ELECTRICAL TRANSFORMER SURVEY CLOSEOUT REPORT

CAMP PEDRICKTOWN, NEW JERSEY

Contract No. DACA-31-00-D--0046 Delivery Order #0018

Revised August 2005

PREPARED FOR

U.S Army Corps of Engineers, Baltimore Environmental Remediation Resident Office P.O. Box 56 Aberdeen Proving Ground, MD 21010

PREPARED BY:

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1.0 INTRODUCTION

ECG Industries, Inc (ECG), under Contract # DACA31-00-D-0046, D.O. #0018 with the U.S. Army Corps of Engineers (USACE), completed the electrical transformer survey at the Former Camp Pedricktown, New Jersey in accordance with the statement of work dated March 2, 2005. Work associated with this project was divided into six (6) phases: Phase I - Outside Transformers, Phase II - Leaking PCB Fluorescent Light Ballasts, Phase III - Bldg. 432, Phase IV - Bldg. 422, Phase V - Remove and Dispose of PCB Containing Fluorescent Light Ballasts and Phase VI (Optional) - Remove and Dispose of PCB Containing Transformers.

2.0 SITE DESCRIPTION AND PROJECT SUMMARY

2.1 Project Location and Description

Camp Pedricktown is located on Route 130 in Oldmans Township, Salem County, New Jersey. The installation was originally designated as the Delaware Ordnance Depot and served as a final assembly and storage area for munitions from 1918 to 1958. In 1958, the installation was placed on stand-by status and all munitions were removed. Jurisdiction of the magazine area was transferred to the Army Corps of Engineers, which uses the area for their river dredging operations. The remaining land was reassigned to the Philadelphia Air Defense organization in 1959 and designated as Camp Pedricktown. In 1960, Camp Pedricktown became the headquarters for the 42nd and 43rd Artillery. Jurisdiction over Camp Pedricktown was later transferred to Fort Dix and in 1970, 23-acres was transferred to the Salem County Technical Institute. In 1993, the 79th Army Reserve Command was given jurisdiction over Camp Pedricktown. In 1995, the Base Realignment and Closure (BRAC) Commission recommended Camp Pedricktown for closure. Forty of the 87-acres that comprise Camp Pedricktown were retained to support the mission of the United States Army Reserve and the remaining property is to be disposed of under the BRAC program.

The electricity distribution system at Camp Pedricktown has been upgraded and modified over the years to support the various missions of the installation. This survey was completed to determine the current status of the system and bring the system into compliance with Federal, state, and Army requirements. These actions were also necessary to support the BRAC disposal of the installation's electricity distribution system.

In general, the work included surveying, testing, photo-documentation, preparing a report of findings and providing a recommendation for each transformer based on the findings. The work was grouped into phases as described below:

- o Phase I Outside Transformers
 - Survey/inspect each transformer (53)
 - Identify, number and label each transformer
 - Sample all transformers that have not been previously sampled
 - Determine operational status of each transformer
 - Photograph each transformer

- O Phase II Leaking PCB Fluorescent Light Ballasts
 - Remove and properly dispose of leaking PCB-containing fluorescent light ballasts
- o Phase III Building 432
 - Survey/inspect the two (2) transformers inside the building
 - Identify, number and label each transformer
 - Sample the transformer that has not been previously sampled
 - Determine operational status of each transformer
 - If inactive, determine if fit for use without repair
- o Phase IV Building 422
 - Survey/inspect the three (3) transformers inside the building
 - Identify, number and label each transformer
 - Sample the transformer that has not been previously sampled
 - Determine operational status of each transformer
 - If inactive, determine if fit for use without repair
- o Phase V Non-Leaking PCB-Containing Light Ballast
 - Remove and dispose of 450 PCB-containing fluorescent light ballasts (approx. 900 lbs.)
- o Phase VI Remove and Dispose of PCB-Containing Transformers
 - Remove & dispose PCB-containing transformers not fit for use (approx. 16,500 lbs.)

2.2 Project Planning and Execution

Following approval of ECG's Health and Safety Plan, Work Plan and schedule by the USACE, ECG and its subcontractor, Tier DE, mobilized to the site on April 6, 2005 to start Phase I. The plan was to de-energize sections of the installation to safely inspect pole-mounted transformers. ECG learned that the installation could not be de-energized in sections as originally planned and that the entire installation had to be de-energized at one time. As a result, additional coordination between the Army and tenants was necessary, and Phase I operations were rescheduled for the weekend of April 23, 2005. This was the earliest time practical to de-energize the electricity distribution system; however, one tenant still required electric service. An autonomous electric power source was brought in for the tenant and there was no disruption to their electric service. During this time period, ECG worked on Phases II through V.

Field work activities for this project took place between April 6, 2005 and April 24, 2005. ECG supervised all field activities, while Tier DE performed the electrical transformer survey and PCB-containing light ballast removal and disposal. Daily reports for this project are provided as Attachment 1. All personnel that entered Building 432 were required to sign an Entry Requirements form that identified potential hazards and minimum personal protective equipment (PPE) necessary to enter Bldg. 432. Entry Requirement forms are provided as Attachment 2. Disposal

Documentation for the PCB light ballasts, fluorescent light tubes, transformers (PCB and Non-PCB), and scrap metal are provided as Attachment 3.

2.2.1 Building 422

Three pad-mounted transformers and an oil-cooled switch box unit located in Bldg. 422 were inspected on Thursday, April 7, 2005. The transformers and switch box unit were monitored for electrical activity, visually inspected, labeled, numbered and photographed. The transformers and switch box were sampled during a study conducted by the U.S. Army Center for Health Promotion and Preventive Medicine on December 15, 1995. The summary report for the study indicates two of the transformers, (serial # 57E3514, and # 57E3516) were PCB-containing, with 530 parts per million (ppm) and 1450 ppm, respectively. The third transformer (serial # 57E3511) was PCB-containing, with 161 ppm PCBs. The oil-cooled switch box was found to be non-PCB containing.

The transformers and switch box unit were found to be inactive and located in an area no longer used. The age (greater than 36 years) of this equipment make it impossible to re-use without repair. The transformers and switch boxes were dismantled and properly disposed of.

2.2.2 Building 432

The two pad-mounted transformers located in the NIKE Missile Master building (Bldg. 432) were inspected on Thursday, April 7, 2005. The transformers were monitored for electrical activity, visually inspected, labeled, numbered and photographed. One transformer (serial # C-504108) was sampled (sample PT22P) during a study conducted by the U.S. Army Center for Health Promotion and Preventive Medicine on December 15, 1995. The summary report for the study indicates the transformer to be PCB-containing (430,000 ppm). The second transformer (serial # C-504107) could not be sampled at that time. An attempt to sample this transformer was performed on Thursday, April 7, 2005. The transformer did not yield any fluid. It was determined that the transformer is empty and did not contain any dielectric fluid. The study, however, indicates the second transformer to be PCB-containing for the following reasons: the serial numbers indicated that the transformers were manufactured in sequence and probably filled from the same batch of dielectric fluid, both transformers were listed as 'Pyranol' a General Electric brand name for PCB-containing oil, and both were manufactured during the 1956-1960 timeframe. PCB use was prevalent during that time.

The transformers were found to be inactive and located in an area no longer. The age (greater than 36 years) of this equipment make it impossible to re-use without repair. The transformers were dismantled and properly disposed of.

The mercury-containing fluorescent light tubes and the PCB-containing fluorescent light ballasts were removed from the light fixtures in building 432 beginning April 7, 2005. The removal was completed on April 12, 2005. The ballasts were packed in (six) 30-gallon drums and shipped to AERC Recycling Solutions in Allentown, Pennsylvania for proper disposal. The 56-8 foot fluorescent tubes and the 361-4 f00t fluorescent tubes were packed and also shipped to AERC Recycling Solutions for proper disposal.

2.2.3 Outside Transformers

The pole-mounted and ground-mounted transformers were inspected to determine operational status (active/inactive), re-use condition without repair, identify locations, number and label, and determine evidence of leaks/spills and PCB content. Two teams performed the transformer survey. Jack Plale, Electrical Contractor licensed in New Jersey and Delaware, was the certified electrician leading the survey teams. Team 1 inspected the transformers located on the BRAC Property while Team 2 inspected the transformers on the Reserve Enclave. The findings are reported in Table 1 – Electrical Transformer Survey.

Ten transformers once reported to exist on the BRAC property could not be located. Further investigation indicated that the transformers had been removed: 495-Southwest, 3 ground-mounted; 380-Northwest, 3 pole-mounted, 322-East, 1 pole-mounted; and 371- Northwest, 3 pole-mounted. Two buildings with associated transformers could not be located. It is believed that these buildings have been demolished and the transformers removed: FAC 1003, 2 pole-mounted transformers and FAC 1002, 1 pole-mounted transformer.

