

ANCHOR MOTOR FREIGHT SITE
FINAL PLAN OF REMEDIAL ACTION



SEPTEMBER 1996

DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENTAL CONTROL
DIVISION OF AIR AND WASTE MANAGEMENT
SITE INVESTIGATION & RESTORATION BRANCH

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ATTACHMENTS

Attachment A: Anchor Motor Freight Site, Proposed Plan of Remedial Action

I. Introduction

The Department of Natural Resources and Environmental Control (“Department”) issues this Final Plan of Remedial Action under the provisions of the Delaware Hazardous Substance Cleanup Act (“HSCA”) and the Delaware Regulations Governing Hazardous Substance Cleanup (“Regulations”). The Final Plan presents to the public, the Departments’ final selection of Remedial Activities to occur at the Anchor Motor Freight Site, Newark, New Castle County, Delaware.

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 (“RI”) 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 and included 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 cleanup was 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 objective, 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).

V. Facility Remedial Action Objectives

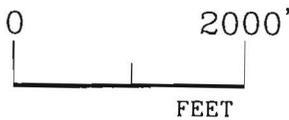
In accordance with the Regulations, the Department set (remedial action) objectives for land use, resource use, and cleanup levels that are protective of human health and the environment for the site. The following two (2) objectives are determined to be appropriate for the facility:

- To continue the use of the site as an industrial/commercial facility or future residential with supplied public water for all purposes;
- That routine construction, excavation and maintenance activities can occur without any special chemical hazard precautions.

These objectives are consistent with the value of the building structure as a manufacturing facility, the surrounding land use, New Castle County zoning policies, state regulations governing water supply, and worker health and safety.



Map taken from USGS Newark East Quadrangle.



REVISION DATE:
3/14/96

DESIGNED BY:

DRAFTED BY:

AR

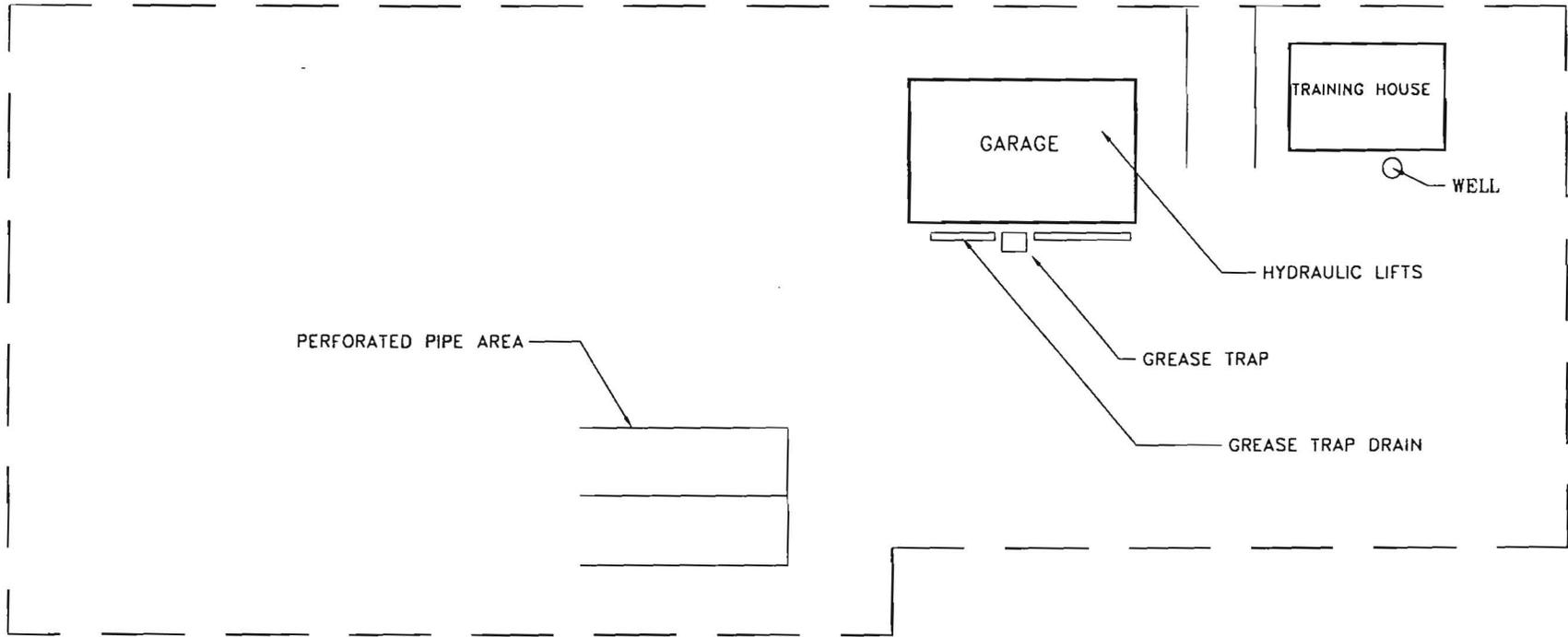
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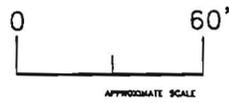
ENVIRONMENTAL ALLIANCE, INC
1812 NEWPORT GAP PIKE
WILMINGTON, DE 19808

