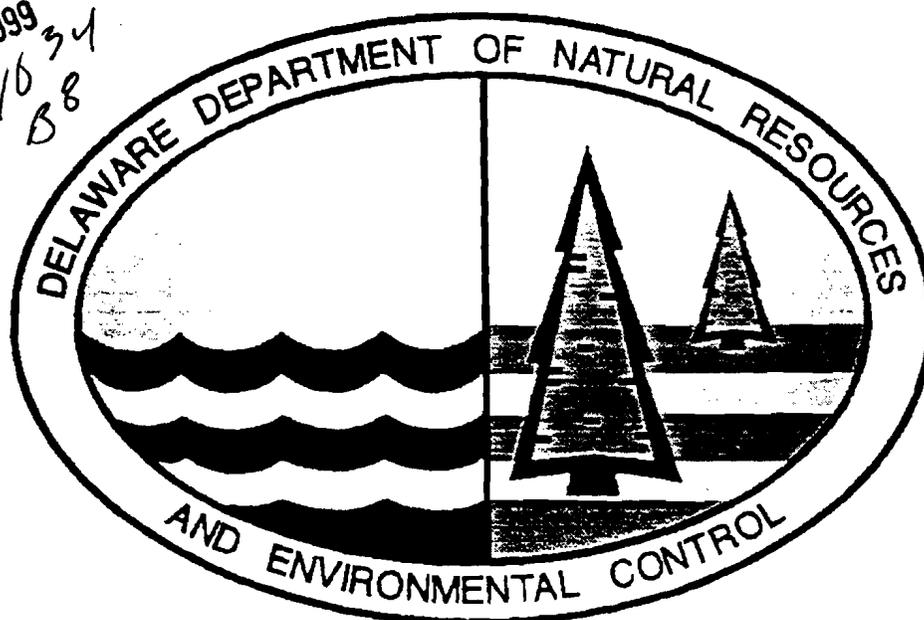


ANCHOR MOTOR FREIGHT SITE
PROPOSED PLAN OF REMEDIAL ACTION

SCANNED
JUL 19 1999
DE 16 34
88



JULY 1996

Department of Natural Resources and Environmental Control
Division of Air and Waste Management
Site Investigation & Restoration Branch

TABLE OF CONTENTS

I. INTRODUCTION	1
II. ORGANIZATION AND CONTENTS OF THE PROPOSED PLAN	1
III. SITE DESCRIPTION AND HISTORY	1
IV. REMEDIAL INVESTIGATION RESULTS	2
V. FACILITY REMEDIAL ACTION OBJECTIVES	2
VI. PROPOSED REMEDIAL ACTION	3
VII. PUBLIC PARTICIPATION	3

LIST OF FIGURES

FIGURE 1	SITE LOCATION MAP
FIGURE 2	SITE BASE MAP
FIGURE 3	SAMPLE LOCATION MAP
FIGURE 4	SAMPLE LOCATION MAP

Anchor Motor Freight Site: Proposed Plan of Remedial Action

I. INTRODUCTION

This Proposed Plan of Remedial Action ("Proposed Plan") is issued under the State of Delaware's Hazardous Substance Cleanup Act, 7 Del. C. Chapter 91 ("HSCA"). The purpose of the Proposed Plan is to present to the public, the Department of Natural Resources and Environmental Control's ("DNREC's") assessments of the site and the action that will be taken by the Department. A public comment period follows the notification of release of the Proposed Plan. At the end of the twenty (20) day comment period, DNREC will review and consider all comments and issue a Final Plan.

The contents of a Proposed Plan are discussed in Subsection 8.7 of the Regulations, Governing Hazardous Substance Cleanup, dated April 1995 ("Regulations"). This Proposed Plan contains a description of the site and a general description of the action to be taken by DNREC. In addition, instructions are provided for directing comments and questions about the Proposed Plan to DNREC.