Fifteen transformers were identified that had not been previously reported. Four on the BRAC Property: 506-South, 3 pole-mounted and 480-Northwest, 1 pole-mounted. Eleven on the Reserve Enclave: 434-Southeast, 1 pole-mounted; 404-South, 3 pole-mounted; 464-Southeast, 2 pole-mounted, 173-North, 1 pole-mounted; 285-West, 3 pole-mounted; 273-Southwest, 1 pole-mounted. These transformers were labeled as Non-PCB, having been filled with Non-PCB fluid in accordance with the 40 CFR 761 Regulations. After further investigation, it was determined that the local electrician, Jack Plale, Electrical Contractor, had installed these new transformers.

All transformers were identified, sampled and numbered. Team 1 assigned numbers for the transformers on the BRAC Property beginning with number 1 and continuing to number 23. Team 2 assigned numbers for the transformers on the Reserve Enclave beginning with number 33 and continuing to number 62. Numbers 24 thru 32 were not assigned. These numbers were designated for transformers that have been removed. Eight transformers on the BRAC Property were sampled: 506-South, 3 pole-mounted; 220-Southwest, 1 pole-mounted; 190-Northwest, 1 pole-mounted; 184-North, 1-pole-mounted, 197-Southwest, 1 pole-mounted and 480-Northwest, 1 pole-mounted. Two transformers on the Reserve Enclave were sampled: 464-Southeast, 2 pole-mounted. The sample numbering sequence coincides with the transformer identification number for the sample. Analytical Results are reported in Table 1 – Electrical Transformer Survey.

After receipt and review of the laboratory data for the transformers, the transformers were labeled as PCB or Non-PCB. The electrician checked the operational status of each transformer. The findings are reported in Table 1.

Three transformers showed evidence of leaking, transformers 37, 49 and 51. Transformers 37 and 49 were inactive with a PCB content of 24 ppm and <5 ppm respectively. Transformer 51 is a Non-PCB, active (in-use) transformer. Soil samples were taken at Transformer 37. The analytical results show non-detect for PCBs in the soil. These transformers were removed and properly disposed of.

Transformer pole locations are identified on the map included in Attachment 6.

3.0 SUMMARY OF FIELD ACTIVITIES

Electrical transformer survey and PCB-containing light ballast removal and disposal are summarized as follows:

April 6, 2005 -	ECG mobilized to site with subcontractor, Tier DE to begin Phase I – Outside Transformer Survey. Phase I work rescheduled to the weekend of April 23 to accommodate tenants.
April 7, 2005 -	Performed survey of transformers in Buildings 422 and 432. Bldg. 422 transformers had been previously sampled, as had transformer #5 in Building 432. Unable to sample Transformer #6 in Bldg. 432 as sample ports did not yield any liquid when opened. Began removal of leaking PCB light ballasts in Bldg. 432.
April 8, 2005 -	Continued removal of PCB light ballasts in Bldg. 432.
April 11, 2005 -	Continued removal of PCB light ballasts in Bldg. 432.
April 12, 2005 -	Completed removal of PCB light ballasts in Bldg. 432.
April 23, 2005 -	Performed survey of outside transformers. Team 1 surveyed transformers on the BRAC Property, Team 2 surveyed transformers on the Reserve Enclave. Sampled 10 transformers that were not sampled during the previous survey. Provided electric generator for one tenant during electric shut-off.
April 27, 2005	Correlating transformer locations of 1995 Survey Report with Buildings not identified. Locating the transformers and pole locations on a map.
April 28, 2005	Electrician checked operational status of transformers and labeled each transformer as PCB or Non-PCB, based on laboratory data. Sampled soil at leaking transformer, number 37.
May 14, 2005	Electrician removed leaking pole-mounted transformers #37 and #49. Transformers are staged in the gated area at Bldg. 422 awaiting disposal.
May 16, 2005	Began dismantling and removal of transformers and switch boxes in Bldg. 422. Transformers 1, 2, and 3 removed and staged inside gated area
May 17, 2005	Continue dismantling switch boxes. Loaded scrap metal from switch boxes and other non-PCB components into roll-off for disposal as scrap metal.

May 18, 2005	Drained Non-PCB oil from switch box. Began dismantling Transformer #6 oil tank from switch box in Bldg. 432. Relocated PCB oil tank from Transformer #6 to loading dock area. Transported one roll-off of scrap metal for disposal.
May 19, 2005	Relocated switch box of Transformer # 6 to loading dock area. Electrician removed from service and replaced leaking transformer # 51. Transformer staged in gated area at Bldg. 422 awaiting disposal.
May 23, 2005	Loaded Transformer # 6 – Switch Box in roll-off for scrap metal disposal. Began dismantling Transformer # 5. Relocated Transformer # 5 – Switch Box to loading dock area. Transport one roll-off of scrap metal for disposal. Began moving Transformer # 5 - PCB Oil Tank to loading dock area.
May 24, 2005	Loaded Transformer #5 – Switch Box into roll-off for scrap metal disposal. Relocate Transformer #5 – PCB Oil Tank to loading dock area. Clean up of loading dock area for tractor-trailer access. Performed final clean up of all areas.
May 25, 2005	Transport one roll-off of scrap metal for disposal. Demobilized equipment.
June 2, 2005	Packaged fluorescent light tubes for transportation and disposal. Transported for disposal PCB Ballasts and fluorescent light tubes from Bldg. 432 to AERC Recycling Solutions in Allentown, Pennsylvania.
June 17, 2005	Load and transport for disposal transformers #1, #2, #3, #5, #6, #37, #49, and #51.

4.0 PHOTOGRAPHIC LOG

A photographic log documenting the electrical transformer survey is provided as Attachment 4.

Table 1 - Electrical Transformer Survey

PCB Label Transformer
n. Type pm) PCB/Non-PCB A
161 PCB
530 PCB
1450 12/11/95 / PT26P
<5 Non-PCB
>4300 PCB
PCB
ND Non-PCB
ND Non-PCB
ND Non-PCB
160 PCB
ND Non-PCB
ND Non-PCB
ND Non-PCB
Non-PCB
Non-PCB

^{1.} The transformer did not yield any fluid. The initial study suggests the transformer to be PCB-containing for the following reasons: The serial numbers indicated that the transformer was manufactured in sequence with transformer #5 and probably filled from the same batch of dielectric fluid, both transformers were listed as 'Pyranol' a General Electric brand name for PCB-containing oil, and both were manufactured during the 1956-1960 timeframe. PCB use was prevalent during that time.

2. These transformers were labeled as filled with Non-PCB fluid in accordance with the 40 CFR 761 Regulations.

Table 1 - Electrical Transformer Survey

																$\overline{}$
Fit For Re-use Y/N	Yes	Yes	Yes	Yes	Yes	Yes	N _o	Yes		Yes	Yes	Yes	Yes	No	No	No
Leaks Yes/No	No	No	Ño	No	No	No	No	No		No	No	No	No	Yes	No	No
Transformer Status Active/Inactive	Active	Active	Active	Active	Active	Active	Inactive	Active		Active	Active	Active	Active	Inactive	Inactive	Inactive
Label Type PCB/Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB		Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB
PCB Contam. Result (ppm)		<5	\$	<5	<9.2	ND	transformer)	27		27	<8.7		<11.6	24	<7.3	<9.5
Sample Date/No.	See Note 2	12/11/95 / PT4P	12/11/95 / PTSP	12/11/95 / PT6P	12/11/95 / PT13P	4/23/05 / 21	(Non-PCB dry cell	12/13/95 / PT34P		12/13/95 / PT35P	12/13/95 / PT36P	See Note 2	12/13/95 / PT43P	12/13/95 / PT42P	12/13/95 / PT39P	12/13/95 / PT40P
Location	Bldg. 322 East, Pole-mounted transformer	Bldg. 351 South, Pole-mounted transformer	Bldg. 351 South, Pole-mounted transformer	Bldg. 351 South, Pole-mounted transformer	Bldg. 380 Southwest, Pole-mounted transformer	Bldg. 480 Northwest, Pole-mounted transformer Not previously reported	Bldg. 506 Inside, Ground-mounted transformer	Bldg. 171 Southeast, Pole-mounted transformer	Numbers not assigned	Bldg. 173 North, Pole-mounted transformer	Bldg. 173 North, Pole-mounted transformer	Bidg. 173 North, Pole-mounted transformer Not previously reported	Bldg. 229 North, Pole-mounted transformer	Bldg. 229 West, Pole-mounted transformer	Bldg. 269 Southeast, Pole-mounted transformer	Bldg. 269 Southeast, Pole-mounted transformer
Z.	16	17	18	19	20	21	22	23	24-32	33	34	35	36	37	38	39

Note: 2. These transformers were labeled as filled with Non-PCB fluid in accordance with the 40 CFR 761 Regulations.