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

OLD BALTIMORE PIKE

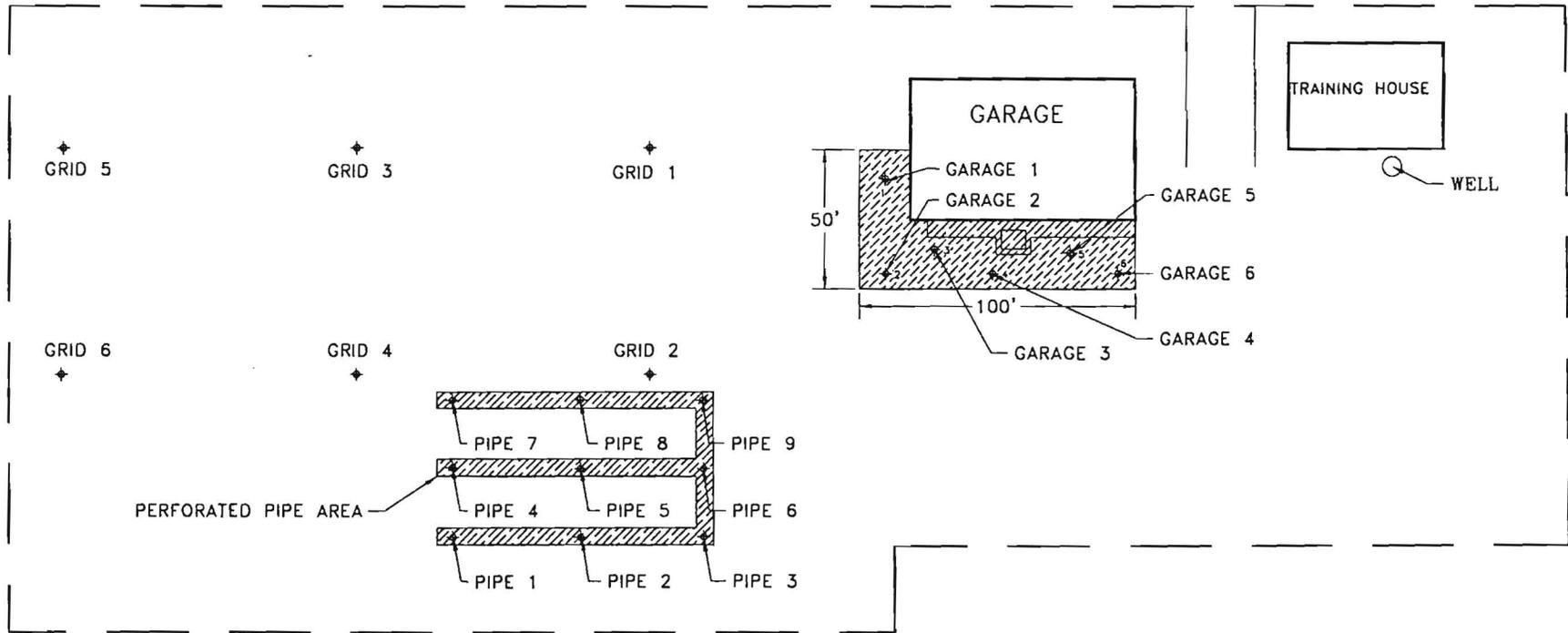


PROPERTY BOUNDARY



DATE	3/1/96
BY	AR
SCALE	AS SHOWN
 ENVIRONMENTAL ALLIANCE, INC. 1812 NEWPORT GAP PIKE WILMINGTON, DE 19808	
FIGURE 2 SITE BASE MAP ANCHOR MOTOR FREIGHT 788-796 OLD BALTIMORE PIKE NEWARK, DE	