II. SITE DESCRIPTION AND HISTORY

The Anchor Motor Freight ("AMF") site is located at 788-796 Old Baltimore Pike in Newark, Delaware (Figure 1). The property is approximately 2.5 acres, with two vacant buildings. One is a cement block garage, formerly used to repair engines and the other is a house utilized for office space. The open areas within the property are used to store trailers and tractors. The site is bordered by residential development. The property was purchased by AMF in 1969 and used for major overhauls of engines and transmissions until the mid-1970's. The office building was used for training until 1994.

III. BACKGROUND

A preliminary site investigation was conducted at the AMF site. A report, dated January 11, 1995, documented soil sample results in several areas of the site and identified elevated levels of Total Petroleum Hydrocarbons (TPH) and Lead.

AMF entered into an agreement which is outlined in the Notice of Conciliation Proceedings document dated September 5, 1995.

Based on the information collected during the Preliminary Site Investigation ("PSI"), a Remedial Investigation and Interim Remedial Action was conducted at the AMF site in accordance with the DNREC approved Remedial Action Work Plan (November 9, 1995). Detailed information regarding the Preliminary Site Assessment, Remedial Investigation, and Interim Remedial Action is presented in the reports titled, "Final Report - Remediation Activities at Anchor Motor Freight, Inc., Newark, Delaware" May 14, 1996).

IV. REMEDIAL INVESTIGATION RESULTS

The RI focused on soil sampling and analysis of five areas within the site. Soil sample locations were chosen on the basis of previous investigation data, historical site activities and visually identified stains. Soil sample locations were limited to five areas within the site, identified as the garage area, grease trap area, perforated pipe area, hydraulic lift area, and the grid area. Areas of excavation and sample location are illustrated in Figures 2,3, and 4. A total of thirty (30) soil samples were collected and analyzed for Total Petroleum Hydrocarbons - Diesel Range Organics ("TPH-DRO") and Polynuclear Aromatic Hydrocarbons ("PAH") for all areas. Analysis for total Lead was targeted for specific areas (grease trap area, perforated pipe area, and grid area). Soils collected from the hydraulic lift area were analyzed for TPH and Polychlorinated Bi-phenols ("PCB") only.

Soil cleanup objectives for this site were determined by DNREC and included in the Work Plan with agreement by AMF. The EPA Region III Risk Based Concentration ("RBC") tables for residential soil exposure was adopted in the Work Plan as the cleanup criteria for PAH's and PCB's in soil.

The soil cleanup level for TPH-DRO at the site was set at 1000 parts per million ("ppm") and for lead at 400 ppm for residential applications.

Soil sample results indicated elevated concentrations of TPH-DRO within each of the five areas investigated at the site. Some of these areas indicated elevated concentrations of Lead and only detectable concentrations of PAH's and PCB's.

Upon evaluation of initial sampling data, excavation and removal of contaminated soils was included in the RI as an Interim Response activity. The designated areas of the site with contaminated soil were excavated and subsequently verified by confirmatory soil sampling and DNREC oversight. All reported contaminant constituents in the soils, with elevated concentrations, were removed. The reported results of the confirmatory soil sampling has verified that the Interim Response activities achieved the cleanup goals specified by DNREC.

As part of the RI Work Plan, a groundwater sample was collected from the former on-site domestic water supply well. The sample was analyzed for volatile organic compounds, semi-volatile organic compounds and Priority Pollutants Metals in accordance with DNREC Standard Operating Procedures for Chemical Analytical Programs under HSCA (Revised May, 1995). The reported results indicate no exceedance of the DNREC specified Interim Guidance on Screening Levels for Hazardous Substances (Revised May, 1996). For additional information, please refer the RI report (Final Report - Remedial Activities at Anchor Motor Freight, Inc., Newark, Delaware, May 14, 1996).