Table 1 - Electrical Transformer Survey

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Fit For Re-use Yes/No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	SəX	Yes	Yes
Leaks Yes/No	No	No	No	No	No	No	No	No	No	Yes	No	Yes	No	No	No
Transformer Status Active/Inactive	Inactive	Active	Active	Active	Active	Active	Active	Active	Active	Inactive	Inactive	Active	Active	Active	Active
Label Type PCB/Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB
PCB Contam. Result (ppm)	<12.3	\$	<5	\$	22	39				<5	150	ND	QN.		
Sample Date/No.	12/13/95 / PT41P	12/12/95 / PT28P	12/12/95 / PT29P	12/12/95 / PT30P	12/12/95 / PT32P	12/12/95 / PT31P	See Note 2	See Note 2	See Note 2	12/12/95 / PT27P	12/12/95 / PT33P	4/23/05 / 51	4/23/05 / 52	See Note 2	See Note 2
Location	Bldg. 269 Southeast, Pole-mounted transformer	Bldg. 273 North, Pole-mounted transformer	Bldg. 273 West, Pole-mounted transformer	Bldg. 285 West, Pole-mounted transformer Not previously reported	Bldg. 285 West, Pole-mounted transformer Not previously reported	Bldg. 285 West, Pole-mounted transformer Not previously reported	Bldg. 286 Northwest, Pole-mounted transformer	Bldg. 434 Southwest, Pole-mounted transformer	Bldg. 464 Southeast, Pole-mounted transformer	Bldg. 434 Southeast, Pole-mounted transformer Not previously reported	Bldg. 404 Southeast, Pole-mounted transformer Not previously reported	Bldg. 404 South, Pole-mounted transformer Not previously reported			
No.	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54

Note:
2. These transformers were labeled as filled with Non-PCB fluid in accordance with the 40 CFR 761 Regulations.

Table 1 - Electrical Transformer Survey

Fit For Re-use Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes				
Leaks Yes/No	s N	No	No	No	No	No	No	No				
Transformer Status Active/Inactive	Active	Active	Active	Active	Active	Active	Active	Active				
Label Type PCB/Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	Non-PCB	PCB				
PCB Contam. Result (ppm)					\$	<5	<>	98				
Sample Date/No.	See Note 2	See Note 2	See Note 2	See Note 2	12/11/95 / PT16P	12/11/95 / PT17P	12/11/95 / PT18P	12/11/95 / PT15P				
Location	Bldg. 404 South, Pole-mounted transformer Not previously reported	Bldg. 464 Southwest, Pole-mounted transformer Not previously reported	Bldg. 464 Southwest, Pole-mounted transformer Not previously reported	Bldg. 273 Southwest, Pole-mounted transformer Not previously reported	Bldg. 464 Southeast, Pole-mounted transformer	Bldg. 464Southeast, Pole-mounted transformer	Bldg. 464 Southeast, Pole-mounted transformer	Bldg. 474 Southwest, Pole-mounted transformer				
No.	55	56	57	58	65	09	61	62				

Note:
2. These transformers were labeled as filled with Non-PCB fluid in accordance with the 40 CFR 761 Regulations.

ATTACHMENT 1

Project Daily Reports

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ECG INDUSTRIES, INC. DAILY LOG Date: Weather Work Performed Today: Temp. **Safety Meeting** Trade Contractors Company/Wk Prime Site **Environmental Sub** Concrete Cement Masons Electricians Mechanical Plumbing Problems - Delays: Security Inspector: **Sub-Contractor Progress: Notices Received** Number Company 8am - 3.30 pm Owner Assignments: **Transmittal**

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RFI Received Number C.O. Rec'd Number

Day Saturday April 23, 2005 **DAILY LOG** Weather Work Performed Today: · Perform outside transformer Suney. Temp. Safety Meeting Enclave Transformers **Trade Contractors** Company/Wk ECGIndustries Prime Site **Environmental Sub** Concrete Cement Masons ECR Plate Electrical Electricians Mechanical Plumbing Problems - Delays: Security None Inspector: Sub-Contractor Progress: **Notices Received** Company Number Transmittal Number Date

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ATTACHMENT 2

Entry Requirements Forms

ENTRY REQUIREMENTS

Building 432, Camp Pedricktown, New Jersey

A. INTRODUCTION

This document presents the minimum requirements for entry into Building 432 at Camp Pedricktown, New Jersey and identifies potential hazards associated with short-term occupancy of the building. All individuals entering Building 432 are required to comply with these entry requirements and are responsible for providing for their own safety, including providing for their medical clearance, training, safety equipment, personal protective equipment, and waste disposal in accordance with applicable Federal, state, and local laws and regulations.

B. BACKGROUND

Building 432 is an approximately 35,000 square foot structure built in 1959 as an Air Defense Command Center. The building is a "hardened structure" with 16-inch thick concrete walls, no windows, four entrances, and one warehouse bay door. The structure has two stories: a ground floor and a basement that is accessible through floor panels. The building and its associated facilities were designed to be self-sufficient with its own electric and water supplies. Building 432 is enclosed within a locked fence and is located within the Base Realignment and Closure (BRAC) portion of Camp Pedricktown. The building has reportedly been unoccupied for over fifteen years and utility (electric and water) service has been discontinued.

C. AIR QUALITY AND SAFETY SURVEY

An indoor air quality and safety survey has been conducted to identify potential environmental and safety hazards associated with the short-term occupancy (less than 8 consecutive hours) of Building 432. The survey results are presented in the Certified Environmental Group, Inc. March 2000 report entitled *Limited Indoor Air Quality and Safety Survey of Building 432, Camp Pedricktown* (the March 2000 Survey Report). Potential hazards identified during the survey include the following:

- 1. Damaged friable asbestos insulation;
- 2. Suspect asbestos debris in various locations throughout the building;
- 3. Evidence of microbiological growth throughout the building;

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- 4. Levels of airborne fungal spores above industry recommended levels (and these levels are expected to rise as temperatures increase);
- 5. Suspect polychlorinated biphenyls (PCBs) in light ballasts, electrical transformers, current interrupters, and on the floor in several areas (due to leaking light ballasts);
- 6. Slip, trip, and fall hazards (e.g., open and unsecured floor panels and low hanging/loose light fixtures);
- 7. Inadequate lighting;
- 8. Lead-based paint; and
- 9. Evidence of previous flooding in the basement and of high humidity levels inside the building.

Additional information on the building's interior is included in the March 2000 Survey Report.

D. MINIMUM ENTRY REQUIREMENTS

Based on the March 2000 Survey Report and inspections by the Fort Monmouth Industrial Hygiene Section Chief and the Fort Dix Director of Safety, the minimum requirements for entry into Building 432 are as follows:

- 1. A hard hat shall be worn at all times inside the building:
- 2. Level C Personal Protection (e.g., respirator with HEPA filter cartridges, gloves, tyvekTM suit, and boot covers) shall be worn at all times inside the building;
- 3. Respirator fit-testing, medical clearance, and training pursuant to 29 CFR 1910;
- 4. Medical clearance for respirator use shall be received within one year prior to entry;
- 5. Asbestos awareness training pursuant to 40 CFR 763;
- 6. Use of portable lighting to fully illuminate all areas occupied including paths of ingress and egress;
- 7. Disposal of all personal protective and related equipment (e.g., tyvek suits and HEPA filter cartridges) as asbestos-contaminated waste in accordance with all applicable Federal, state, and local laws and regulations; and
- 8. All individuals entering Building 432 shall provide the Fort Dix BRAC Environmental Coordinator with a signed original of this document prior to building entry.

Additionally, Building 432 should not be entered by individuals with asthma, hypersensitivity pneumonitis, severe allergies, sinusitis, immune suppression, or other chronic inflammatory lung disease. Additional information on potential safety measures are included in the March 2000 Survey Report. For any additional information on Building 432 and to request access to the building, please contact the Fort Dix BRAC Environmental Coordinator at (609) 562-3050.

E. WAIVER

(full name), intend to enter Building 432 for the purpose of and hereby freely and voluntarily release the United States, its tränsformer Survey agents, servants, and employees from any and all claims, demands, actions, liability, and services of action of any sort for injury sustained (or worsened, either in whole or in part) by me, which may be caused by any conditions, situations, or safety, health, environmental or other concerns that exist in or around Building 432, Camp Pedricktown, New Jersey.

