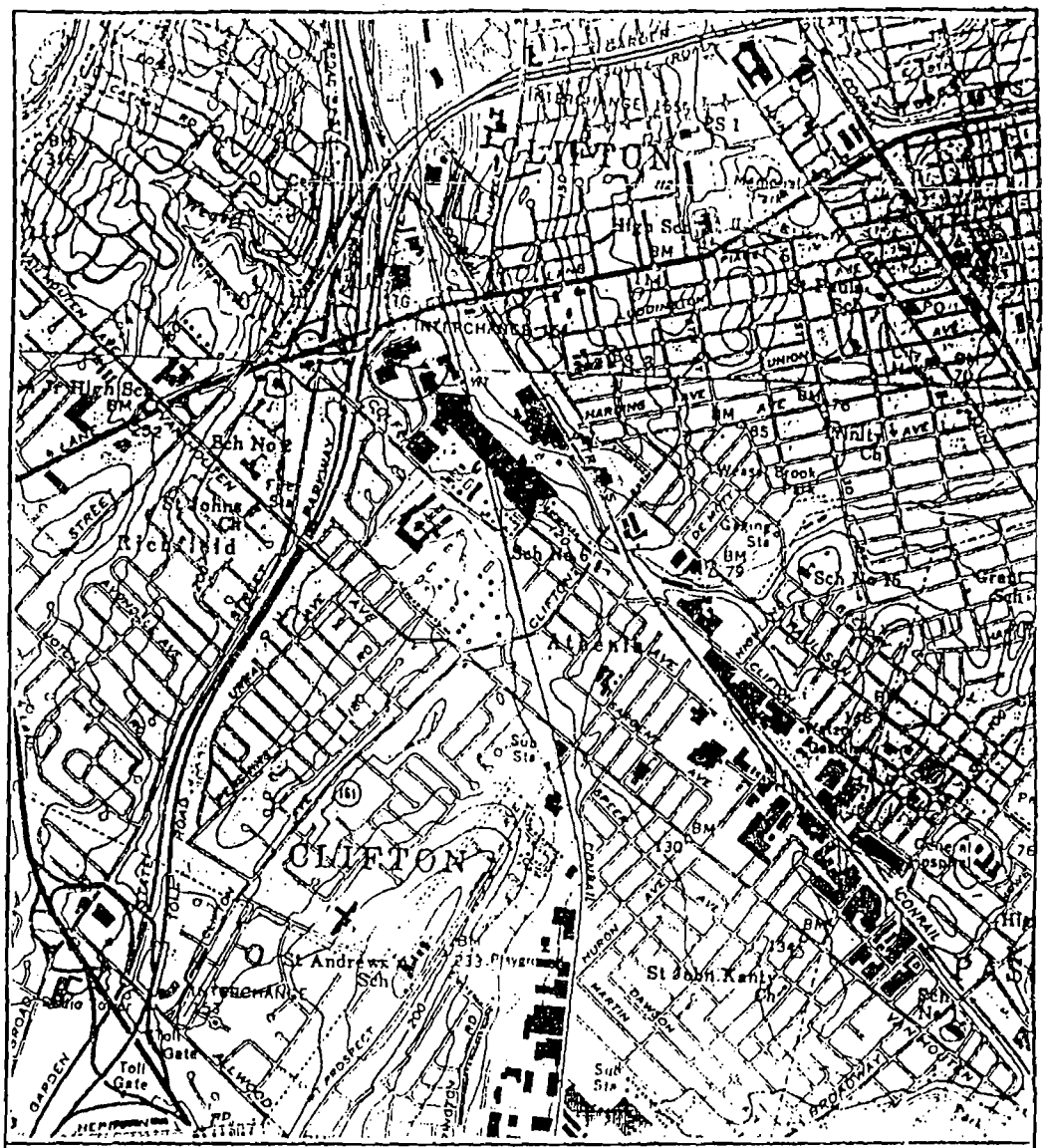
As per the Department of Environmental Protection and Energy (Department) March 5, 1990 letter, the four storage pads were decontaminated according to the Approved Closure Plan. For storage areas B-7A and B-16, the pads were scraped and steam cleaned. For storage pads B-3 Basement and B-3 Rooftop, the pads were cleaned with a detergent wash. All four storage areas were then rinsed three times with rinse water. Samples of the final rinsate and wash water blank were then collected and analyzed according to the March 5, 1990 letter. These analyses were submitted to the Department in August of 1990.

In a July 19, 1991 letter from the Department to Shulton, the Bureau of Hazardous Waste Engineering delisted two drum storage pads, B-3 Basement and B-3 Rooftop. A partial delisting of drum storage pads B-7A and B-16 was also obtained with respect to the decontamination of the pads. However, complete delisting of these two storage pads, B-7A and B-16, could take place only after all soil sampling was completed.

A December 18, 1991 letter from the Department to Shulton required a revised SSAP be submitted and that all soil sampling around pads B-7A and B-16 be redone.

A revised Soil Sampling and Analytical Plan was submitted to the Department on January 17, 1992. The plan was approved by the

Department on February 28, 1992. Soil sampling following procedures outline in the Approved Plan was conducted on March 13, 1992. This site investigation report presents and discusses the information requested in the sampling plan.



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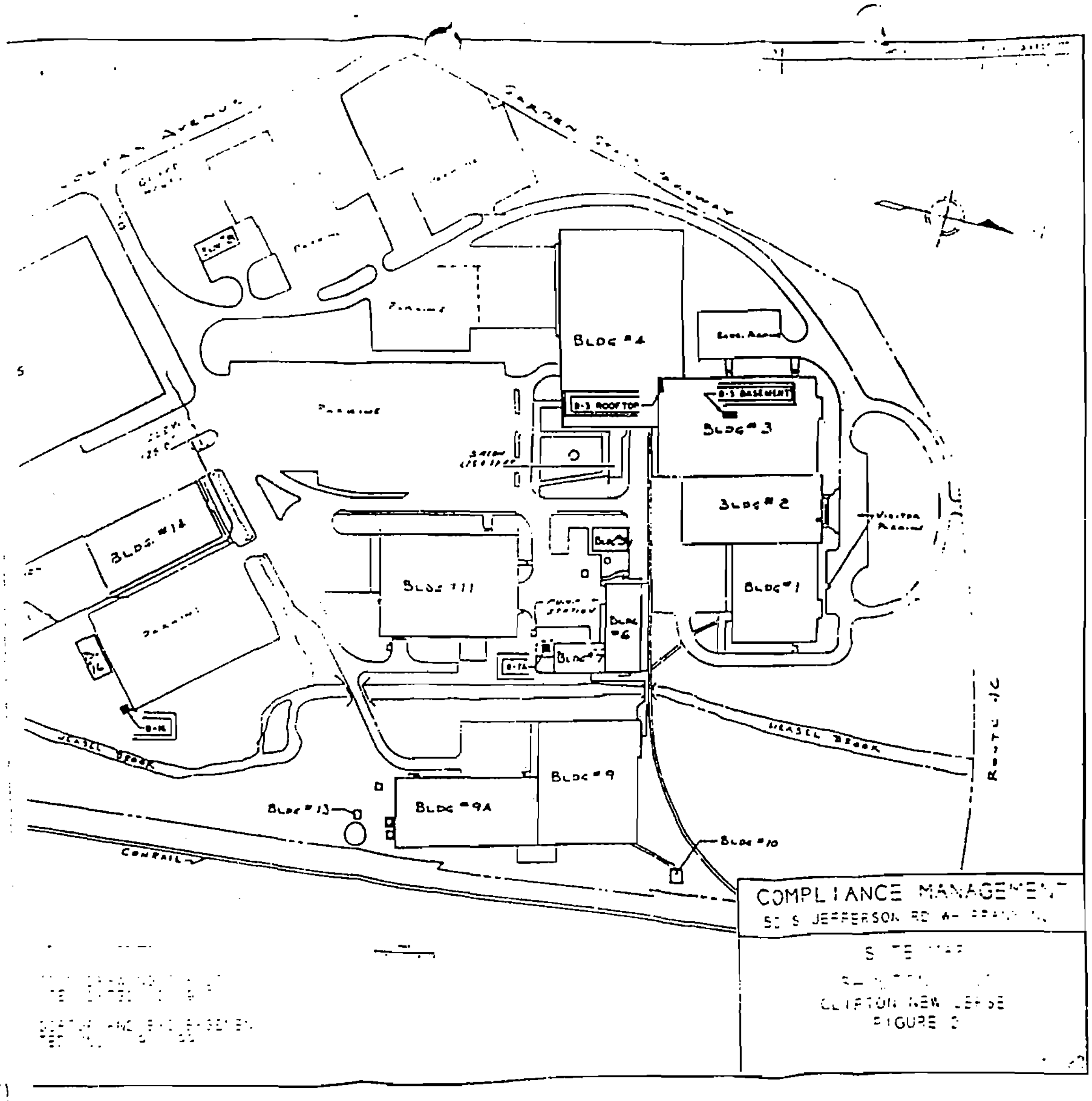
BLDG #4
B-3 ROOF TOP
B-3 BASEMENT
BLDG #3
BLDG #2
BLDG #1
BLDG #11
BLDG #6
BLDG #7
BLDG #9
BLDG #9A
BLDG #13
BLDG #10
COMPLIANCE MANAGEMENT
CLIFTON NEW JERSEY
FIGURE 2

AEU001090

TABLE A

DESCRIPTION WASTE
STORAGE AREAS

Storage Area Designation	Description	Total Area (sq. ft.)
B-3 Basement	7 foot by 15 foot indoor storage area in the basement portion of Building B-3. The floor of this area is a concrete slab, 8 inches thick Delisted July 19, 1991 DEPE Letter	105
B-3 Rooftop	5 foot by 18 foot enclosed metal storage shed supported on the roof of Building B-3. This portion of the roof is comprised of an 8 inch thick concrete slab Delisted July 19, 1991 DEPE Letter	90
B-7A	11 foot by 12 foot indoor storage area located in a veranda attached to Building 7A. The floor of this veranda is 5 inches thick. Partially delisted with respect to the decontamination of the storage pad, July 19, 1991 DEPE Letter	132
B-16	14 foot by 14 foot outdoor storage area located off the parking lot for Building 16. This storage area is comprised of a 4 inch thick slab on earth Partially delisted with respect to the decontamination of the storage pad, July 19, 1991 DEPE Letter	196