V. CONCLUSIONS

Successive investigations identified a limited area of soil contamination on the site. During the RI, site characterization revealed the extent of contamination, initiating an Interim Action Response under DNREC direction. Excavated material was processed on site and removed to an off site facility for treatment and disposal.

Confirmatory soil samples and groundwater samples indicate no exceedance of the cleanup criteria designated in the DNREC approved Work Plan.

VI. RECOMMENDATIONS

As a result of the successful completion of the Interim Response Action and the findings of the RI, DNREC proposes no further cleanup at the Anchor Motor Freight site.

VII. PUBLIC PARTICIPATION

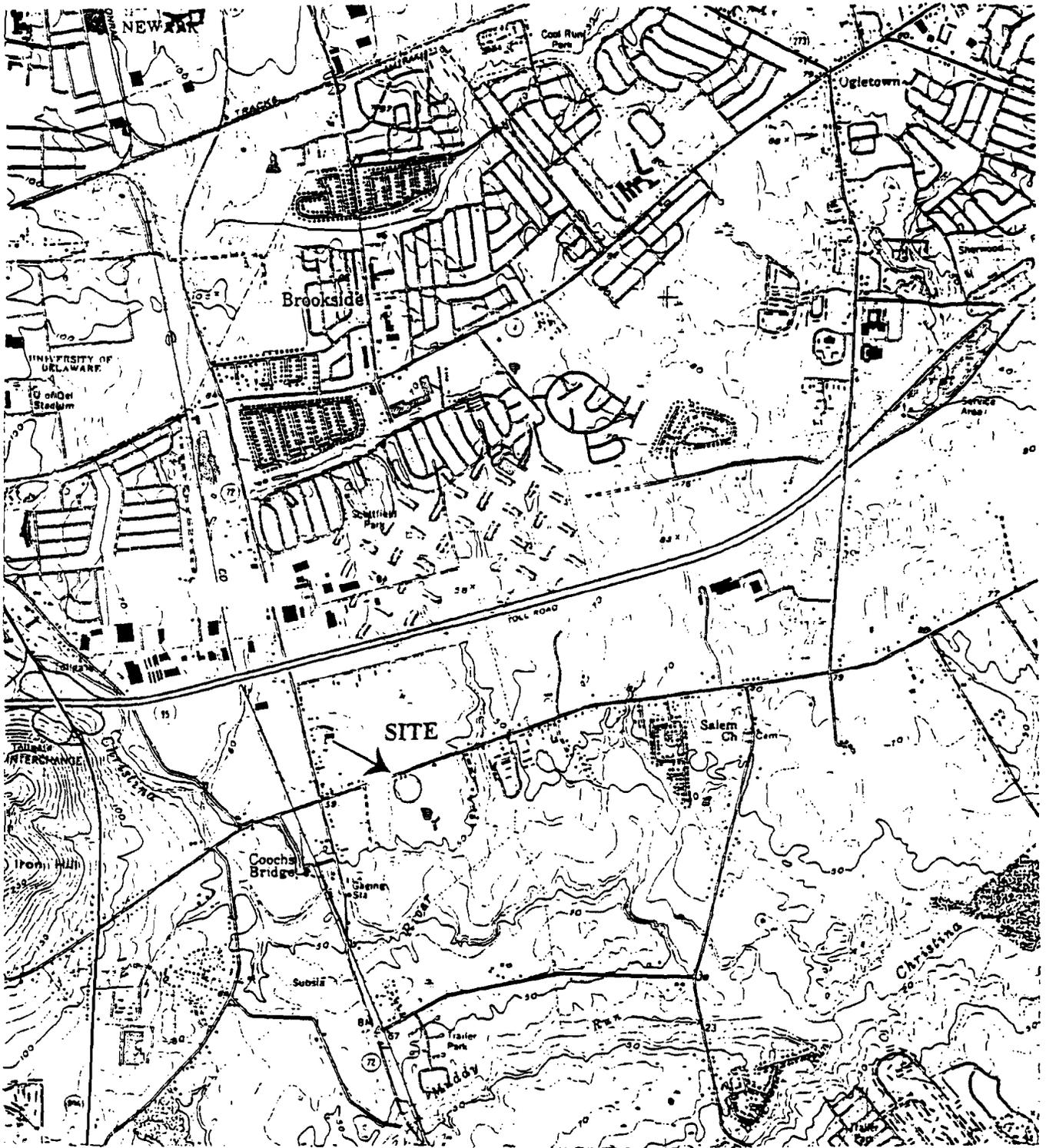
This Proposed Plan was advertised in the August 2, 1996 edition of the News Journal and the Delaware State News. The Department invites public comments, questions, or suggestions on this Proposed Plan. Please direct written comments to:

Department of Natural Resources and Environmental Control
Division of Air and Waste Management
Site Investigation & Restoration Branch
715 Grantham Lane
New Castle, Delaware 19720
Attn: Zsolt Haverland

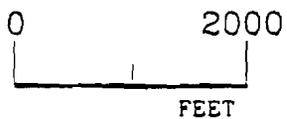
or call (302) 323-4540. The "Final Report for Remediation Activities at Anchor Motor Freight, Inc., Newark, Delaware" and other documentation supporting this Proposed Plan are available for reading and copying at the above address from 8:00 to 4:30 Monday through Friday. The public comment period closes on August 26, 1996.

ZEH:slb
ZEH96032.pri
DE 1034 II B 8

FIGURES



Map taken from USGS Newark East Quadrangle.



DATE
3/14/96

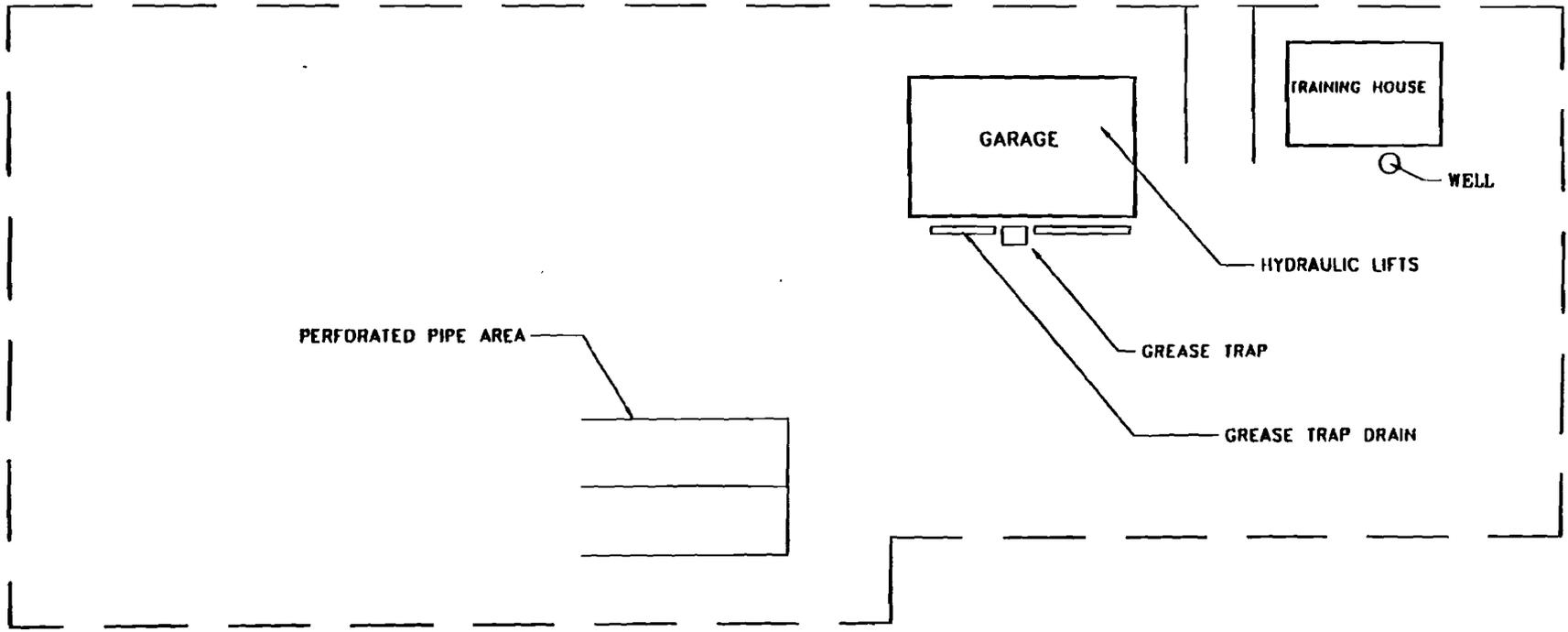


ENVIRONMENTAL ALLIANCE, INC
1812 NEWPORT GAP PIKE
WILMINGTON, DE 19808

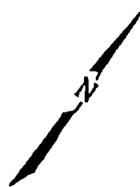
PROJECT NO.
AR

FIGURE 1
SITE LOCATION MAP
ANCHOR MOTOR FREIGHT
788-796 OLD BALTIMORE PIKE
NEWARK, DE

OLD BALTIMORE PIKE

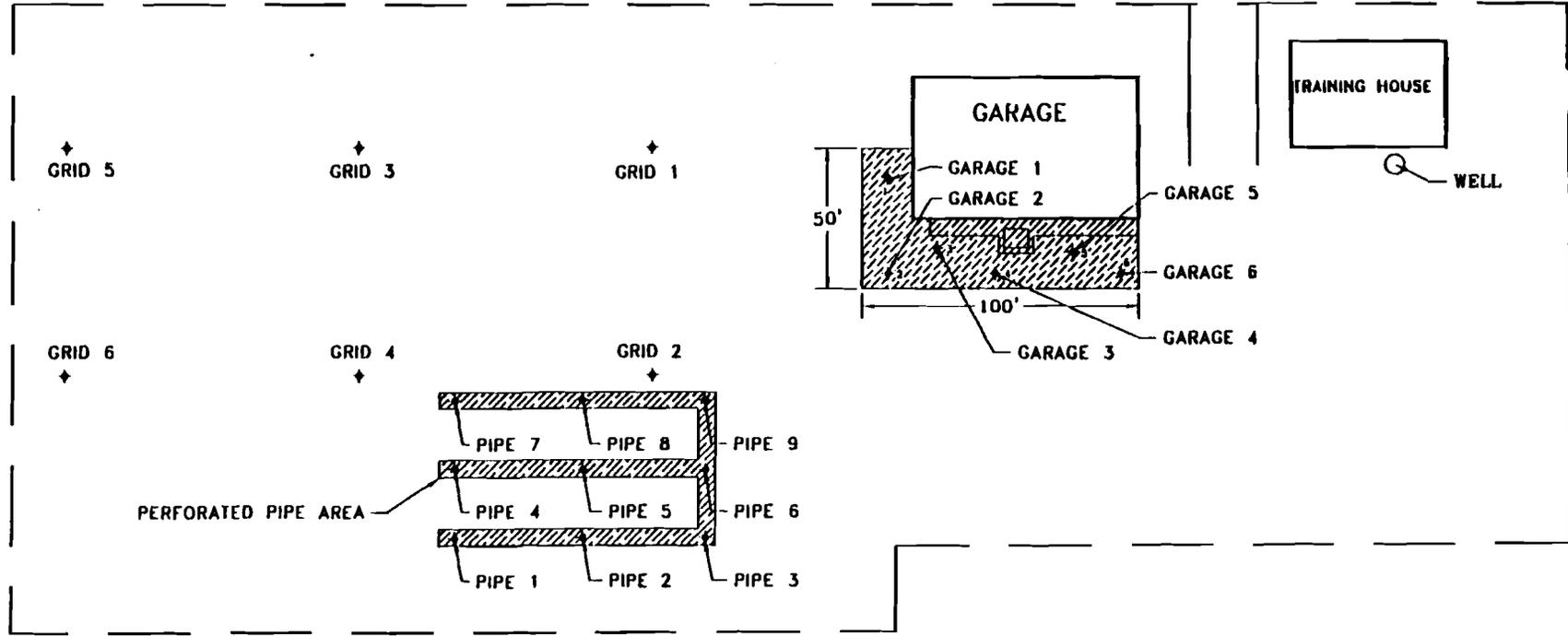


PROPERTY BOUNDARY

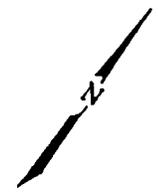
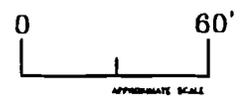


DATE 5/1/98	 ENVIRONMENTAL ALLIANCE, INC. 1812 NEWPORT GAP PIKE WILMINGTON, DE 19808
AR	
FIGURE 2 SITE BASE MAP ANCHOR MOTOR FREIGHT 788-796 OLD BALTIMORE PIKE NEWARK, DE	