I further agree to indemnify and hold harmless the United States, its agents, servants, and employees against any and all loss, damage, or claim of liability whatsoever, due to personal injury or death or damage to the property of others caused either directly or indirectly by my exercising the privilege of entry into Building 432 by the United States.

I agree to confine my activities on the property to those strictly necessary for the accomplishment of the aforesaid purpose. While on the property, I shall comply with all health, safety, and environmental requirements imposed by law or by Army officials' directives.

F. ACCEPTANCE OF THE MINIMUM ENTRY REQUIREMENTS

I have read and understand this document and the Certified Environmental Group, Inc. March 2000 report entitled Limited Indoor Air Quality and Safety Survey of Building 432, Camp Pedricktown. I will comply with all applicable Federal, state, and local laws and regulations and with the minimum entry requirements identified herei

Name (Printed)

Date

G. **DOCUMENT SUBMITTAL**

Prior to entry, all individuals entering Building 432 are required to submit a signed original of this document to the following address:

US Army Garrison Fort Dix

Regional Directorate of Public Works ATTN: AFRC-FA-PWN (Paul Fluck)

Building 5317

Fort Dix, New Jersey 08640-5501

Phone: (609) 562-3050

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I, Fampling (full name), intend to enter Building 432 for the purpose of and hereby freely and voluntarily release the United States, its agents, servants, and employees from any and all claims, demands, actions, liability, and services of action of any sort for injury sustained (or worsened, either in whole or in part) by me, which may be caused by any conditions, situations, or safety, health, environmental or other concerns that exist in or around Building 432, Camp Pedricktown, New Jersey.

I further agree to indemnify and hold harmless the United States, its agents, servants, and employees against any and all loss, damage, or claim of liability whatsoever, due to personal injury or death or damage to the property of others caused either directly or indirectly by my exercising the privilege of entry into Building 432 by the United States.

I agree to confine my activities on the property to those strictly necessary for the accomplishment of the aforesaid purpose. While on the property, I shall comply with all health, safety, and environmental requirements imposed by law or by Army officials' directives.

F. ACCEPTANCE OF THE MINIMUM ENTRY REQUIREMENTS

Garl Both

I have read and understand this document and the Certified Environmental Group, Inc. March 2000 report entitled *Limited Indoor Air Quality and Safety Survey of Building 432, Camp Pedricktown*. I will comply with all applicable Federal, state, and local laws and regulations and with the minimum entry requirements identified herein.

Paul Bostic

Name (Printed)

Signature

Date

G. DOCUMENT SUBMITTAL

Prior to entry, all individuals entering Building 432 are required to submit a signed original of this document to the following address:

US Army Garrison Fort Dix

Regional Directorate of Public Works

ATTN: AFRC-FA-PWN (Paul Fluck)

Building 5317

Fort Dix, New Jersey 08640-5501

Phone: (609) 562-3050

E. WAIVER

I, Jack Plate (full name), intend to enter Building 432 for the purpose of and hereby freely and voluntarily release the United States, its agents, servants, and employees from any and all claims, demands, actions, liability, and services of action of any sort for injury sustained (or worsened, either in whole or in part) by me, which may be caused by any conditions, situations, or safety, health, environmental or other concerns that exist in or around Building 432, Camp Pedricktown, New Jersey.

I further agree to indemnify and hold harmless the United States, its agents, servants, and employees against any and all loss, damage, or claim of liability whatsoever, due to personal injury or death or damage to the property of others caused either directly or indirectly by my exercising the privilege of entry into Building 432 by the United States.

I agree to confine my activities on the property to those strictly necessary for the accomplishment of the aforesaid purpose. While on the property, I shall comply with all health, safety, and environmental requirements imposed by law or by Army officials' directives.

F. ACCEPTANCE OF THE MINIMUM ENTRY REQUIREMENTS

I have read and understand this document and the Certified Environmental Group, Inc. March 2000 report entitled *Limited Indoor Air Quality and Safety Survey of Building 432, Camp Pedricktown*. I will comply with all applicable Federal, state, and local laws and regulations and with the minimum entry requirements identified herein.

JACK PLALE

Name (Printed)

Signature

Date

G. DOCUMENT SUBMITTAL

Prior to entry, all individuals entering Building 432 are required to submit a signed original of this document to the following address:

US Army Garrison Fort Dix

Regional Directorate of Public Works

ATTN: AFRC-FA-PWN (Paul Fluck)

Building 5317

Fort Dix, New Jersey 08640-5501

Phone: (609) 562-3050

E. WAIVER

I, <u>ILMS SATIRATHWAITS</u> (full name), intend to enter Building 432 for the purpose of and hereby freely and voluntarily release the United States, its agents, servants, and employees from any and all claims, demands, actions, liability, and services of action of any sort for injury sustained (or worsened, either in whole or in part) by me, which may be caused by any conditions, situations, or safety, health, environmental or other concerns that exist in or around Building 432, Camp Pédricktown, New Jersey.

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KNIS SATTENTHWAITZ

Name (Printed)

Signature

Date

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US Army Garrison Fort Dix

Regional Directorate of Public Works

ATTN: AFRC-FA-PWN (Paul Fluck)

Building 5317

Fort Dix, New Jersey 08640-5501

E .	W	AT	VI	\mathbf{R}

I, Kevin Molle (full name), intend to enter Building 432 for the purpose of and hereby freely and voluntarily release the United States, its agents, servants, and employees from any and all claims, demands, actions, liability, and services of action of any sort for injury sustained (or worsened, either in whole or in part) by me, which may be caused by any conditions, situations, or safety, health, environmental or other concerns that exist in or around Building 432, Camp Pedricktown, New Jersey.

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Name (Printed)

Signature

Date

G. DOCUMENT SUBMITTAL

Kevin Koller

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US Army Garrison Fort Dix

Regional Directorate of Public Works

ATTN: AFRC-FA-PWN (Paul Fluck)

Building 5317

Fort Dix, New Jersey 08640-5501

E. WAIVER

I, Depley Cogene Szymanski (full name), intend to enter Building 432 for the purpose of transfermer removal and hereby freely and voluntarily release the United States, its agents, servants, and employees from any and all claims, demands, actions, liability, and services of action of any sort for injury sustained (or worsened, either in whole or in part) by me, which may be caused by any conditions, situations, or safety, health, environmental or other concerns that exist in or around Building 432, Camp Pedricktown, New Jersey.

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Name (Printed)

Signature

5-14-0

Date

G. DOCUMENT SUBMITTAL

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US Army Garrison Fort Dix

Regional Directorate of Public Works

ATTN: AFRC-FA-PWN (Paul Fluck)

Building 5317

Fort Dix, New Jersey 08640-5501

E. WAIVER

I, <u>Fred R. Jock</u> (full name), intend to enter Building 432 for the purpose of <u>Tran Former Removal</u> and hereby freely and voluntarily release the United States, its agents, servants, and employees from any and all claims, demands, actions, liability, and services of action of any sort for injury sustained (or worsened, either in whole or in part) by me, which may be caused by any conditions, situations, or safety, health, environmental or other concerns that exist in or around Building 432, Camp Pedricktown, New Jersey.

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Fred Rindock Sol

5-18-05

Name (Printed)

Signature

Date

G. DOCUMENT SUBMITTAL

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US Army Garrison Fort Dix

Regional Directorate of Public Works

ATTN: AFRC-FA-PWN (Paul Fluck)

Building 5317

Fort Dix, New Jersey 08640-5501

E.	AΓ	

(full name), intend to enter Building 432 for the purpose of and hereby freely and voluntarily release the United States, its agents, servants, and employees from any and all claims, demands, actions, liability, and services of action of any sort for injury sustained (or worsened, either in whole or in part) by me, which may be caused by any conditions, situations, or safety, health, environmental or other concerns that exist in or around Building 432, Camp Pedricktown, New Jersey.

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Jerry Brown

Name (Printed)

Signature

5-18-05

G. DOCUMENT SUBMITTAL

Prior to entry, all individuals entering Building 432 are required to submit a signed original of this document to the following address:

US Army Garrison Fort Dix

Regional Directorate of Public Works

ATTN: AFRC-FA-PWN (Paul Fluck)

Building 5317

Fort Dix, New Jersey 08640-5501

E. WAIVER

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Name (Printed)

De CHOUNG

Signature

Date

G. DOCUMENT SUBMITTAL

Prior to entry, all individuals entering Building 432 are required to submit a signed original of this document to the following address:

US Army Garrison Fort Dix

Regional Directorate of Public Works

ATTN: AFRC-FA-PWN (Paul Fluck)

Building 5317

Fort Dix, New Jersey 08640-5501

ATTACHMENT 3

Disposal Documentation

05/31/2005 02:09

6103580463

Ø 001

INVOICE #410 DATE:5-27-05

AMERICAN SCRAP METAL, INC.