TABLE B

HISTORIC HAZARDOUS
WASTE GENERATION

EPA Hazardous Waste Identification Number	Estimated Generation Rate (lbs/year)
U118 - Ethylmethacrylate	<2
U122 - Formaldehyde	10
U123 - Formic Acid	<2
U125 - 2-Funancarboxaldehyde	<2
U132 - Hexachlorophene	<2
U133 - Hydrazine	<2
U138 - Iodomethane	<2
U140 - Isobutyl Alcohol	<2
U144 - Lead Acetate	<2
U145 - Lead Phosphate	<2
U146 - Lead Subacetate	<2
U147 - Maleic Anhydride	<2
U151 - Mercury	1
U154 - Methanol	50
U159 - Methyl Ethyl Ketone	10
U162 - Methyl Methacrylate	<2
U165 - Naphthalene	<2
U169 - Nitrobenzene	10
U188 - Phenol	<2
U196 - Pyridine	<2
U220 - Toluene	50
X725 - Oil Spill residue	4,900
X726 - Waste Oil	3,200

TABLE B continued

Historic Hazardous
Waste Generation

EPA Hazardous Waste Identification Number	Estimated Generation Rate (lbs/year)
D001 - Ignitable	12,628
D002 - Corrosivity	3,225
D006 - EP Toxicity - Cd	50
D011 - EP Toxicity - Ag	50
P012 - As(III) Oxide	<2
P018 - Brucine	<2
P022 - Carbon Bisulfide	<2
P030 - Cyanides	<2
P048 - 2, 4-Dinitrophenol	<2
P092 - Phenylmercuric Acetate	<2
P098 - Potassium Cyanide	<2
P106 - Sodium Cyanide	<2
U001 - Acetaldehyde	<2
U002 - Acetone	<50
U003 - Acetonitrile	<5
U044 - Trichloromethane	<2
U080 - Dichloromethane	5
U107 - Di-n-octyl Phthalate	<2
U108 - 1, 4-Dioxane	<2
U109 - 1, 2-Diphenylhydrazine	<2
U112 - Ethyl Acetate	<5
U113 - Ethyl Acrylate	<2
U115 - Ethyl Oxide	<2
U117 - Ethyl Ether	5

SOIL SAMPLING/ANALYTICAL PLAN

On March 13, 1992 soil sampling was conducted to ascertain either the absence or presence of contaminants in soil surrounding the drum storage pads B-16 and B-7A. Figures 3 and 4 show the locations of the drum storage areas B-16 and B-7A and the soil sample locations.

The following analytical plan was followed during the March 13, 1992 sampling event.

Soil Samples	Analyses
6 soil samples	TCL volatile organics + 10 TCL base/neutrals + 10 TCL acid extractables + 10 Polychlorinated biphenyls Total petroleum hydrocarbons TAL lead, mercury & cyanide pH
1 soil sample duplicate	TCL volatile organics + 10 TCL base/neutrals + 10 TCL acid extractables + 10 Polychlorinated biphenyls Total petroleum hydrocarbons TAL lead, mercury & cyanide pH
1 soil background sample	TCL volatile organics + 10 TCL base/neutrals + 10 TCL acid extractables + 10 Polychlorinated biphenyls Total petroleum hydrocarbons TAL lead, mercury & cyanide pH
1 field blank	TCL volatile organics + 10 TCL base/neutrals + 10 TCL acid extractables + 10 Polychlorinated biphenyls Total petroleum hydrocarbons TAL lead, mercury & cyanide pH

FIGURE 3

The samples were transported to Laboratory Resources, Intech Biolabs Division, for analysis. All samples were analyzed pursuant to USEPA SW-846 Methodology, "Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods," Third Edition. Table C lists the analytical methods used for each parameter tested and for each matrix sampled. Laboratory Resources reported data results according to the Regulatory Deliverable format as outlined in the "Guidelines for Preparation of RCRA Soil Sampling and Analytical Plans."

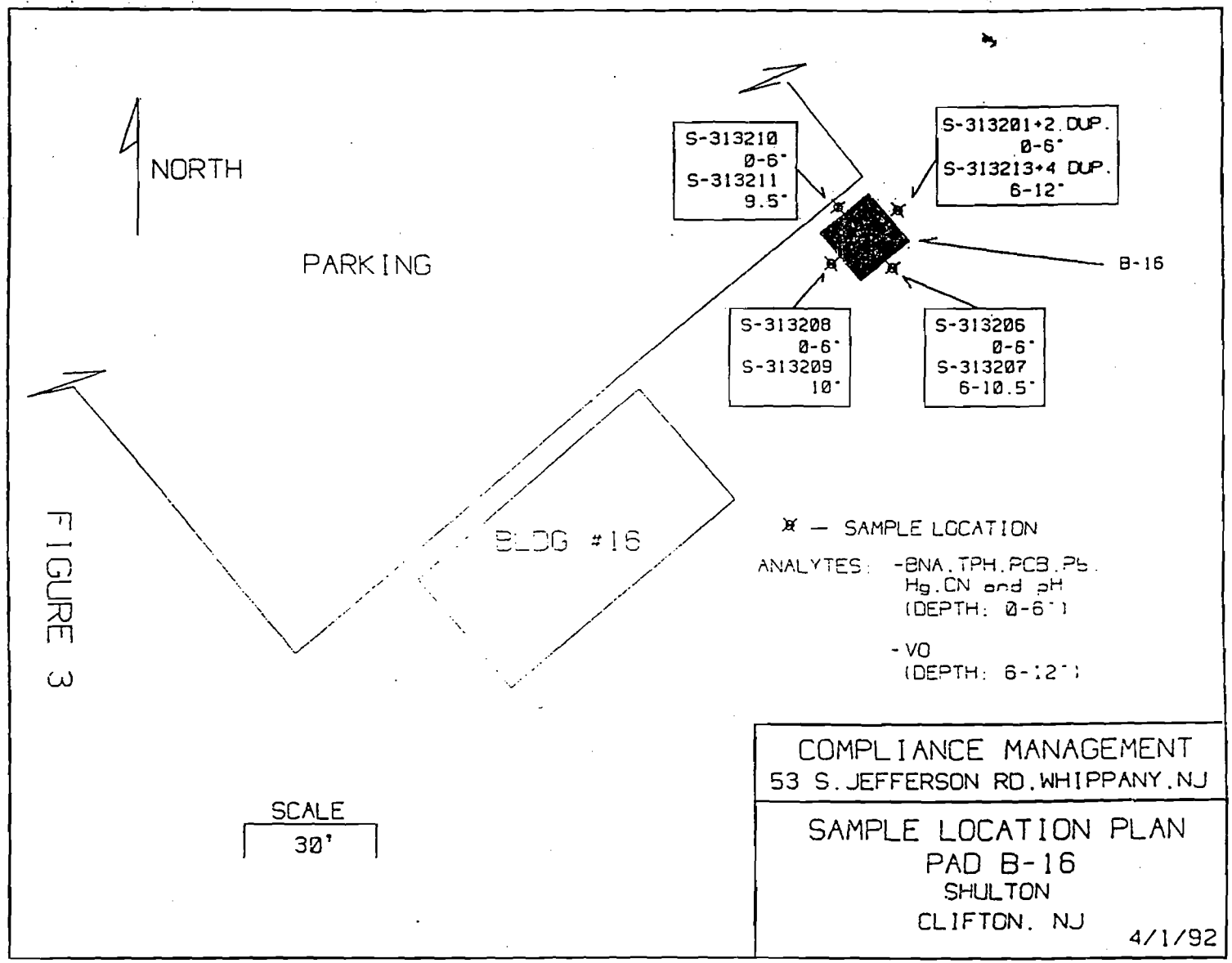

FIGURE 3

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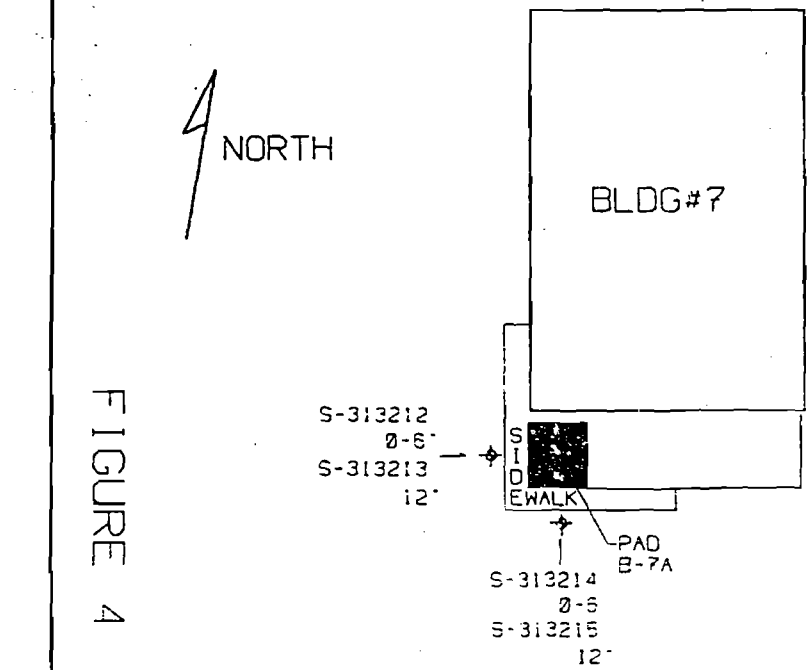
FIGURE 4



* — SAMPLE LOCATION

ANALYTES: -BNA, TPH, PCB, Pb, Hg, CN and pH (DEPTH: 0-6')

-VO (DEPTH: 6-12')

NOTE SAMPLES TAKEN FROM THE FRONT OF BLDG. #1	
SAMPLE #	DEPTH
S-313216	0-6'
S-313217	12'

COMPLIANCE MANAGEMENT
53 S. JEFFERSON RD. WHIPPANY, NJ

SAMPLE LOCATION PLAN
PAD B-7A
SHULTON
CLIFTON, NJ
4/1/92

AEU001097

TABLE C

ANALYTICAL PLAN SUMMARY

Soil

Parameter	Analytical Method	Number of Samples
TCL Volatiles	EPA Method 8240	8
TCL Acid Extractables	EPA Method 8270	8
Total Petroleum Hydrocarbons	EPA Method 418.1 as modified by NJDEP	8
TCL Base Neutrals	EPA Method 8270	8
Polychlorinated Biphenyls	EPA Method 8080	8
TAL Metals Pb	EPA Method 6010	8
TAL Metals Hg	EPA Method 7471	8
TAL Metals CN	EPA Method 9010	8
pH	EPA Method 9045	8

Field Blank

Parameter	Analytical Method	Number of Samples
TCL Volatiles	EPA Method 8240	1
TCL Acid Extractables	EPA Method 8270	1
Total Petroleum Hydrocarbons	EPA Method 418.1 as modified by NJDEP	1
TCL Base Neutrals	EPA Method 8270	1
Polychlorinated Biphenyls	EPA Method 8080	1
TAL Metals Pb	EPA Method 6010	1
TAL Metals Hg	EPA Method 7471	1
TAL Metals CN	EPA Method 9010	1
pH	EPA Method 9045	1

ANALYTICAL RESULTS

Analytical results summaries for the various parameters appear in Tables D through I.