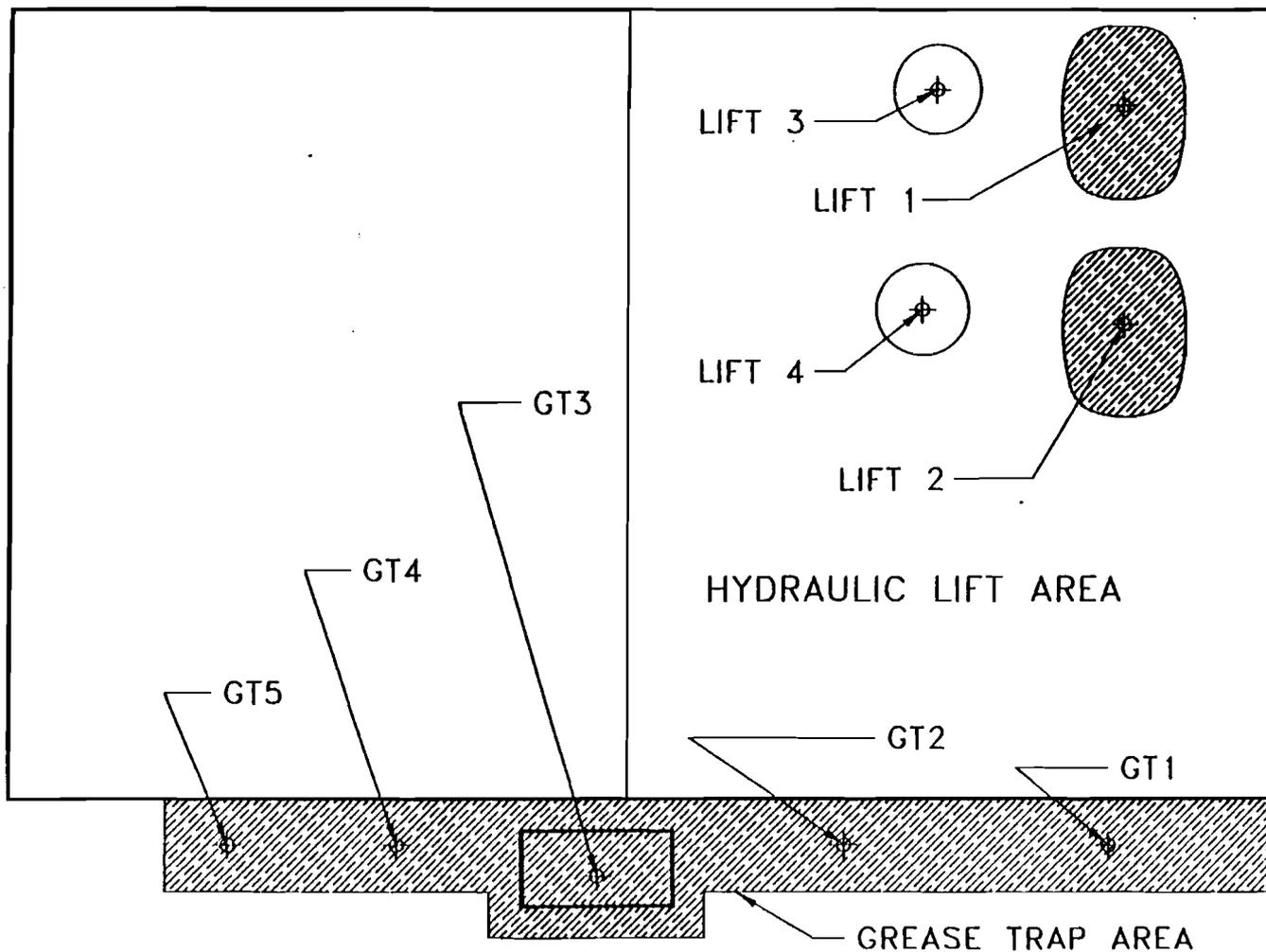
OLD BALTIMORE PIKE



 AREA OF EXCAVATION
 SOIL SAMPLING LOCATIONS



	ENVIRONMENTAL ALLIANCE, INC. 1812 NEWPORT GAP PIKE WILMINGTON, DE 19808
3/1/00 AR	FIGURE 3 SAMPLE LOCATIONS: GRID AREA, PIPE AREA, AND GARAGE AREA ANCHOR MOTOR FREIGHT 788-796 OLD BALTIMORE PIKE NEWARK, DE



 AREA OF EXCAVATION
 SOIL SAMPLE LOCATION

3/1/98		ENVIRONMENTAL ALLIANCE, INC. 1812 NEWPORT GAP PIKE WILMINGTON, DE 19808
AR		FIGURE 4 SAMPLE LOCATIONS: GREASE TRAP & HYDRAULIC LIFT AREAS ANCHOR MOTOR FREIGHT 788-798 OLD BALTIMORE PIKE NEWARK, DE

The News Journal



950 W. BASIN ROAD • NEW CASTLE, DE 19720

FAX from Classified Advertising

To: Zsolt Haverland

From: Sherry / Legal Clerk

This cover sheet is page 1 of 2 pages.

Please deliver as soon as possible. If there is difficulty with this transmission call 324-2676. Thank You.

Comments:

(see attached for proof of your ad)
total cost will be \$98.05.

FAXBACK 302/324-5511

Page 2

REMEDIAL ACTION for the Anchor Motor Freight site, located in Newark, Delaware, has been issued under the Hazardous Substance Cleanup Act, by the Site Investigation & Restoration Branch (SIRB) of the Delaware Department of Natural Resources and Environmental Control (DNREC).

As a result of the successful completion of the interim response action and the findings of the Remedial Investigation, the DNREC issued a Proposed Plan calling for "No Further Cleanup" at the site.

The Proposed Plan of Remedial Action for the Anchor Motor Freight site was available for public review and noticed in the 8/5/96 issue of the Delaware State News and the News Journal. The public comment period on this Plan closed on 8/26/96.

There were no objections to this Proposed Plan received during that comment period.

The Final Plan (calling for "No Further Action") was signed by DNREC's Director of Air and Waste Management on 10/02/96.

The Remedial Action Decision Record containing the basis for the Final Plan may be reviewed at the Division of Air and Waste Management, 715 Grantland Lane, New Castle, DE 19720 between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday. For additional information call Zsolt Haverland, (302) 323-4540. 10/13-NJA/2948 0/731993

60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100