1062 BETHEL RD. BOOTHWYN, PA 19061 610-358-9682

TO: S.C.E. Env.

5-16-05 5-18-05 5-23-05 5-25-05	1-30 yard container deliverd 1-30 yd switch net weight 5040lbs. 1-30 yd switch net weight 5920lbs. 1-30 yd pulled net weight 7140lbs.	
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STRAIGHT BILL OF LADING ORIGINAL - NOT NEGOTIABLE

NJ 621009006 Shipper No. NJ7860000100 JW

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Alle	ntown,	PA 18103			Fort Dix, NJ C	8640-5501		
Phone (610	797-	7608		24 hr. Em	ergency Contact Te	l. No. (800) 652	-4400	
Route						Vehicle Number		
No. of Units & Container Type	НМ	Identification Num	BASSC DESCRIPTION Proper Shipping Name, Hazard Class, nber (UN or NA), Padding Group, per 172.10	01, 172. 20 2, 172	TOTAL QUANTITY (Weight, Volume, 203 Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
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5 cr	·	_	d Material, Fluorescent Teste, Non RCRA / Non DOT	ubes 4ft.,	DI 115 %	400		
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		Site address Pedricktown,	: Camp Pedricktown Route NJ 08067	130,				
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ATTENTION SHIPPERSI

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT

STRAIGHT BILL OF LADING ORIGINAL NOT NEGOTIABLE

NJ 6210096068 Shipper No. NS 6210096068 Carrier No. NS 6210096068

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Page_1 of_		a males - my	(Name of Cerrier)		(SCAC)			· ·
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				i .	Fort Dix, MJ 0	8640-5501		
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AERC RECYCLING SOLUTIONS

CERTIFICATE OF RECYCLING

Issued To:

US Army Garrison Fort Dix

5317 Synder Lane

Fort Dix, NJ

08640

Document No.: 89959

Receive Date: 6/10/05

Process Date:

6/1705

Description of Waste: Fluorescent Lamps Destined for Recycling

AERC.com, INC. (dba AERC Recycling Solutions) certifies acceptance of the material referenced on this document. The material has been recycled in accordance with United States Environmental Protection Agency and Commonwealth of Pennsylvania Department of Environmental Protection waste management regulations.



I certify that the information contained in or accompanying this document is true, accurate and complete as to the identification of the materials received from the waste generating company and the processing of the waste in accordance with United States Environmental Protection Agency and Commonwealth of Pennsylvania Department of Environmental Protection waste management regulations.

Name:

Doris L. Farley

__Title: <u>Dir. Regulatory Affairs</u>

Signatura

24) 106 FEVE GREY

Date: July 26, 2005

2591 Mitchell Avenue - Allentown, PA 18103

Tel: 610.797.7608

Fax: 610.797.7696

http://www.aercrecycling.com



AERC RECYCLING SOLUTIONS

CERTIFICATE OF PROCESS

Issued To:

US Army Garrison Fort Dix

5317 Synder Lane

Fort Dix. NJ

08640

Document No.: 89959

Receive Date: 6/10/05

Process Date:

6/15/05

Description of Waste: RQ, Polychlorinated biphenyls, solid

AERC.com, INC. (dba AERC Recycling Solutions) certifies acceptance of the material referenced on this document. The material has been managed in accordance with United States Environmental Protection Agency and Commonwealth of Pennsylvania Department of Environmental Protection waste management regulations.



I certify that the information contained in or accompanying this document is true, accurate and complete as to the identification of the materials received from the waste generating company and the management of the waste in accordance with United States Environmental Protection Agency and Commonwealth of Pennsylvania Department of Environmental Protection waste management regulations.

Name:

Doris L. Farley

Title: Dir. Regulatory Affairs

Signature:

Date: July 26, 2005

NON-HAZARDOUS WASTE MANIFEST

Plea	se print or type (Form designed for use on elite	(12 pitch) typewriter)					
	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No	NT 6 2 100 90068	-	Manifest Document No.	5 2 5 5	2. Page 1
	3. Generator's Name and Mailing Address US Army Garrison Fort [5317 Synder Lane	·	FA-PWN				
	Fort Dix, NJ 08640-5503	L 599	à				
	5. Transporter 1 Company Name	6.	US EPA ID Number		A. State Transp	porter's ID FARHO	6 80
	TIER DE, Inc.	р	AR000043	752	B. Transporter	(+1+)	442-4400
	7. Transporter 2 Company Name	8. I	US EPA ID Number		C. State Transporter		
	Fldredge, Tnc. 9. Designated Facility Name and Site Address	10.	A D 0 1 4 1 4 6 US EPA ID Number	179	E. State Facility	(6±∀)	436-4749
	VEXOR Technology, Inc.						
	955 West Smith Road	· · · · · · · · · · · · · · · · · · ·			F. Facility's Ph		:
	Medina, OH 44256		HD077772		ntainers	(330) 721-97	14.
	, , , , , , , , , , , , , , , , , , ,			No.	Туре	Total Quantity	Unit Wt.,'Vo\.
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R	d.						
	G. Additional Descriptions for Materials Listed Ab				H. Handling Co	odes for Wastes Listed Abov	e :
	a) VEX1063 _disposal fa	cility authoriz	ation no.				
	b) PPE: Personal Prot (etc)	ective Equipmen	it (gloves, tyvek	suits			
	15. Special Handling Instructions and Additional la	nformation			L		
	Site address: Camp Ped 24 Hour Emergency # 80		130, Pedricktown,	NJ O	8067		
	16. GENERATOR'S CERTIFICATION: I hereby of in proper condition for transport. The materials	ertify that the contents of this ship	ment are fully and accurately described	d and are in	all respects		
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T	17. Transporter 1 Acknowledgement of Receipt of						Date
THE TOPORTURE	Printed Typed Name YORK S. Kowal	sKu	John J.	lum	Y	Mor Ċ(
Q Q	18. Transporter ? Acknowledgement of Receipt of						Date
THE E	Printed/Typed Name		Signature			Mor	ith Day Year
FAC	19. Discrepancy Indication Space						
1	20. Facility Owner or Operator; Certification of rec	eipt of the waste materials covered	d by this manifest, except as noted in it	tem 19.			
1							Date
T	Printed/Typed Name		Signature			Mor	ath Day Year

[Form designed for use on eithe (12 pitch) (uppermit	ZARDOUS WASTE N				
JON-HAZARDOUS 1. Generator's WASTE MANIFEST	USEPAID NO. NOT 6 21009 006 B		Manifest Document No. 0	5 2 5 5	2. Page 1
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5317 Synder Lane					
Fort Dix. 81 06640-8501 4. Generators Phone (2:503) 562-3699 5. Transporder Company Name	6. US EPA ID Number		A. State Transp	orter's ID PARH	•
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Fishers, Inc.	10. US EPA ID Number	6179	D. Transporter E. State Facility		<u>n) 436-474</u>
o Designated Facility Name and Site Address	10,				
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G. Additional Descriptions for Malerials Listed Above			H. Handling C	odes for Wastes Listed A	bave
G. Additional Descriptions for Materials Listed Above	outhorization no.		H. Handling C	odes for Wastes Listed A	bave
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a) VIX1063_disposal facility a b) PPE: Personal Protective E (etc) 15. Special Handling Instructions and Additional Information Site address: Camp Fedricktown	Equipment (gloves, tyve Route 130, Pedricktow 100	aī, 14J 0	8067	odes for Wastes Listed A	
a. Additional Descriptions for Materials Listed Above a. VIX1063_disposal facility a b.) PPE: Personal Protective E (etc) 15. Special Handling Instructions and Additional Information Site address: Camp Fedricktown 24 Hour Exergency # 800-652-44 18. GENERATOR'S CENTIFICATION: I hereby carrily that the confine proper condition for transport. The materials described on this	Route 138, Pedricktow 100	aī, 14J 0	8067	, , , , , , , , , , , , , , , , , , ,	Date
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G. Additional Descriptions for Materials Listed Above a) VIX1063_disposal facility a b) PPE: Personal Protective F (etc) 15. Special Handling instructions and Additional Information Site address: Camp Pedricktown 24 Hour Emergency \$ 800-652-44 18. GENERATOR'S DERTIFICATION: I handby certify that the confin proper condition for transport. The majerials described on this Printed/Typed Name 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials	Route 130, Pedricktown 100 tents of tria shipment are fully and accurately describe manifest are not subject to federal hazardous was Signature	and, MJ 0 critical and are in stee regulations.	80.67 all respects		Date Month Day Date Month Day Date Aponin Day Date
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VEXOR Technology, Inc. CERTIFICATE OF DISPOSAL