STORAGE PAD B-16

Soil samples were taken from the four exposed sides of storage pad B-16 (Figure 3). Each of the four sampling locations were sampled twice. The first sample at each location was taken at a depth of 0-6" and the second between 6-12". The 0-6" soil samples were analyzed for TCL semivolatile organic compounds (TCL base/neutral compounds + 10 and TCL acid extractable compounds + 10), polychlorinated biphenyls, total petroleum hydrocarbons, TAL lead and mercury, total cyanide and pH. The 6-12" soil samples were analyzed for TCL volatile organic compounds + 10.

Four samples were taken from the east side of storage pad B-16 (Figure 3). Soil sample S-313201 and a duplicate sample S-313202 were sampled at a depth of 0-6". Soil sample S-313203 and duplicate sample S-313204 were sampled at a depth of 6-12".

The TCL volatile organic compounds methylene chloride and acetone were detected in samples S-313203 and S-313204. Methylene chloride was detected in S-313203, the duplicate S-313204 and in the method blank. The levels detected were 0.011 parts per million (ppm) in S-313203 and 0.009 ppm in S-313204. Acetone was detected below the method detection limit at a concentration of 0.003 ppm in sample S-313203. Xylenes were also detected in sample S-313203 at 0.050 ppm. Nine volatile organic tentatively identified compounds, including eight unknowns and octahydro-4, 7-methano-1H-indene was detected in sample S-313203 at a total estimated concentration of 0.719 ppm. Three unknowns and one unknown alkane at a total

estimated concentration of 0.191 ppm were the volatile organic tentatively identified compounds detected in S-313204.

Low levels of semivolatile organic compounds were detected in S-313201 and the duplicate S-313202. All compounds were detected below their individual method detection limit. Benzoic acid; phenanthrene; fluoranthene; pyrene; benzo(a)anthracene; chrysene; benzo(b)fluoranthene; benzo(k)fluoranthene and benzo(a)pyrene were detected in both S-313201 and S-313202. In addition to those compounds, dimethylphthalate was detected in S-313202. The total semivolatile concentration detected in S-313201 was 1.625 ppm and 1.224 ppm in S-3132021. Five semivolatile tentatively identified compounds, including: two unknowns; dodecanamide; N, N-bis (2-hydroxyethyl); hexadecanoic acid and tetradecanoic acid, at a total estimated concentration of 3.740 ppm were detected in sample S-313201. Three unknowns; dodecanamide; N, N-bis (2-hydroxyethyl); hexadecanoic acid and octadecanoic acid at a total estimated concentration of 2.560 ppm were the semivolatile tentatively identified compounds detected in S-313202.

No polychlorinated biphenyls were detected in either sample S-313201 or S-313202. Detected in sample S-313201 was 340 ppm total petroleum hydrocarbons. Sample S-313202 contained 350 ppm total petroleum hydrocarbons.

Lead was detected at 23.4 ppm in S-313201 and at 25.2 ppm in S-313202.

Neither mercury nor total cyanide were detected in these samples.

The pH of S-313201 was 8.52 and was 7.60 in S-313202.

Two samples, S-313206 and S-313207, were taken from the south side of storage pad B-16 (Figure 3). Sample S-313206 was sampled at a

depth of 0-6" and sample S-313207 at 6-10.0".

Volatile organic compounds methylene chloride at a concentration of 0.003 ppm and acetone at 0.006 ppm were detected in sample S-313207. Both compounds were detected below their method detection limits. Methylene chloride was also detected in the method blank. No volatile organic tentatively identified compounds were detected in S-313207.

Eight semivolatile compounds at a total concentration of 0.888 ppm were detected in S-313207. Each compound was detected below their individual method detection limit. The compounds detected were phenanthrne; fluoranthene; pyrene; benzo(a)anthracene; chrysene; bis (2-ethylhexyl) phthalate; benzo(b)fluoranthene and benzo (k)fluoranthene. Eight semivolatile tentatively identified compounds, including five unknowns; octamethyl-cyclotetrasilozane; decamethyl-cyclopentasiloxane and 1, 13-tetradecadiene, at a total estimated concentration of 11.050 ppm were detected in this sample.

Total petroleum hydrocarbons were detected at 1,300 ppm.

Lead was detected at a concentration of 29.9 ppm in S-313206.

No PCB's, mercury nor total cyanide were detected in this sample.

The pH of S-313206 was 8.36.

Two samples were taken from the west side of storage pad B-16 (Figure 3). Soil sample S-313208 was sampled at a depth of 0-6", while S-313209 was sampled at a depth of 10".

Methylene chloride, which was also detected in the blank, and acetone were detected in S-313209. The concentrations detected were 0.008 ppm methylene chloride and 0.009 ppm acetone. The

acetone level detected was below the method detection limit. No volatile organic tentatively identified compounds were detected in this sample.

Fluoranthene; pyrene and bis (2-ethylhexyl) phthalate, each below their method detection limit, were detected in S-313208. The total semivolatile organic compound concentration detected was 0.148 ppm. Two unknown alkanes and one unknown, at total estimated concentration of 1.250 ppm, were the semivolatile tentatively identified compounds detected in S-313208.

The PCB Aroclor 1254 was detected at 0.038 ppm in S-313208.

Total petroleum hydrocarbons were detected at 700 ppm.

Lead was detected at 170 ppm.

No mercury nor total cyanide were detected in S-313208.

The pH of S-313208 was 8.84.

Two samples were taken from the north side of storage B-16. Soil sample S-313210 was sampled from a depth of 0-6" while S-313211 at a depth of 9.5".

Methylene chloride at 0.007 ppm and acetone at 0.018 ppm were detected in S-313211. Methylene chloride was also detected in the method blank. No volatile organic tentatively identified compounds were detected in S-313211.

Thirteen semivolatile organic compounds at a total concentration of 10.67 ppm was detected in S-313210. The individual compounds, each detected below their method detection limit, were fluorene; diethyl phthalate; phenanthrene; anthracene; fluoranthene; pyrene;

benzo(a)anthracene; chrysene; bis (2-ethylhexyl) phthalate; benzo(b)fluoranthene; benzo(K)fluoranthene; benzo(a)pyrene and indeno (1,23-cd) pyrene. Six unknowns; hexadecanoic acid and phenol dimethyl phosphate at a total estimated concentration of 12.22 ppm were the semivolatile tentatively identified compounds detected in S-313210.

The PCB Aroclor 1254 was detected in S-313210 at 0.130 ppm.

The total petroleum hydrocarbons were detected at 2,400 ppm.

Lead was detected at 120 ppm.

No mercury nor total cyanide were detected in S-313210.

The pH of S-313210 was 8.60.

STORAGE PAD B-7

Soil samples were taken from two side of storage pad B-7A (Figure 4). Storage pad B-7A abuts Building 7 on the north and east sides with no soil available for sampling. The B-7A samples were taken from soil located adjacent to the sidewalk which surrounds storage pad B-7A on the remaining two sides. Each of the two sampling location were sampled at two depths using the same method described for Storage pad B-16.

Two samples, S-313212 and S-313213, were taken from the west side of storage pad 7a. Soil sample S-313212 was sampled at a depth of 0-6". Soil sample S-313213 was sampled at a depth of 12".

Methylene chloride was the only volatile organic compound detected

at a concentration of 0.007 ppm. Methylene chloride was also detected in the method blank. No volatile organic tentatively identified compounds were detected in this sample.

Twelve semivolatile compounds at a total concentration of 3.62 ppm were detected in sample S-313212. Fluoranthene at 0.480 ppm and bis(2-ethylhexyl)phthalate at 1.000 ppm were detected above their method detection limit. Phenanthrene; anthracene; pyrene; butylbenzyl phthalate; benzo(a)anthracene; chrysene; benzo(b)fluoranthene; benzo(k)fluoranthene; benzo(a)pyrene; indeno(1,2,3-cd) pyrene and benzo (g,h,i) perylene were detected below their individual detection limit.

at a concentration of 0.007 ppm. Methylene chloride was also detected in the method blank. No volatile organic tentatively identified compounds were detected in this sample.

Twelve semivolatile compounds at a total concentration of 3.62 ppm were detected in sample S-313212. Fluoranthene at 0.480 ppm and bis(2-ethylhexyl)phthalate at 1.000 ppm were detected above their method detection limit. Phenanthrene; anthracene; pyrene; butylbenzyl phthalate; benzo(a)anthracene; chrysene; benzo(b)fluoranthene; benzo(k)fluoranthene; benzo(a)pyrene; indeno(1,2,3-cd) pyrene and benzo (g,h,i) perylene were detected below their individual detection limit.

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Detected in Sample S-313213 was 0.053 ppm of the PCB Aroclor 1254.

Total petroleum hydrocarbons at 290 ppm were detected in this sample.

Lead was detected at 95.9 ppm in S-313213.

No mercury nor total cyanide was detected.

The pH of S-313213 was 7.94.

Samples S-313214 and S-313215 were taken from the south side of storage pad B-7A. Soil sample S-313214 was sampled at a depth of 0-6" and S-313215 at 12".

Methylene chloride was detected in sample S-313215 below the method detection limit at 0.004 ppm. Methylene chloride was also detected in the method blank. The volatile organic compound acetone was detected at 0.012 ppm. One unknown tentatively identified compound was detected at an estimated concentration of 0.006 ppm.

Bis(2-ethylhexyl)phthalate at 0.510 ppm was detected in sample S-313214. Eleven other semivolatile compounds were detected below their individual method detection limits. The eleven compounds were phenanthrene; fluoranthene; pyrene; butylbenzyl phthalate; benzo(a)anthracene; chrysene; benzo(b)fluoranthene; benzo(k)fluoranthene; benzo(a)pyrene; indeno (1,2,3-cd) pyrene and benzo (g,h,i) perylene. The total semivolatile compounds concentration detected in S-31214 was 1.73 ppm. Detected in this sample was the semivolatile tentatively identified compound cyclohexanone at an estimated concentration of 0.160 ppm.

Total petroleum hydrocarbons at 43 ppm were detected in S-313214.

Lead was detected at 49 ppm.

No mercury, PCB's nor total cyanide were detected.

The pH of the sample was 7.71.

Two background samples S-313216 and S-313217, were sampled from one location in front of Building 11. Sample S-313216 was taken at a depth of 0-6" and S-313217 at 12".

Methylene chloride and acetone were the volatile organic compounds detected in S-313217. Acetone was detected below the method detection limit. Methylene chloride, which was also detected in the method blank, was detected at 0.007 ppm.

Five semivolatile compounds, each below their individual method detection limit, were detected in sample S-313216 at a total concentration of 0.344 ppm. The five compounds were, phenanthrene; fluoranthene; pyrene; chrysene and bis(2-ethylhexyl) phthalate. Seventeen tentatively identified compounds, including 6, 10, 14-trimethyl 2-pentadecanone; 14 unknowns; an aromatic hydrocarbon and an unknown alkane, were detected at a total estimated concentration of 6.92 ppm.

Total petroleum hydrocarbons were detected at 170 ppm in this sample.

Lead was detected at 17.1 ppm.

No mercury, PCB's nor total cyanide was detected.

The pH of S-313216 was 8.16.

TECHNICAL OVERVIEW

As proposed in the approved January 17, 1992 sampling plan, soil was sampled from seven locations. Soil samples were taken from the soil surrounding each of the four exposed sides of storage pad B-16 and from the two exposed side of storage pad B-7A. The north and east sides of storage pad B-7A abut the exterior walls of Building 7a with no exposed soil available for sampling. The sample locations were based on field observations in areas where contamination was suspected. Two discrete soil samples were taken from each sampling location. The first sample, which was analyzed for TCL semivolatile organic compounds (TCL base/neutrals + 10, TCL acid extractables + 10), PCB's, total petroleum hydrocarbons, TAL lead, mercury and cyanide and pH, was sampled from a depth of zero to six inches. The second sample which was analyzed for volatile organic compounds was sampled from a depth of six to twelve inches. Duplicate samples were taken from the east side of storage pad B-16 and were analyzed for the same parameter as the samples. In addition, background samples from a non-use area were taken in front of Building 11. The same sampling procedures were followed and the same analyses performed for the background samples as the other samples.

One field blank was taken during this sampling event. The field blank was obtained using two sets of identical bottles, one set filled with laboratory demonstrated analyte free water, the other set empty. The water was passed from the set of full bottles through and over the dedicated sampling device into the set of empty bottles. The field blanks were taken in an area of storage pad B-16 which was suspected to be contaminated. The field blank was analyzed for the same parameters as the samples.

The actual site conditions encountered on the day of the sampling

did not differ from the expected. No modifications to the sampling plan were made during the sampling event. There were no significant events or seasonal variations which occurred that may have influenced the sampling procedures or analytical results. During the sampling, a field log book was maintained which contained sufficient information to reconstruct the sampling episode. Chain of custody procedures, as outlined in the sampling plan, were followed.

All parameters, excluding cyanide, were analyzed within sample holding times. The sampling holding time for cyanide was exceeded by five days. The cyanide results should be considered quantitatively qualified because the holding time prior to analysis was greater than the required holding time but less than 10 days greater.

As reported in the laboratory report, the required precision and accuracy criteria for the requested analytical methods were in conformance with some exceptions. Methylene chloride was detected above the quantitation limit in the method blank during the volatile organic compounds analysis. Also detected above the quantitation limit in one of the volatile organic method blanks were acetone and 2-butanone. The methylene chloride and acetone values reported for the samples were less than three time the value in the method blank. The reported sample values may, therefore, be due to probable foreign contamination unrelated to the actual sample.

The semivolatile compounds and total petroleum hydrocarbons quantitation limits for sample S-313210 were elevated due to the presence of high concentrations of contaminates. Due to the high contaminate concentrations the method detection limit calculated by the laboratory for benzo(a)pyrene exceeds the proposed cleanup standard.

The general range of volatile concentrations detected in the site samples were low (<0.07 ppm). As stated previously, the methylene chloride and acetone detected in the samples were probably due to foreign contamination unrelated to the actual sample.

The total semivolatile concentration in the samples range from a high of 10.67 ppm in S-313210 to a low of 0.148 ppm in S-313208.

Polychlorinated biphenyls were detected below 0.5 ppm in samples S-313208, S-313210 and S-313212. No PCB's were detected in the remaining samples.

Sample concentrations of total petroleum hydrocarbons range from 43 ppm in S-313214 to 2,400 ppm in S-313210.

Lead was detected in all the samples at 170 ppm and below.

The pH range was slightly basic from 7.60 to 8.84.

Mercury and cyanide were not detected in the samples.

FINDINGS AND RECOMMENDATIONS

Contaminants detected on site were compared to the proposed clean-up standard for non-residential surface soil. The use of the non-residential surface soil standard is appropriate because the site is located in a highly industrialized area and all samples were taken within the top foot of soil.

All the contaminants detected in the area of storage pad B-16 fall below the proposed non-residential surface soil clean-up standards. In addition, the levels detected in this area compare to levels detected in the non-use area. This indicates that no degradation

of the environment, compared to the background, has occurred. Specifically, the total organic contaminants, including total petroleum hydrocarbons are less the 10,000 ppm. For those parameters where there are proposed standards, the individual organic contaminants were detected below the appropriate standard. Specifically, the PCBs detected in this area were 0.038 ppm in S-313208 and 0.130 ppm in S-313210, well below the proposed standard of 2 ppm. The lead levels detected in the storage pad 16 samples were 25.2 ppm (S-313201), 23.4 ppm (S-303202), 29.9 ppm (S-303206), 170 ppm (S-303208) and 120 ppm (S-303210). The proposed lead standard for non-residential surface soil is 600 ppm. The storage pad B-16 sample with the highest total contamination was S-313210. This sample was taken from a low area near the parking lot. Based on field observations run off from the parking lot could accumulate in this area, possibly causing the elevated contamination detected in this sample.

All contaminants detected in storage pad B-7A samples fall below the proposed non-residential surface soil standards. The highest total organic contaminant concentration was detected in S-313212 at 294.4 ppm which is well below the 10,000 ppm total organic contaminants standard. Sample S-313212 contained 0.053 ppm PCB's, again below the 2 ppm proposed PCB standard. Lead levels detected in the storage pad B-7A samples were 95.9 ppm and 49 ppm which were slightly higher than that detected in the background sample but below the proposed standard level of 600 ppm. The pH of these samples were slightly basic, 7.94 and 7.71. No mercury nor cyanide were detected in the storage pad B-7A samples.

Volatile and semivolatile tentatively identified compounds were detected in most of the samples. Storage pad B-16 sample S-313203 and its duplicate sample S-313204 contained 0.719 ppm and 0.191 ppm volatile organic tentatively identified compounds. Octahydro 4,7-Methano-1H indene; unknown alkane and unknowns were the compounds

tentatively identified in these two samples. No tentatively identified compounds were detected in the remaining storage pad B-16 samples. Sample S-313215 taken from storage pad B-7A contained 0.006 ppm of an unknown tentatively identified compound.

All the storage pad B-16 samples contained semivolatile tentatively identified compounds. The concentrations detected in descending order are 12.22 ppm in S-313210, 11.05 ppm S-313206, 3.74 ppm in S-313201, 2.560 ppm in duplicate S-313202 and 1.25 ppm in S-313208. The compounds detected were unknowns; decanoic acids; n, n-bis (2-hydroxyethyl) dodecanamide; octamethyl-cyclotetrasilozane; decamethyl-cyclopentasiloxane; 1, 13-tetradecadiene and phenol dimethyl phosphate.

Both storage pad B-7A samples contained semivolatile tentatively identified compounds. Sample S-313212 contained 0.760 ppm and S-313214 contained 0.160 ppm semivolatile tentatively identified compounds. The compounds detected were oxadiazon, aromatic hydrocarbons and cyclohexanone.

Semivolatile tentatively identified compounds were also detected in the background sample at a concentration of 6.920 ppm. The compounds tentatively identified were primarily unknowns, an aromatic hydrocarbon and 6, 10, 14-trimethyl-2-pentadecanone.

The information generated by the library search of the volatile and semivolatile tentatively identified compounds indicate no significant contamination due to the activities at the storage pads had occurred. The compounds detected in the library search were not among the hazardous waste compounds historically used on site. The concentration range detected in both storage pad areas compare to that detected in the background sample.

The cyanide results were quantitively qualified because the samples

analyzed for cyanide were out of holding time. The proposed non-residential surface soil cleanup standard for cyanide is 5,200 ppm. The compound cyanide is believed to be fairly stable and is not known to be transformed by soil bacteria. By keeping the samples refrigerated, the cyanide should remain stable passed the holding time of twelve days. It is unlikely that cyanide levels greater than the proposed standard would degrade to non-detected above quantitation limits within 17 days of sampling. Although the cyanide results are quantitively qualified the results are a reliable indication that any cyanide present in the samples would be below the proposed standard.

Given the sample results, the reliability of the sampling and laboratory analyses, no further action for the site is recommended. The Shulton facility should be permitted to reclassify from its present status as a RCRA storage facility to that of a generator of hazardous waste.

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State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

COMMUNITY RIGHT TO KNOW SURVEY FOR 1991

PART 1

to satisfy requirements under SARA, Title III, Section 312
and New Jersey Community Right to Know

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AMERICAN CYANAMID CO (CLIFTON FAC.)

ATTN: JOHN TITMAS, PLANT ENG.
697 ROUTE 46, P O BOX 1809
CLIFTON, NJ 07015

Indicate changes to mailing address on the mailing label.

(A) FACILITY LOCATION

If the facility location is different than the address on the facility identification label on Part 2 or is not shown, enter the correct facility address below and correct the facility identification label.

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(B) Does this facility use, store or produce any compressed gases, or any flammable, combustible, reactive, corrosive or toxic substances?

(See Reportable Substances and Thresholds) [X] Yes [ ] No

(C) Briefly describe the nature of the operations or business conducted by your company at this facility:

Manufacture of Toiletries & Plastic Packaging. Executive offices

(D) Number of employees at facility: 240

(E) *Number of facilities in New Jersey* 10

(F) *Dun and Bradstreet No.* 14978 4605

(G) Check the box if you have a R&D laboratory exemption or if you have attached a R&D exemption application. [ ]

(H) CERTIFICATION OF OWNER/OPERATOR OR AUTHORIZED REPRESENTATIVE — I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Signature John E. Titmas Date 2/15/92 Fax # (201) 340-6370
Name (Type) John E. Titmas Title Plant Engineer Phone # (201) 340-5552

(I) POLICE AND FIRE DEPARTMENT — Enter the respective phone numbers, names and addresses (including Zip Code) of your local police and fire departments in the spaces below.