US Army Garrison Fort Dix Fort Dix, NJ Generator:

Manifest:

05255

21337 Work Order#:

Date Received:

June 13, 2005

Date

Lisa M. Toth, Operation Coordinator

CERTIFIED BY:

• ;		1					
	Emergency Con	tact Telephone Nun	nber	e i d			
	UNIFORM HAZARDOUS 1. Generator's US EPA IC WASTE MANIFEST 1. Generator's US EPA IC M 1. Generator's US EPA IC	:9:0:0 9 3 OPG	anifest Iment No.	2. Page 1	Information in t not required by	Federal lav	
A	3. Generator's Name and Mailing Address L1 S Army Garriso 5317 Sayder Larte Fort Div. N. J. 056 4. Generator's Phone (609 562-372) Arm			3 State Ger	ifest Document 1	in the Ballon	
	5. Transporter 1 Company Name 6. Clean Harbors Eriv. Services, Inc. W. A.	US EPA ID Number		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	sporter's ID	4/54	trata "
	7. Transporter 2 Company Name 8.	US EPA ID Number	2.23	State Tran Transporte	sporter's ID. r's Phone	(related)	ters d
	9. Designated Facility Name and Site Address 10.	US EPA ID Number		3 State Fac	llity's ID		
	4105 Whitaker Avenue Philadlephia, Pa. 18124 P. A	D 9 8 1 1 1 3	7.49		Phone		e Me
	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and II	D Number)	12. Contai		13. 14 Total Ui	l iit Vol W	nste No. 50
77	a RQ, Polyoblorinated Biphenyls, 9, UN 2315, PG III, Liquid		-	55 M	82 6		,
GHZH	b. Polycillorinated Biphenyls, Liquid (Non D. O. T. Regulated)		4	D w 7	39 Aug	< NOT	
HATO							
H	d. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
	J. Additional Descriptions for Materials Listed Above			A constitution	odes for Wastes	Listed Abov	re
	by L. PCR TNAHERVREEN CERTIFY AND REM		****				
	15. Special Handling Instructions and Additional Information (COO) 43. Date removed from service for disposal: 27 Mi PCE Manifest. In case of spull dike and contain	ay 0.5 Nuder Dec	AFRC-F al # immedi		(4)	4 FM)	
	16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this contents of this contents of the packed, marked, and labeled, and are in all respects in proper condition for transport of I am a large quantity generator, I certify that I have a program in place to redupracticable and that I have selected the practicable method of treatment, storage, and the environment; OR, if I am a small quantity generator, I have made a good available to me and that I can afford.	ort by highway according to a uce the volume and toxicity of , or disposal currently available	pplicable inter f waste genera le to me which	national and nated to the de minimizes the	ational governmen gree I have detern present and futur	tal regulation lined to be e e threat to h	ns. conomically uman health
V	Printed/Typed Name	Signature	# 1	Polin	itt	Month Dell	Day Year
一定人之の中の	17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials	Signature			an i	Month 0 6 /	Day, Year 1 1/25
Ř	Printed/Typed Name	Signature				Month	Day Year
FAC-	19. Discrepancy Indication Space			And the second of the second o			
LITV	20. Facility Owner or Operator: Certification of receipt of hazardous materials of	covered by this manifest exc	cept as noted	in Item 19.	e, jednosta stati esta Marko, Arco esta stati		i distribitation State of State State of State
1	Printed/Typed Name	Signature				Month	Day Year

	ō.	Emergency Contact Telephone Nur	mber
	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. Doot N. J. 6. 2 1. 0. 0. 9. 0. 0. 6. 800. 0	Agnifest ument No. of Information in the shaded areas is not required by Federal law.
1	3. Generator's Name and Malling Address	U. S. Army Garrison Fort Dix 5317 Snyder Lane	A State Manifest Document Number
	4. Generator's Phone (609 562 -3	Fort Dix, N. J. 08640 721 Attn: Ginny Weller	Rouge 130 Pedricktown Rouge 130 Pedricktown, NJ 08067
	5. Transporter 1 Company Name Clean Harbors Env. Services		2 2 5 0 pt. Three by the part (181) 849-1800
	7. Transporter 2 Company Name	8. US EPA ID Number	
	9. Designated Facility Name and Site Address Clean Harbors PPM LLC 4105 Whitaker Avenue	10. US EPA ID Number	
	Philadlephia, Pa. 19124	PAD981113	3.7.4.9
	11. US DOT Description (Including Proper Shipping	Name, Hazard Class, and ID Number)	12. Containers 13. 14. Unit No. Type Quantity Wt/Vol Wests No.
	a. RQ, Polychlorinate UN 2315, PG III, Liq		5582 K
- GEZER	Polychlorinated Bir (Non D. O. T. Regul	 .	739 K
A	c .		The same of the sa
O R	Polychlorinated Bip (Non D. O. T. Regul	- · ·	0.0.3 . 0.1.3.1.5 x 161
	Polychlorinated Bip	= · · · · · · · · · · · · · · · · · · ·	403 . 0.1.851
	J. Additional Deportment of Marchine Information of Party Property of the Party of		Printing Couses to a wideling thinked and the
	15. Special Handlins Jostsuctions and Additional Inf ERG \$171 24 Hour emergent Date removed from service	ormalon cy phone #(800) 483-3718 Attn for disposal: 27 MAY 05 NJDEP De ill dike and contain. Notify generato	
	packed, marked, and labeled, and are in all respect If I am a large quantity generator, I certify that I ha	s in proper condition for transport by highway according to a ave a program in place to reduce the volume and toxicity o	curately described above by proper shipping name and are classified, applicable international and riational governmental regulations. of waste generated to the degree I have determined to be economically be to me which minimizes the present and future threat to human health
			waste generation and select the best waste menagement method that is Month Day Year
¥ Ţ	17. Transporter 1 Acknowledgement of Receipt of N	the - Kanne	Mr. Jmilk 06/17/05
TRANSPORTER	Printed/Typed Name GREG BVILEL Atex Caulder	GB 6-17-05 Signature	> Month Day Year 0.6 1.7 0.5
ORTER	18. Transporter 2 Acknowledgement of Receipt of N Printed/Typed Name	Signature	Monih Day Year
FACT	19. Discrepancy Indication Space RECEIV ALICE FAULKS VIM F.	ED 119) 8636 KG, 116)65 AX 6/23/05 ©	KG RECONCICED WITH
LITY	20. Facility Owner or Operator: Certification of rece	pipt of hazardous materials covered by this manifest exc	cept as noted in Item 19.
Y	Printer/Typed Name TYRONE CLEMMON	Signature	Month Day Year 0.6/7/0.5
	•	ORIGINAL - RETURN TO GENERAT	rop

CLEAN HARBORS CERTIFICATES OF DISPOSAL

ATTACHMENT 4

Laboratory Analysis Results

THE WASHINGTON GROUP ENVIRONMENTAL SERVICES LABORATORY

301 Chelsea Parkway Boothwyn, Pa. 19061 (610) 497-8000

Report For:

Tier (Pedricktown) Mr. Kris Satterthwaite 5745 Lincoln Hwy. Gap PA 17527

Job Number

75703652

Summary Number

87533

April 27, 2005

Reviewed by_

Project Manager Elizabeth Witouski

NJ ID# PA343 NY ID# 11345 EPA ID# PA00078 MD ID# 286 CT ID# PH0687 PA ID# 23-272 MA ID# M-PA078

touski 5/17/05

The results contained in this report relate only to the tested samples, as received by the laboratory. This report must not be reproduced, except in full, without the written approval of the laboratory.