POLICE DEPT. Phone Number (201) 470-5900
Name F. J. Logoico
Address 900 Clifton Avenue
Municipality Clifton, N.J. Zip 07015

FIRE DEPT. Phone Number (201) 470-5801
Name W. Degrott
Address 900 Clifton Avenue
Municipality Clifton, N. J. Zip 07015

(J) FACILITY EMERGENCY CONTACT
Name John Titmas Title Plant Engineer
Facility Phone Number (201) 340-6000 Emergency Contact Phone Number (201) 340-5552

NOTE: Make copies of this survey! The law requires that you send a copy to your COUNTY LEAD AGENCY, LOCAL EMERGENCY PLANNING COMMITTEE AND YOUR LOCAL POLICE AND FIRE DEPARTMENTS.
(County agency and local committee addresses in Instructions)

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AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

IMPORTANT!
Read all instructions before completing.
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Reporting Period: January 1 - December 31, 1991

Substance / CAS No. / Substance No. / Percent / State / Trade Secret	(Codes for all that apply.)	(Enter Code) Max. Daily / Avg. Daily / Days Onsite (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container / Conditions / Location(s)
Substance Xylene (in paint) CAS No. 1330 - 20 - 7 DOT No. 1307 Substance No. (if available) 2014 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 46 Conditions 01, 04 Location(s) B-1 Maint
Substance Fuel Oil CAS No. ___ - ___ - ___ DOT No. ___ Substance No. (if available) 2444 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 66, ___, ___, ___	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 49 Conditions 01, 04 Location(s) B-5 Boiler
Substance Ethyl Alcohol CAS No. 64 - 17 - 5 DOT No. 1170 Substance No. (if available) 0844 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 310 (Actual Number)	Container 46 Conditions 01, 04 Location(s) Outside B-6
Substance Bromine Sulfate CAS No. 4845 - 99 - 2 DOT No. 1992 Substance No. (if available) ___ Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 68, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 50 Conditions 01, 04 Location(s) B-9 Processing
Substance Methanol CAS No. 07 - 56 - 1 DOT No. 1952 Substance No. (if available) 0707 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, 70, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 46 Conditions 01, 04 Location(s) B-9 Processing
Substance Diethyl Phthelete CAS No. 84 - 66 - 2 DOT No. ___ Substance No. (if available) 0707 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 310 (Actual Number)	Container 46 Conditions 01, 04 Location(s) Outside B-6
Substance ___ CAS No. ___ - ___ - ___ DOT No. ___ Substance No. (if available) ___ Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily ___ Avg. Daily ___ Days Onsite ___ (Actual Number)	Container ___ Conditions ___, ___ Location(s) ___

See Instructions for codes.

AEU000036

TIERRA-D-026542

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697 ROUTE 46, CLIFTON

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Reporting Period: January 1 - December 31, 1991

Substance / CAS No. / Substance No. (if available) / Percent (Code) / State (Code) / Trade Secret (Check if claiming)	(Codes for all that apply.)	(Enter Code) Max. Daily / Avg. Daily / Days Onsite (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container / Conditions / Location(s)
Substance Chromium CAS No. 7440 - 47 - 3 DOT No. ____ Substance No. (if available) 0432 Percent 53 State S Trade Secret ☐	68 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365	Container 34 Conditions 01 , 04 Location(s) (constituet in piping) B-1 Maint.
Substance Nickle CAS No. 7740 - 02 - 0 DOT No. ____ Substance No. (if available) 1341 Percent 54 State S Trade Secret ☐	68 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365	Container 34 Conditions 01 , 04 Location(s) (consituient in piping) B-1 Maint.
Substance Copper CAS No. 7440 - 50 - 9 DOT No. ____ Substance No. (if available) 0528 Percent ____ State ____ Trade Secret ☐	68 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365	Container 34 Conditions 01 , 04 Location(s) (constituent in piping) B-1 Maint.
Substance Antimony CAS No. 7440 - 36 - 0 DOT No. ____ Substance No. (if available) ____ Percent 51 State S Trade Secret ☐	68 , ____ , ____ , ____ , ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365	Container 34 Conditions 01 , 04 Location(s) (constituent in piping) B-1 Maint.
Substance Lead CAS No. 7439 - 92 - 1 DOT No. ____ Substance No. (if available) 1096 Percent 51 State S Trade Secret ☐	68 , ____ , ____ , ____ , ____	Max. Daily 10 Avg. Daily 10 Days Onsite 365	Container 34 Conditions 01 , 04 Location(s) (consituent in piping) B-1 Maint.
Substance Latex Paint CAS No. ____ - ____ - ____ DOT No. 2810 Substance No. (if available) 2885 Percent 60 State L Trade Secret ☐	67 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365	Container 46 Conditions 01 , 04 Location(s) B-1 Maint.
Substance Toluene CAS No. 108 - 58 - 3 DOT No. ____ Substance No. (If available) 1866 Percent 53 State L Trade Secret ☐	70 , 67 , 66 , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 365	Container 46 Conditions 01 , 04 Location(s) B-1 Maint.

See Instructions for codes.

AEU000037

TIERRA-D-026543

10090 401010

AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

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Read all instructions before completing.
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Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Monoethanolamine CAS No. 141 - 43 - 5 DOT No. 2491 Substance No. (if available) 0835 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67 , ____ , ____ , ____ , ____	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01 , 04 Location(s) Boiler House Nalco 50635 1%
Substance Diethylaminoethanol CAS No. 100 - 37 - 8 DOT No. 2686 Substance No. (if available) 0691 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70 , 67 , ____ , ____ , ____	Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	Container 47 Conditions 01 , 04 Location(s) Boiler House Nalco 359 20-40%
Substance Sodium Metabisulfite CAS No. 7681 - 57 - 4 DOT No. 2693 Substance No. (if available) 1708 Percent 52 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 12 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43 Conditions 01 , 04 Location(s) Boiler House Nalco 2811 1-10%
Substance Sodium Hydroxide CAS No. 1310 - 73 - 2 DOT No. 1823+ Substance No. (if available) 1706 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68 , 67 , ____ , ____ , ____	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47/32 Conditions 01 , 04 Location(s) Boiler House Nalco 8735 20-40%
Substance Potassium Hydroxide CAS No. 1310 - 58 - 3 DOT No. 1813+ Substance No. (if available) 1571 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68 , 67 , ____ , ____ , ____	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47/32 Conditions 01 , 04 Location(s) Boiler House Nalco 8735 10-20%
Substance Sodium Bisulfate CAS No. 7681 - 38 - 1 DOT No. 1821+ Substance No. (if available) 1704 Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Boiler House for Trane Nalco 50125 100%
Substance Potassium Permanganate CAS No. 7722 - 64 - 7 DOT No. 1490 Substance No. (if available) 1578 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Boiler House for Trane Unit Nalco 50126 1%

See Instructions for codes.

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TIERRA-D-026544

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AMERIC CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

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Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Methylene bisthiocyanate CAS No. 6317-18-6 DOT No. — Substance No. (if available) — Percent 53 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67 , , , ,	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container — Conditions 01 , 04 Location(s) used in towers Nalco 2527
Substance Bis(tri-n-butylin) oxide CAS No. 56 - 35 - 9 DOT No. — Substance No. (if available) — Percent 52 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container — Conditions 01 , 04 Location(s) used in towers Nalco 2527
Substance Hydroxyethylidene diphosphonic acid CAS No. 2809 - 21 - 4 DOT No. — Substance No. (if available) — Percent 52 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , , , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 365 (Actual Number)	Container 43 Conditions 01 , 04 Location(s) used in towers Nalco 2805 Ball
Substance Sodium hydroxide CAS No. 1310 - 73 - 2 DOT No. 1823 Substance No. (if available) 1706 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , , , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 or 32 Conditions 01 , 04 Location(s) Trane room by steam turbine Nalco 8325 1-10%
Substance Sodium nitrate CAS No. 7632 - 00 - 0 DOT No. 1500 Substance No. (if available) 2258 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68 , 67 , , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 or 32 Conditions 01 , 04 Location(s) Trane room and by steam turbine Nalco 8325 20-40%
Substance Sodium molybdate CAS No. 7631 - 95 - 0 DOT No. — Substance No. (if available) — Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , , , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 32/47 Conditions 01 , 04 Location(s) Trane room and by steam turbine Nalco 8325 1-10%
Substance CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)	, , , ,	Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions , Location(s)

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Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Ethanol-17-5 CAS No. 64 -17 -5 DOT No. 1170 Substance No. (if available) 0844 Percent 55 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 70, 67, ___, ___, ___	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01, 04 Location(s) Boiler House Nalco SO127 56%
Substance Barium Chloride CAS No. 10361-37-2 DOT No. NA Substance No. (if available) NA Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Boiler House Nalco SO209 100%
Substance Ethanol Denatured CAS No. 64 - 17-5 DOT No. 1170 Substance No. (if available) 0844 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Boiler House Nalco SO 222 95%
Substance Potassium chromate CAS No. 7789-00-6 DOT No. 9142 Substance No. (if available) 1561 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 150 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Boiler House Nalco SO224 10%
Substance Ethanol denatured CAS No. 64 -17 -5 DOT No. 1170 Substance No. (if available) 0844 Percent 55 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, ___, ___, ___	Max. Daily 10 10 Avg. Daily Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Boiler House Nalco SO234 50%
Substance Monoethanolamine CAS No. 141 - 43-5 DOT No. 2491 Substance No. (if available) 0835 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Boiler House Nalco SO275 10-20%
Substance Sulfamic Acid CAS No. 5329-14-6 DOT No. 2967 Substance No. (if available) 1770 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 365 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Boiler House Nalco SO613 100%

See Instructions for codes.

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TIERRA-D-026546

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Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS (Codes for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance: Nananal CAS No. 124 - 19 - 6 DOT No. NA Substance No. (if available) NA Percent (Code) 60 State (Code) L Trade Secret ☐ (Check if claiming)	67, 70	Max. Daily 09 Avg. Daily 09 Days Onsite (Actual Number) 310	Container 39 Conditions 01, 04 Location(s) B-4 Perfume Compounding Aldehyde C-9
Substance: Decanal CAS No. 112 - 31 - 2 DOT No. - Substance No. (if available) NA Percent (Code) 60 State (Code) L Trade Secret ☐ (Check if claiming)	67, 70	Max. Daily 09 Avg. Daily 09 Days Onsite (Actual Number) 310	Container 39 Conditions 01, 04 Location(s) B-4 Perfume Compounding Aldehyde C-10
Substance: Nonyl Alcohol CAS No. 143 - 08 - 8 DOT No. - Substance No. (if available) - Percent (Code) 60 State (Code) L Trade Secret ☐ (Check if claiming)	67	Max. Daily 10 Avg. Daily 10 Days Onsite (Actual Number) 310	Container 39 Conditions 01, 04 Location(s) B-4 Perfume Compounding Alcohol C-9 FCC
Substance: Decyl Alcohol CAS No. 112 - 30 - 1 DOT No. NA Substance No. (if available) NA Percent (Code) 60 State (Code) L Trade Secret ☐ (Check if claiming)	67	Max. Daily 09 Avg. Daily 09 Days Onsite (Actual Number) 310	Container 39 Conditions 01, 04 Location(s) B-4 Perfume Compounding Alcohol C-10 FCC
Substance: N-Undecylic Alcohol CAS No. 112 - 42 - 5 DOT No. - Substance No. (if available) - Percent (Code) 60 State (Code) L Trade Secret ☐ (Check if claiming)	67	Max. Daily 09 Avg. Daily 09 Days Onsite (Actual Number) 310	Container 39 Conditions 01, 04 Location(s) B-4 Perfume Compounding Alcohol C-11 FCC
Substance: Methanol CAS No. 67 - 56 - 1 DOT No. 1230 Substance No. (if available) 1222 Percent (Code) 60 State (Code) L Trade Secret ☐ (Check if claiming)	66, 67, 70	Max. Daily 12 Avg. Daily 12 Days Onsite (Actual Number) 310	Container 47 Conditions 01, 04 Location(s) B-4 Perfume Compounding Methanol
Substance CAS No. - - DOT No. Substance No. (if available) Percent (Code) State (Code) Trade Secret ☐ (Check if claiming)		Max. Daily Avg. Daily Days Onsite (Actual Number)	Container Conditions , Location(s)

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AMERICAN CYANAMID CO (CLIFTON FAC.)

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Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Perfume Oil CAS No. na - - DOT No. Substance No. (if available) Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 70, —, —, —	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47/48 Conditions 01, 04 Location(s) B-4 Perfume compounding Old Spice Perfume Oil
Substance Diethyl Phthalate CAS No. 84 -66 - 2 DOT No. Substance No. (if available) 0707 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, —, —, —	Max. Daily 13 Avg. Daily 13 Days Onsite 310 (Actual Number)	Container 47/48 Conditions 01, 04 Location(s) B-4 Perfume compounding Old Spice perfume oil
Substance Diethyl Phthalate CAS No. 84 - 66 - 2 DOT No. Substance No. (if available) Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, —, —, —, —	Max. Daily 13 Avg. Daily 13 Days Onsite 310 (Actual Number)	Container 47 Conditions 01, 04 Location(s) B-4 Perfume Compounding Bldg 4 Perfume Compounding Old Spice Perfume Oil
Substance Methanol CAS No. 67 - 56 - 1 DOT No. 1230 Substance No. (if available) 1222 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, —, —	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Storage Room Building - 9
Substance Undecanal CAS No. 112 - 44 - 7 DOT No. NA Substance No. (if available) NA Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, —, —, —	Max. Daily 09 Avg. Daily 09 Days Onsite 310 (Actual Number)	Container 39 Conditions 01, 04 Location(s) Bldg 4 Perfume Compounding Aldehyde C-11 Aundecylic
Substance 2-Methyluadecanal CAS No. 110 - 41 - 8 DOT No. NA Substance No. (if available) NA Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, —, —, —	Max. Daily 09 Avg. Daily 09 Days Onsite 310 (Actual Number)	Container 39 Conditions 01, 04 Location(s) B-4 Perfume Compounding Aldehyde C-12 MNA
Substance Gamma - Undecalactune CAS No. 104 - 67 - 6 DOT No. NA Substance No. (if available) NA Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, —, —, —, —	Max. Daily 09 Avg. Daily 09 Days Onsite 310 (Actual Number)	Container 39 Conditions 01, 04 Location(s) B-4 Perfume Compounding Aldohyde C-14 Pure FCC

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Sulfuric Acid CAS No. 7664-93-9 DOT No. ____ Substance No. (if available) 1761 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, 67, ___, ___, ___	(Enter Code) Max. Daily 12 Avg. Daily 12 Days Onsite 365 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 01, 04 Location(s) Fork truck
Substance Sodium Metabisulfite CAS No. 7681-57-4 DOT No. 2093 Substance No. (if available) 1708 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 68, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 43 Conditions 01, 04 Location(s) Processing - B-9
Substance Zinc Chloride CAS No. 7646-85-7 DOT No. 2331 Substance No. (if available) 2030 Percent 59 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 68, ___, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 39 Conditions 01, 04 Location(s) ____
Substance ____ CAS No. ____-____-____ DOT No. ____ Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container ____ Conditions ____, ____ Location(s) ____
Substance ____ CAS No. ____-____-____ DOT No. ____ Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container ____ Conditions ____, ____ Location(s) ____
Substance ____ CAS No. ____-____-____ DOT No. ____ Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container ____ Conditions ____, ____ Location(s) ____
Substance ____ CAS No. ____-____-____ DOT No. ____ Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	___, ___, ___, ___, ___	Max. Daily ____ Avg. Daily ____ Days Onsite ____ (Actual Number)	Container ____ Conditions ____, ____ Location(s) ____

See Instructions for codes.

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697 ROUTE 46, CLIFTON

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Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Mercaptans & Mixture CAS No. ___-___-___ DOT No. 1228 Substance No. (if available) 2536 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, ___, ___, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 02, 04 Location(s) B-9 Filling
Substance 1-Methoxy 2-Propanol CAS No. 107-98-2 DOT No. ___ Substance No. (if available) ___ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance 1-Methoxy 2-Propanol CAS No. 170-98-2 DOT No. ___ Substance No. (if available) ___ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Methyl Choroform CAS No. 71-55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling
Substance Cumene Hydroperoxide CAS No. 80-15-9 DOT No. 2116 Substance No. (if available) 0543 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	68, 66, ___, ___, ___	Max. Daily 9 Avg. Daily 09 Days Onsite 310 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Saccharin CAS No. 81-07-2 DOT No. ___ Substance No. (if available) 1641 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 310 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Methy chloroform CAS No. 71-55-6 DOT No. ___ Substance No. (if available) 1237 Percent 57 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling

See Instructions for codes.

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Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Liquified Petroleum CAS No. 68476 -85 -7 DOT No. 1075 Substance No. (if available) 1118 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67 , 70 , ___ , ___ ___ , ___	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 02 , 04 Location(s) B-9 Filling
Substance Sodium Dichloro -s- Triazinetrione CAS No. 2893 -78 -9 DOT No. 2465 Substance No. (if available) 1694 Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ___ , ___ , ___ ___ , ___	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 46 Conditions 01 , 04 Location(s) B-9 Filling
Substance Pine Oil CAS No. 8002 - 09- 3 DOT No. 1272 Substance No. (if available) 2684 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ___ , ___ , ___ ___ , ___	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) B-9 Filling
Substance Isopropyl Alcohol CAS No. 67 -63 -0 DOT No. 1219 Substance No. (if available) 1076 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70 , 67 , ___ , ___ ___ , ___	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) B-9 Filling
Substance Ammonia CAS No. 7664 - 41- 7 DOT No. 1005 Substance No. (if available) 0084 Percent 61 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ___ , ___ , ___ ___ , ___	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) B-9 Filling
Substance Silicone CAS No. 541 - 02- 6 DOT No. 1993 Substance No. (if available) ___ Percent 61 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70 , ___ , ___ , ___ ___ , ___	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 46 Conditions 02 , 04 Location(s) B-9 Filling
Substance Petroleum Distillates CAS No. 8002 -05 -9 DOT No. 1268 Substance No. (if available) 2648 Percent 61 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , 70 , ___ , ___ ___ , ___	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 46 Conditions 02 , 04 Location(s) B-9 Filling

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AMERICAN CYANAMID CO (CLIFTON FAC.)

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Petroleum Distillates CAS No. 8002 - 05 - 9 DOT No. 1268 Substance No. (if available) 2648 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67, 70, ___, ___, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 01, 04 Location(s) B-9 Filling
Substance Benzine CAS No. 8030 - 30-6 DOT No. 1115 Substance No. (if available) 0206 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 46 Conditions 01, 04 Location(s) B-9 Filling
Substance Methychloroform CAS No. 71 - 55-6 DOT No. 2831 Substance No. (if available) 1237 Percent 55 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 46 Conditions 01, 04 Location(s) B-9 Filling
Substance Propane CAS No. 74 - 98 - 6 DOT No. 1978 Substance No. (if available) 1594 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling
Substance Methylchoroform CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling
Substance Isopropyl Alcohol CAS No. 67 - 63 - 0 DOT No. 1219 Substance No. (if available) 1076 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 46 Conditions 02, 04 Location(s)
Substance N,N - Dialkyltoluidine CAS No. ___ - ___ - ___ DOT No. ___ Substance No. (if available) ___ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 46 Conditions 02, 04 Location(s) B-9 Filling

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Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Methyl Alcohol CAS No. 67 - 56 1 DOT No. 1230 Substance No. (if available) 1222 Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 70, 67, 66, —, —	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 01, 04 Location(s) Bldg 9 Filling
Substance Methyl Alcohol CAS No. 67 - 56 1 DOT No. 1230 Substance No. (if available) 1222 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, —, —	Max. Daily 11 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Bldg 9 Filling
Substance Methyl Ethyl Ketone (2-Butane) CAS No. 78 - 93 - 3 DOT No. 1193 Substance No. (if available) 1258 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, —, —, —, —	Max. Daily 11 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Bldg 9 Filling
Substance Methyl Alcohol CAS No. 67 - 56 - 1 DOT No. 1230 Substance No. (if available) 1222 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	70, 67, 66, —, —	Max. Daily 11 Avg. Daily 11 Days Onsit 310 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Bldg 9 Filling
Substance Methyl Ethylketone (2-Butanone) CAS No. 78 - 93 - 3 DOT No. 1193 Substance No. (if available) 1258 Percent 55 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, —, —, —, —	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 38 Conditions 01, 04 Location(s) B-9 Filling
Substance Sodium Hydroxide CAS No. 1310 - 73 - 2 DOT No. 1823 Substance No. (if available) 1706 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, —, —, —, —	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 47 Conditions 01, 04 Location(s) B-9 Filling
Substance 2 - Butoxy Ethanol CAS No. 111 - 76 - 2 DOT No. 2369 Substance No. (if available) 0275 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, —, —, —, —	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 47 Conditions 01, 04 Location(s) B-9 Filling

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AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

IMPORTANT!
Read all instructions before completing.
Please type all responses.

Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Dioxane CAS No. 123 - 91 - 1 DOT No. 1165 Substance No. (if available) 0789 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, 67, 69, 70, —	(Enter Code) Max. Daily 9 Avg. Daily 9 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 02, 04 Location(s) Plastics - 9A Magnaflux cleaner
Substance Lead CAS No. 7439 - 92 - 1 DOT No. — Substance No. (if available) — Percent 61 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, —, —, —, —	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 34 Conditions 01, 04 Location(s) Plastics - 9A Multi-core Solder
Substance Antimony CAS No. 7440 - 36 - 0 DOT No. 1549 Substance No. (if available) 0141 Percent 61 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, —, —, —, —	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 34 Conditions 01, 04 Location(s) Plastics - 9A Steele Spool solder
Substance Petrolium based oil CAS No. 64742 - 65 - 0 DOT No. 1268 Substance No. (if available) 2648 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 70, —, —, —	Max. Daily 14 Avg. Daily 14 Days Onsite 310 (Actual Number)	Container 48/50 Conditions 01, 04 Location(s) Plastics - 9A Hydrolic Oil - cooks
Substance Petrolium based grease CAS No. 7620 - 77 - 1 DOT No. — Substance No. (if available) — Percent — (Code) State — (Code) Trade Secret ☐ (Check if claiming)	67, 70, —, —, —	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 38 Conditions 01, 04 Location(s) Plastics - 9A Cook's #2 Grease
Substance Dipropylene Glycol CAS No. 34590 - 94 - 8 DOT No. — Substance No. (if available) 0804 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, —, —, —, —	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 47 Conditions 01, 06/04 Location(s) Plastics - Bld. 9A
Substance Glutaraldehyde CAS No. 111 - 30 - 8 DOT No. — Substance No. (if available) 0960 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, —, —, —	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 48 Conditions 01, 04 Location(s) Plastics - Bld. 9A Mini-porta-feed - Nalco 7338

See Instructions for codes.

AEU000048

TIERRA-D-026554

10090 * 401010

AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

IMPORTANT!
Read all instructions before completing.
Please type all responses.

Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Ethylene Glycol CAS No. 107 - 21 - 1 DOT No. 1142 Substance No. (if available) 0878 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, 67, 70, , ,	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01, 04 Location(s) Plastic - 9A Weber Marking Ink
Substance Ethylene Glycol CAS No. 107 - 21 - 1 DOT No. 1142 Substance No. (if available) 0878 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 70, , ,	Max. Daily 13 Avg. Daily 13 Days Onsite 310 (Actual Number)	Container 47 Conditions 01, 04 Location(s) Plastics - 9A Heat transfer fluid
Substance Mineral Spirits CAS No. 64741 - 41 - 9 DOT No. ____ Substance No. (if available) ____ Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 70, , ,	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 47 Conditions 01, 04 Location(s) Plastics - 9A Mineral Spirits
Substance Phenol CAS No. 90 - 72 - 2 DOT No. ____ Substance No. (if available) ____ Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	67, , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 310 (Actual Number)	Container 34 Conditions 01, 04 Location(s) Plastics 9A (Blister Pack) Portion Stik
Substance Epoxy Resin CAS No. 25068 - 38 - 6 DOT No. ____ Substance No. (if available) ____ Percent 53 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, , , , ,	Max. Daily 09 Avg. Daily 09 Days Onsite 310 (Actual Number)	Container 34 Conditions 01, 04 Location(s) Plastics 9A (Blister Pack) Portion Stik
Substance Polyethylene CAS No. 9002 - 88 - 4 DOT No. ____ Substance No. (if available) ____ Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, 70, , , ,	Max. Daily 14 Avg. Daily 14 Days Onsite 310 (Actual Number)	Container 37 Conditions 01, 04 Location(s) Plastics 9A - B-15 & B-11 Polyethylene - Resin
Substance Trichloromonofluoro Methane CAS No. 75 - 69 - 4 DOT No. 1078 Substance No. (if available) 1891 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, , ,	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics- 9A Aerosol cans Stoner's mold release

See Instructions for codes.

AEU000049

TIERRA-D-026555

10090 401010

AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

IMPORTANT!
Read all instructions before completing.
Please type all responses.

Reporting Period: January 1 - December 31, 1991

Facility Name American Cyanamid - (9A) City Clifton State NJ Zip 07015

CHEMICAL DESCRIPTION	HAZARDS (Enter for all that apply.)	Inventory (Ranges) (Enter Code)	STORAGE CODES AND LOCATIONS (Enter Codes, except Location(s); supply narrative.)
Substance Name Tri-chloroethane CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) 1899 Percent ___ State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02 04 Location(s) Plastics - Bld. 9A Pro-Klene - E-906
Substance Name Carbon Dioxide CAS No. 124 - 38 - 9 DOT No. 1013 Substance No. (if available) 0343 Percent ___ State G Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02 04 Location(s) Plastics - Bld. 9A E-935 - Mold Release
Substance Name Methylene Chloride CAS No. 75 - 09 - 2 DOT No. 1593 Substance No. (if available) 1255 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02 04 Location(s) Plastics 9A Aerosal Can Mold Protector
Substance Name Trichloroethane CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent 54 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02 04 Location(s) Plastics 9A Aerosal Can Mold Protector
Substance Name Propane CAS No. 74 - 98 - 6 DOT No. 1978 Substance No. (if available) 1594 Percent ___ State ___ Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02 04 Location(s) Plastics 9A Aerosal Can Mold Protector
Substance Name Isobutane CAS No. 75 - 28 - 5 DOT No. 1969 Substance No. (if available) 1040 Percent ___ State ___ Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02 04 Location(s) Plastics 9A Aerosal Can Mold Protector
Substance Name Rubber Modified Styrene CAS No. 9003 - 55 - 8 DOT No. ___ Substance No. (if available) ___ Percent 60 State S Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 70, ___, ___, ___	Max. Daily 16 Avg. Daily 16 Days Onsite 310 (Actual Number)	Container 44 Conditions 01 04 Location(s) Plastics 9A, Bldg. 15 & 11 Huntsman - Polystyrene

AEL100005

TIERRA-D-026556

100901 01010

AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

IMPORTANT!
Read all instructions before completing.
Please type all responses.

Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Methyl Chloroform CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, 67, 69, 70, —	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative Container 34 Conditions 02, 04 Location(s) Aerosal Can Plastics 9A Safety solvent Cleaner 90-95%
Substance 1,4 Dioxane CAS No. 123 - 91 - 1 DOT No. 1165 Substance No. (if available) 0789 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70, —	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can Safety Solvent Cleaner 1-5%
Substance Carbon Dioxide CAS No. 124 - 38 - 9 DOT No. 1013 Substance No. (if available) 0343 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70, —	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can
Substance Trichloroethylene CAS No. 79 - 01 - 06 DOT No. 1710 Substance No. (if available) 1890 Percent ? (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70, —	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can A 484 Mold Cleaner
Substance Methylene Chloride CAS No. 75 - 09 - 6 DOT No. 1593 Substance No. (if available) 1255 Percent — (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70, —	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can A484 Mold Cleaner
Substance Chlorodifluoromethane CAS No. 74 - 45 - 6 DOT No. 1018 Substance No. (if available) 0386 Percent — (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70, —	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics Dept Aerosal Can A 484 Mold Cleaner
Substance Trichloro-Trifluoroethane CAS No. 76 - 13 - 1 DOT No. — Substance No. (if available) 1904 Percent 50 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, —, —, —	Max. Daily 13 Avg. Daily 13 Days Onsite 310 (Actual Number)	Container 47 Conditions 01, 04 Location(s) Plastics 9A PIF Freon

See Instructions for codes.

AEU000051

TIERRA-D-026557

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AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

IMPORTANT!
Read all instructions before completing.
Please type all responses.

Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Dichlorodifluoromethane CAS No. 75 - 71 - 8 DOT No. 1028 Substance No. (if available) 0649 Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 66, 67, 69, ___, ___	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can Stoners mold release
Substance Dimethyl Silicone CAS No. 63148 - 62 - 9 DOT No. ___ Substance No. (if available) ___ Percent ___ (Code) State ___ (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can Stoners Mold Release
Substance Polypropylene CAS No. 25085 - 53 - 4 DOT No. ___ Substance No. (if available) ___ Percent 60 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 15 Avg. Daily 15 Days Onsite 310 (Actual Number)	Container 44 Conditions 01, 04 Location(s) Plastics 9A bldg 15 & 11 Polypropylene Resin
Substance Mineral Spirits CAS No. 8032 - 32 - 4 DOT No. ___ Substance No. (if available) ___ Percent 60 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, 66, 70, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 36 Conditions 01, 04 Location(s) Plastics 9A Safety Solvent (safety Kleen)
Substance Trichloroethane CAS No. 77 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent ___ (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 69, 70, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics 9A Aerosal Can Stoner's Rust Prevention
Substance Dichlorodifluoromethane CAS No. 75 - 71 - 8 DOT No. 1028 Substance No. (if available) 0649 Percent ___ (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66, 67, 67, 70, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02, 04 Location(s) Plastics Aerosal Can Stoner's Rust Preventative
Substance Petroleum Distillates CAS No. 8002 - 05 - 9 DOT No. 1268 Substance No. (if available) 2648 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67, ___, ___, ___, ___	Max. Daily 14 Avg. Daily 14 Days Onsite 310 (Actual Number)	Container 48/50 Conditions 01, 04 Location(s) Plastics 9A Hydraulic Oil

See Instructions for codes.

AEU00052

TIERRA-D-026558

0090 * 401010

AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

IMPORTANT!
Read all instructions before completing.
Please type all responses.

Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Methy Alcohol CAS No. 67 - 56 - 1 DOT No. ____ Substance No. (if available) 1222 Percent 59 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 70 , 66 , 67 , ____ , ____	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01 , 04 Location(s) Plastics bldg 9A Methanol
Substance Sodium Hypochlorite CAS No. 7681 - 52 - 9 DOT No. 1791 Substance No. (if available) 1707 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	____ , 67 , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Microbiocide Acti-Plus 2818
Substance Sodium Hydroxide CAS No. 1310 - 73 - 2 DOT No. 1823 Substance No. (if available) 1706 Percent 53 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Microbiocide Acti-Plus 2818
Substance Sodium Metabisulfite CAS No. 7681 - 57 - 4 DOT No. 2693 Substance No. (if available) 1708 Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Oxygen Scavenger 2811
Substance Sodium Oxide CAS No. 1313 - 59 - 3 DOT No. ____ Substance No. (if available) ____ Percent 54 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) Plastics 9A Dryers
Substance Silicone Oxide CAS No. 7631 - 86 - 9 DOT No. ____ Substance No. (if available) 1655 Percent 54 (Code) State S (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) Plastic 9A Dryers
Substance Aluminum Oxide CAS No. 1344 - 28 - 1 DOT No. ____ Substance No. (if available) 2891 Percent ____ (Code) State ____ (Code) Trade Secret ☐ (Check if claiming)	67 , 66 , ____ , ____ , ____	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 01 , 04 Location(s) Plastic 9A Dryer

See Instructions for codes.