The Washington Group International Environmental Services Laboratory Data Summary Summary # 87533 Printed - 04/27/05 08:23:13

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Log	Description	Code	Parameter	ter	Result	Limit	Units	Sampled	Started	Complete	Analyst
350826	2#	6140	Aroctor	1016	£	~	שיים של הלו	30067 267 70	3000/30/70	3000/ 30/ 70	
350935		0/50	4000	1224) (1	7	04/23/2007	7,727,500	04/27/200	7
920000		2	ALOCIOL	1771	2	n	mg/kg as rcvd	04/52/5002	04/52/5005	04/25/5005	JDP
350826	2#	6140	Aroctor	1232	S.	ĸ	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JOP
350826	L #	6140	Aroclor	1242	S	м	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	AOC
350826	2 #	6140	Aroctor	1248	S	٣	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JDP
350826	47	6140	Aroclor	1254	ON.	٣	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dor
350826	L #	6140	Aroclor	1260	ON	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	AOC
750827	8#	0170	Aronior	1016	S	~	57/ SW	30067 267 70	30007 307 70	1000, 10, 70	
10000		,			2	י ר	יאר אם איראיי	04/63/6003	04/52/5003	04/62/4005	400
350827		6140	Aroclor	1221	2	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JOP
350827		6140	Aroctor	1232	2	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dor
350827		6140	Aroclor	1242	윺	3	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JOP
350827	8 #	6140	Aroctor	1248	2	2	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	- doc
350827		6140	Aroclor	1254		m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JDP
350827	8#	6140	Aroclor	1260	9	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dos
350828	6#	6140	Aroctor	1016	Q	м	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JDP
350828	6 #	6140	Aroclor	1221	S	м	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	ADP
350828		6140	Aroclor	1232	ON.	M	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dor
350828		6140	Aroclor	1242	2	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JOP
350828	6#	6140	Aroclor	1248	ON.	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	
350828		6140	Aroclor	1254	2	M	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dar
350828	6#	6140	Aroctor	1260	S	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JOP
350820	- F	0,150	2010014	1016	ş	•		מטכרי צבי יט	1000	1	
350820		0719	Arorior	1221	2 5	o 4	שליאל מס עליש	5002/52/50	5000/50/70	04/20/2003	, T ;
350830		0,17	0 0 0 0 0	1323	2 9	• •	DATE OF BUILDING	5002/53/50	04/20/2003	04/20/2002	a a
22005		9	Aractor	252	Z	o	mg/kg as rcvd	04/23/2005	04/56/5005	04/26/2005	JDP
350829		6140	Aroclor	1242	2	9	mg/kg as rcvd	04/23/2005	04/26/2005	04/26/2005	JDP
350829		6140	Aroclor.	1248	2	9	mg/kg as rcvd	04/23/2005	04/26/2005	04/26/2005	JOP
350829	#10	6140	Aroclor	1254	₽	9	mg/kg as rcvd	04/23/2005	04/26/2005	04/26/2005	dar
350829	#10	6140	Aroctor	1260	160	9	mg/kg as rcvd	04/23/2005	04/26/2005	04/26/2005	ADP
1		,	•			1					
350830	#11	6140	Aroctor	1016	2	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dar

The Washington Group International Environmental Services Laboratory Data Summary Summary # 87533 Printed - 04/27/05 08:23:13

Log	Description	Code	Parameter	ter	Result	Limit	Units	Sampled	Started	Complete	Analyst
350830	#11	6140	Aroclor	1221	QN	~	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	au
350830	#11	6140	Aroclor	1232	Q	m	S	04/23/2005	04/25/2005	04/25/2005	3 0
350830	#11	G140	Aroclor	1242	9	M	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	g e
350830	#11	6140	Aroclor	1248	ON.	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	au
350830	#11	6140	Aroclor	1254	S	m	Se	04/23/2005	04/25/2005	04/25/2005	a di
350830	#11	6140	Aroclor	1260	30	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	d d
350831	#12	6140	Aroclor	1016	Q	M	mg/kg as rcvd	04/23/2005	04/25/2005	5006756770	g
350831	#12	6140	Aroclor	1221	2	m	as	04/23/2005	04/25/2005	04/25/2005	5 5
350831	#12	6140	Aroclor	1232	S	M	S	04/23/2005	04/25/2005	04/27/2005	ב ב
350831	#12	6140	Aroclor	1242	Ş	m	S	04/23/2005	04/25/2005	04/25/2005	Š
350831	#12	6140	Aroclor	1248	Ş	m	as	04/23/2005	04/25/2005	04/25/2005	, a
350831	#12	6140	Aroclor	1254	2	m	as	04/23/2005	04/25/2005	04/25/2005	5
350831	#12	6140	Aroclor	1260	QN	M	as	04/23/2005	04/25/2005	04/25/2005	age d
350832	#13	6140	Aroclor	1016	QX	M	ma/kg as rood	5002/22/70	10672573005	3006736770	ģ
350832	#13	6140	Aroclor	1221	QN	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/23/2003	4
350832	#13	6140	Aroclor	1232	Q.	~		002/22/70	2002/22/20 0//32/300E	04/27/2002	ָבָר נָ בַּרְי
350832	#13	6140	Aroclor	1242	9 52	א ו	9 4	04/23/2003	04/25/2005	04/25/2005	dor !
350832	#13	6140	Aroclor	1248	: <u>S</u>	א ו	3 6	002/52/70	5002/52/50	04/22/2005	dQF
350832	#13	6140	Aroctor	1254	9 5	, ,	3 6	04/23/2003	04/22/2002	04/52/5005	405
350832	**************************************	6140	Aroctor	1240	2 9	י ר	9	04/23/2002	04/25/2005	04/25/2005	40F
להטיני	2) + =	Arociar	0071	Q.	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JDP
350833	#21	6140	Aroclor	1016	QN	m	mg/kg as rcvd	04/23/2005	04/25/2005	5002/52/70	QĽ
350833	#21	G140	Aroclor	1221	Q X	٣	as	04/23/2005	04/25/2005	04/25/2005	, a <u>.</u>
350833	#21	6140	Aroctor	1232	Q	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	aŭ,
350833	#21	6140	Aroclor	1242	OX.	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	aŭ:
350833	#21	6140	Aroclor	1248	O _X	м	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dQF
350833	#21	6140	Aroclor	1254	Q.	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dor
350833	#21	6140	Aroclor	1260	Q	M	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JOP
350834	#51	6140	Aroclor	1016	2	М	mg/kg as rcvd	04/23/2005	5002/52/70	5006/56/70	<u>ac</u>
350834	#51	6140	Aroclor	1221	9	M	Se	04/23/2005	06/25/2005	04,257,2005	<u> </u>
350834	#51	6140	Aroclor	1232	2	M		04/23/2005	04,725,72005	007/57/50	ָבָּ ק
350834	#51	6140	Aroclor	1242	2	m	, ,	04/23/2005	04/25/2005	04/23/2005	<u>ئ</u> ت
						ı	3	1000 100 100	1003/13/10	04/63/6003	dar

The Washington Group International Environmental Services Laboratory Data Summary Summary # 87533 Printed - 04/27/05 08:23:13

Log	Log Description	Code	Parameter	: e r	Result	Limit	Units	Sampled	Started	Complete	Analyst
350834	#51	6140	Aroclor 1248	1248	QN.	3	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	doc
350834	#51	6140	Aroclor	1254	Ð	M	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	gor
350834	350834 #51	6140	Aroctor 1260	1260	ð	M	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JOP
350835		0140	Aroctor	1016	ą	м	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dur
350835	#52	6140	Aroclor	1221	Q	8	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	ijĢ
350835	#52	6140	Aroclor 1232	1232	Q	٣	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dor
350835		6140	Aroclor	1242	Q	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JOP
350835		6140	Aroclor	1248	2	ы	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	JDP
350835		6140	Aroclor	1254	æ	M	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dQF
350835	#52	6140	Aroclor	1260	QN	m	mg/kg as rcvd	04/23/2005	04/25/2005	04/25/2005	dQr

Approved by:

Report Prep:

THE WASHINGTON GROUP ENVIRONMENTAL LABORATORY

Methods Used for Summary# 87533:

Code	Description

G140	PCBs by GC/EPA SW-846 Method 8082 (PCBs only)

The Washington Group Environmental Laboratory

DATA QUALIFIERS

The following list shows data qualifiers that may appear in this report, and the meaning of each.

Qualifier	Meaning
В	Compound was detected in the associated blank.
D	Result was obtained from a different dilution than other analytes.
E	Result is estimated. Usually, this qualifier indicates that
	the result is above the calibrated range of the instrument
J	Result is estimated. Usually this qualifier indicates the reported
	concentration is below the laboratory's reporting limit.
N	Indicates a Tentatively Identified Compound.
ND	Analyte was not detected.
U	Analyte was not detected (U and ND qualifiers are interchangable).

Results for Methods 624 and/or 625 have been reported with the laboratory's nominal Method Detection Limits*(MDLs) to comply with regulatory guidance. These MDLs are below the method calibration range (below the lowest calibration standard); consequently, results that fall between the low standard and the MDL are flagged "J" (estimated) to indicate that they have more uncertainty than the results within the calibration range of the method.