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TIERRA-D-026559

AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

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Read all instructions before completing.
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Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Mineral Spirits CAS No. 8030 - 30 - 6 DOT No. 1115 Substance No. (if available) 0206 Percent ____ (Code) State L (Code) Trade Secret ☐ (Check if claiming)	(Codes for all that apply.) 67 , ____ , ____ , ____ , ____	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative Container 38 Conditions 01 , 04 Location(s) Plastics 9A Waterless Hand Cleaner
Substance 5-Chloro 2 Methyl 4 Sothiazolin 3 One CAS No. 26172 - 55 - 4 DOT No. ____ Substance No. (if available) ____ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , ____ , ____ , ____	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Naloo-7330-Microbiocide
Substance 2-Methyl-4-Isothiazoline 3 CAS No. 2682 - 20 - 4 DOT No. ____ Substance No. (if available) ____ Percent 51 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , ____ , ____ , ____	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Naloo 7330 Microbiocide
Substance Petroleum Solvents CAS No. 8052 - 41 - 3 DOT No. 1993 Substance No. (if available) 2648 Percent ____ (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Plastics 9A Cook,s Rust Defer 12000
Substance Pet Based Lubricating Oil CAS No. 64742 - 53 - 6 DOT No. 1270 Substance No. (if available) 2651 Percent ____ (Code) State L (Code) Trade Secret ☐ (Check if claiming)	67 , ____ , ____ , ____ , ____	Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	Container 38 Conditions 01 , 04 Location(s) Plastics 9A Cook's Rust defier 12000
Substance Sodium Nitrate CAS No. 7632 - 00 - 0 DOT No. 1500 Substance No. (if available) 2258 Percent 54 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , 68 , ____ , ____	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Naloo 7375 Inhibitor NALCO 2897 INHIBITOR
Substance Sodium Molybdate CAS No. 7631 - 95 - 0 DOT No. ____ Substance No. (if available) ____ Percent 52 (Code) State L (Code) Trade Secret ☐ (Check if claiming)	66 , 67 , 68 , ____ , ____	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 48 Conditions 01 , 04 Location(s) Plastics 9A Naloo 7375 Inhibitor NALCO - 2897 INHIBITOR

AEU000054

TIERRA-D-026560

0090 01010

AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

IMPORTANT!
Read all instructions before completing.
Please type all responses.

Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance Name Trichloroethane CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent 57 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	(Enter for all that apply.) 66, 67, 69, 70, ___	(Enter Code) Max. Daily 10 Avg. Daily 10 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 34 Conditions 02 04 Location(s) Plastics 9A Aerosal Can Crown Safety Solvent 8060
Substance Name Kerosene CAS No. 8008 - 20 - 6 DOT No. 1223 Substance No. (if available) 1091 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 310 (Actual Number)	Container 34 Conditions 02 04 Location(s) Plasitcs 9A Aerosal Can Magna-Flux- Spot Check
Substance Name Trichloroethane CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) 1237 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 69, 70, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 310 (Actual Number)	Container 34 Conditions 02 04 Location(s) Plastics 9A Aerosal Can Magnaflux Cleaner
Substance Name Ethylene Glycol CAS No. 107 - 21 - 1 DOT No. 1142 Substance No. (if available) 0878 Percent 59 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, 70, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 47 Conditions 01 04 Location(s) Plastics 9A Ucar Therm Heat Transfer
Substance Name Trichloroethane CAS No. 71 - 55 - 6 DOT No. 2831 Substance No. (if available) ___ Percent ___ State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02 04 Location(s) Plastics - Building 9A E-935 - Mold Release
Substance Name Chlorodifluoromethane CAS No. 75 - 45 - 6 DOT No. 1018 Substance No. (if available) 0386 Percent ___ State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	66, 67, ___, ___, ___	Max. Daily 11 Avg. Daily 11 Days Onsite 310 (Actual Number)	Container 34 Conditions 02 04 Location(s) Plastics - Building 9A E-935 - Mold Release
Substance Name Propane CAS No. 74 - 98 - 6 DOT No. 1978 Substance No. (if available) 1594 Percent 60 State L Trade Secret ☐ (Code) (Code) (Check if Claiming)	67, 69, 70, ___, ___	Max. Daily 13 Avg. Daily 13 Days Onsite 310 (Actual Number)	Container 50 Conditions 02 05 Location(s) Plastics 9A

AEU0000055

TIERRA-D-026561

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AMERICAN CYANAMID CO (CLIFTON FAC.)

697 ROUTE 46, CLIFTON

IMPORTANT!
Read all instructions before completing.
Please type all responses.

Reporting Period: January 1 - December 31, 1991

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
bstance Name Sodium Hydroxide S No. 1310 - 73 - 2 DOT No. 1823 bstance No. (if available) 1706 rcent 52 State L Trade Secret ☐ de) (Code) (Check if Claiming)	(Enter for all that apply.) 67, 66, ___, ___, ___, ___	(Enter Code) Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 48 Conditions 01 04 Location(s) Plastics - Bld. 9A Mini-porta-feed Nalco-8325
bstance Name Sodium Nitrite AS No. 7632 - 00 - 0 DOT No. 1500 bstance No. (if available) 2258 rcent 54 State L Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 48 Conditions 01 04 Location(s) Plastics - Bld. 9A Mini-porta-feed Nalco-8325
bstance Name Sodium Molybdate AS No. 7631 - 95 - 0 DOT No. ___ bstance No. (if available) ___ rcent 52 State L Trade Secret ☐ xde) (Code) (Check if Claiming)	67, 66, ___, ___, ___, ___	Max. Daily 12 Avg. Daily 12 Days Onsite 310 (Actual Number)	Container 48 Conditions 01 04 Location(s) Plastics - Bld. 9A Mini-porta-feed Nalco-8325
bstance Name Zinc Chloride AS No. 7646 - 85 - 7 DOT No. 2331 bstance No. (if available) 2030 rcent 54 State S Trade Secret ☐ ode) (Code) (Check if Claiming)	67, ___, ___, ___, ___, ___	Max. Daily 09 Avg. Daily 09 Days Onsite 310 (Actual Number)	Container 34 Conditions 01 04 Location(s) Plastics - Bld. 9A Small can Tix Flux
bstance Name ___ AS No. ___ - ___ - ___ DOT No. ___ bstance No. (if available) ___ rcent ___ State ___ Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily ___ Avg. Daily ___ Days Onsite ___ (Actual Number)	Container ___ Conditions ___ Location(s) ___
bstance Name ___ AS No. ___ - ___ - ___ DOT No. ___ bstance No. (if available) ___ ercent ___ State ___ Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily ___ Avg. Daily ___ Days Onsite ___ (Actual Number)	Container ___ Conditions ___ Location(s) ___
bstance Name ___ AS No. ___ - ___ - ___ DOT No. ___ bstance No. (if available) ___ ercent ___ State ___ Trade Secret ☐ ode) (Code) (Check if Claiming)	___, ___, ___, ___, ___, ___	Max. Daily ___ Avg. Daily ___ Days Onsite ___ (Actual Number)	Container ___ Conditions ___ Location(s) ___

AEU000056

TIERRA-D-026562

RUN #:

CLIFTON HAZMAT TEAM
REPORT

DEP CASE # 90 - 11 - 15 - 0800
(YR) (MO) (DAY) (TIME)

DATE: 11/15/90 REC'D BY: DEP operator 20 REVIEWED BY: MD

NATURE OF INCIDENT: ___Citizen Notification ___Munic. Notification ___Facil. Notification ___Other Notification

INCIDENT REPORT BY:
Name DEP operator 20 Phone Cop- 292-7172
Street
Municipality State
Affiliation/title

INCIDENT LOCATION: ___Transporation X Facility ___Other
Name (site) Shelton Corp. Phone
Street Colfax Ave.
Municipality Clifton County Passaic State NJ Zip

Location Type: ___Residential X Industrial ___Rural
___Sensitive Population (Hospital,School,Nursing Home)

Date of Incident: 11/15/90 Time:

IDENTITY OF SUBSTANCE(S) SPILLED, RELEASE, ETC: ___Known X Suspected ___Unknown ___None

Name of Substance(s): (Gas,Liquid,Solid) Liquid Diesel

TCPA Chemical (Y/N/U) CAS Number

Amount Released/Spilled Unknown ___Actual ___Potential ___Estimated

Substance Contained (Y/N/U)

Type of Release/Spill: ___Terminated X Continuous ___Intermittent

Hazardous Material (Y/N/U)

AEU000062

CLIFTON HAZMAT TEAM
REPORT

INCIDENT DESCRIPTION:

___Fire ___Explosion ___Air Rel _X_Spill ___Abandoned Containers
___Illegal Dumping ___MVA ___Odors ___Smoke/Dust ___Sewage ___NJDES
___L.U.S.T. ___Wildlife
___Equip. Startup/Shutdown, Equip. Fail/Upset, etc._____
___Other (Derailment, Ocean Dumping, Noise, etc.)_____

Injuries (Y/N/U) Public Exposure (Y/N/U)
Facility Evacuation (Y/N/U) Police at Scene (Y/N/U)
Public Evacuation (Y/N/U) Firemen at Scene (Y/N/U)
Contamination of __Air __Land _X_Water Assistance Requested (Y/N/U)

Receiving Water_____ Wind Direction/Speed____,____

STATUS AT INCIDENT SCENE _____

RESPONSIBLE PARTY: __Known __Suspected _X_Unknown

Company Name Shulton Corp. Phone_____
Contract 340-6788 Louis Burnside Title_____
Street_____
Municipality_____ County_____ State_____ Zip Code_____

OFFICIALS NOTIFIED (Name/Title):

NJSP_____/_____ Phone_____ Date/Time_____/_____
Local Health 470-5859/_____ Phone_____ Date/Time_____/_____
Local Munic._____/_____ Phone_____ Date/Time_____/_____
Other_____/_____ Phone_____ Date/Time_____/_____

INCIDENT REFERRED TO: ___DEQ ___DWR ___DSWM ___DHSM ___DOH
___DFG ___DPF ___DCJ ___DCR

Region: ___Northern ___Metro ___Central ___Southern ___ER1 ___ER2

1.Name/Affil_____/_____ Phone_____ Date/Time_____/_____
2.Name/Affil_____/_____ Phone_____ Date/Time_____/_____
3.Name/Affil_____/_____ Phone_____ Date/Time_____/_____

CLIFTON HAZMAT TEAM
REPORT

COMMENTS Investigated Leak & found it to be upstream at Weasel Brook in the area of General Foods on Koller Rd.
Possible from Street Run off

1. **CLEAN-UP CONTRACTOR:**

Name:_____ Phone_____
Address_____
City_____ State_____ Zip Code_____

Party that was spoken to:_____

2. **Special Hazards** _____

UN # _____

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