^{*} MDLs are defined as the minimum concentration that can be measured and reported with 99% confidence that the analyte concentration is greater than zero (40 CFR Part 136, App. B). Laboratory MDLs are theoretical values, statistically determined using reagent water, which may not accurately represent the actual sample matrix. The actual MDL for a given analysis will vary depending on the instrument sensitivity and the actual sample matrix.

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ABBREVIATIONS

The following list shows abbreviations that commonly occur in analytical reports.

Abbreviation	Meaning
DL	Dilution
LCS	Laboratory Control Sample
LCSS	Laboratory Control Sample (soil)
LCSW	Laboratory Control Sample (water)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NR	No Recovery
PB	Preparation Blank
PS	Post-Digestion Spike
RE	Reanalysis
RPD	Relative Percent Difference
SR	Serial Dilution

INTEGRATION FLAGS

The following list shows integration flags that commonly occur in analytical reports. Please contact the laboratory for additional explanation of these flags.

Abbreviation	Meaning
PA	Peak Assignment
SP	Split Peak
MP	Missed Peak
CB	Co-elution Baseline
PΙ	Proper Integration
AE	Analyst Error
OT	Other

xistody sea D V V V 250802 Washington Group Laboratory 2 S S S 350896 Cooler Lab Log No. 301 Chelsea Parkway Boothwyn PA, 19061 3.40 S.5V Phone: 610-497-8000 Lab Use Only Fax: 610-497-6428 Method of Shipment ō rev. 11/21/03 Airbill No. Page_ 45/05 Date: 4 Date: 4/ Ship To: Date 14 Time: P.O. No.: 05-0157 Time: Lab Job No: 3652 TIED DE, INC. ANAL YSIS, REQUIRED Received By Location: PEDRICKTOWN) Send invoice to: PCBS IN OIL から Address: Organization: Organization Boothwyn Laboratory Organiza Chain Of Custody Mame: / Name: Name: Phone: 717 - 442 - 4400 둉 Address: 5745 LINEALL AWY, CAP, DA 17577 Fax: 717-442-6336
TAT (for data):Identity number of "working days" below);...or Date-+ 4/16/05 [24 Hr INT] preservative NPDES NY Other: 11mg 8, 46 Container Data Now NONE Тіте: / 2. "Э Date 24/25 Hardcopy TAT Date?: □ RCRA Offer Time: Date: Date: ė. Results only Data+QC Reduced Deliv. Other:_ Electronic/disk->(Format?) type 402 401 Site: PA Organization: WMSHINGTON CROWN LINGERATORN comp Std.(~12)_ UST | Washington Washington Name: WASHINGTON GROUP DILLUFIR EPA600 drab ILRIS SATTIFICTHMANT X Comments/Special Handling/Storage/Disposal--->: Project Description: ECG-PEDIUCK TOWA Phase I/II matrix 011 210 Sampled by: RICIC DON /KEON ILOLLER Firm(6-12)_____ If YES ?: Act II Regulatory Format (CLP "like") ab Staffer confirming Rush/Firm: Phone no: 717-447-4400
Relinquished By SW846 time Sample Data Client: TIER OR, INC. **4/33/04** 4255 date Rush 1 2 3 4 5 days TYES NO Regulatory Samples? Drinking H2O (NJ limit = 7 characters) RICIC Analytical Protocol: Sample ID Send report To: Report Type: Organization: Onote No. #13 # 0 女女 451 #12 #11 49 Name: Name: Organiz

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Environmental Laboratory

SAMPLE RECEIVING CHECKLIST

2.3 Documentation Airbill Present COC 2.4 Sample Containers Appropriate for specified analyses? Intact? Labeled, and labels legible? Labels agree with COC? 2.5 Preservation (water samples only) Metals Metals, dissolved Cyanides Sulfides PH > 12 Yes No** No**	☐ Not Req. ☐ Not Req. ☐ Not Req. Parcel Svc
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Were preservatives added at upon receipt? Yes* No	1-147A
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nitials:	

ATTACHMENT 5

Project Photo Log



Transformer #1 Building 422



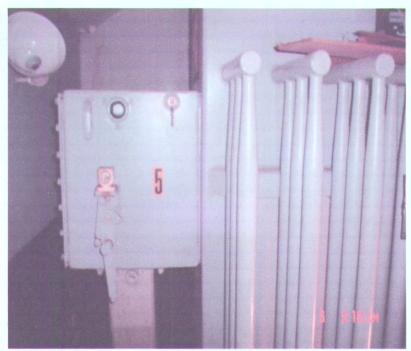
Transformer #2, Building 422



Transformer #3, Building 422



Switch Box #4, Building 422



Transformer #5, Building 432



Transformer # 6, Building 432



Transformer #7, Building 506 South



Transformer #8, Building 506 South



Transformer #9, Building 506 South



Transformer #10, Building 220 Southwest



Transformer #11, Building 190 Northwest



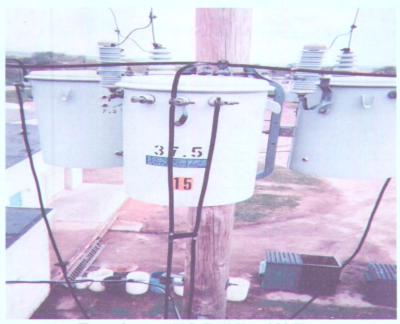
Transformer #12, Building 184 North



Transformer # 13, Building 197 Southwest



Transformer #14, Building 322 East



Transformer #15, Building 322 East



Transformer #16, Building 322 East



Transformer #17, Building 351 South



Transformer #18, Building 351 South



Transformer #19, Building 351 South



Transformer # 20, Building 380 Southwest



Transformer #21, Building 480 Northwest



Transformer #22, Building 506 inside



Transformer #23, Building 171 Southeast



Transformer # 33, Building 173 North



Transformer # 34, Building 173 North



Transformer # 35, Building 173 North



Transformer #36, Building 229 North



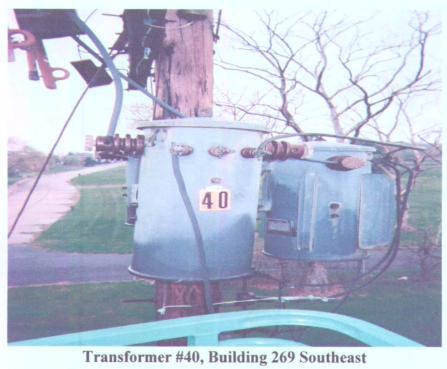
Transformer #37, Building 229 West



Transformer #38, Building 269 Southeast



Transformer #39, Building 269 Southeast





Transformer #41, Building 273 North



Transformer # 42, Building 273 North



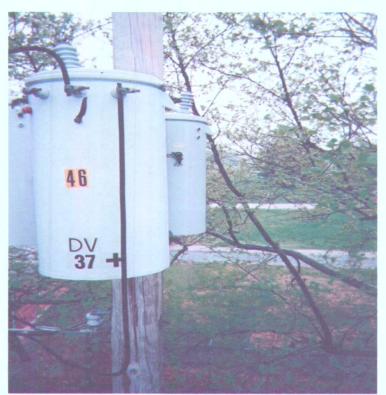
Transformer #43, Building 273 North



Transformer # 44, Building 273 North



Transformer # 45, Building 273 West



Transformer # 46, Building 285 West



Transformer # 47, Building 285 West



Transformer # 48, Building 285 West



Transformer # 49, Building 286 Northwest



Transformer # 50, Building 434 Southwest



Transformer # 51, Building 464 Southwest



Transformer #52, Building 434 Southeast



Transformer # 53, Building 404 Southeast



Transformer # 54, Building 404 South



Transformer # 55, Building 404 South



Transformer #56, Building 464 Southwest



Transformer #57, Building 464 Southwest



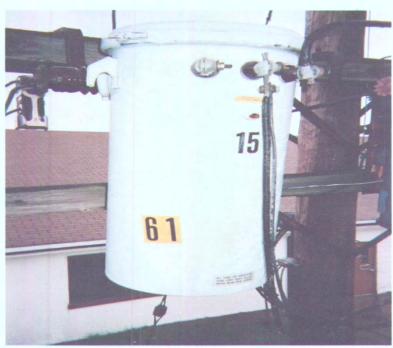
Transformer #58, Building 273 Southwest



Transformer #59, Building 464 Southeast



Transformer #60, Building 464 Southeast



Transformer #61, Building 464 Southeast



Transformer #62, Building 474 Southwest

ATTACHMENT 6

Transformer Pole Location Map