OLD BALTIMORE PIKE



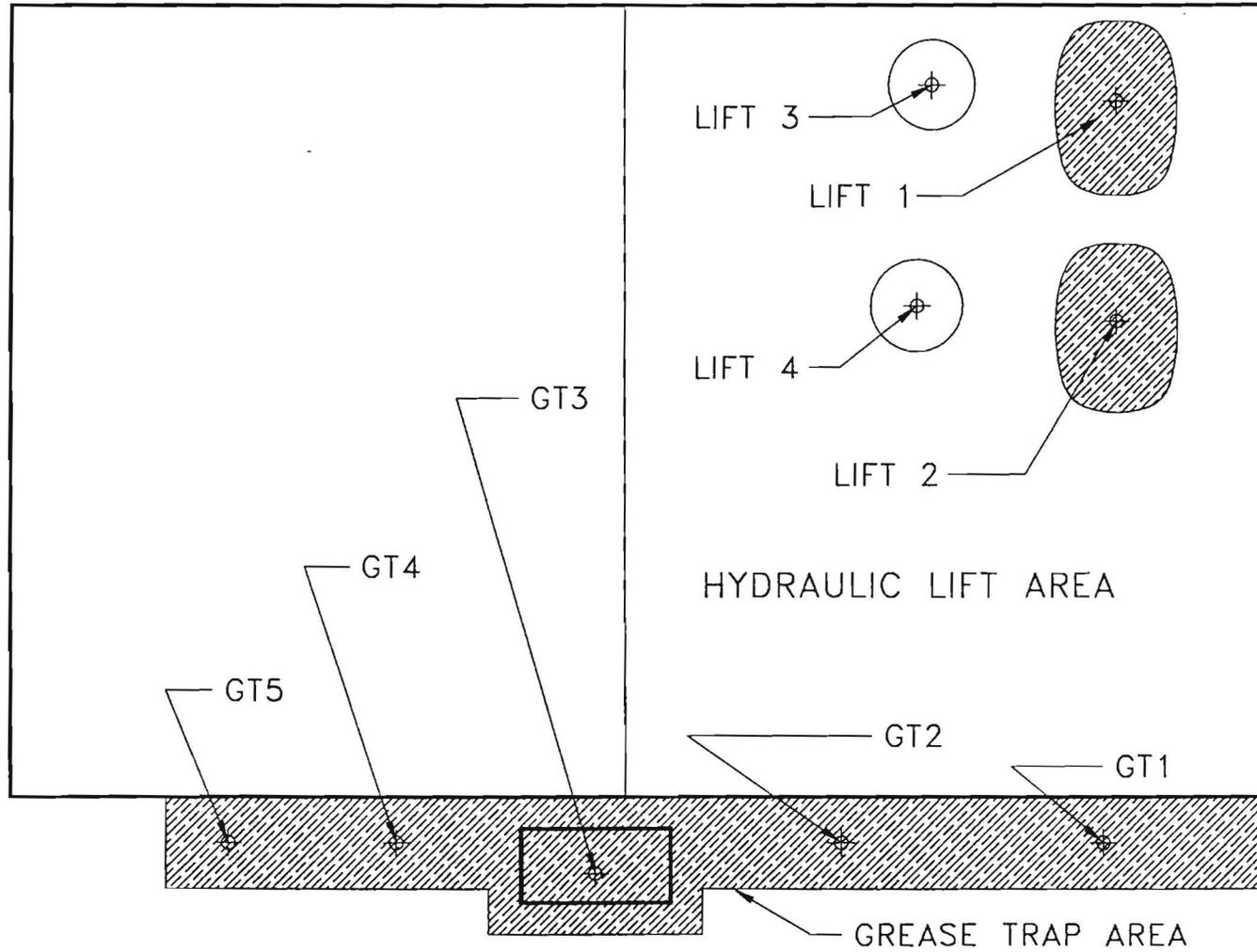
AREA OF EXCAVATION



SOIL SAMPLING LOCATIONS



REVISION DATE	5/1/96	 ENVIRONMENTAL ALLIANCE, INC 1812 NEWPORT GAP PIKE WILMINGTON, DE 19808
REVISION BY		
DRAWN BY	AR	FIGURE 3 SAMPLE LOCATIONS: GRID AREA, PIPE AREA, AND GARAGE AREA ANCHOR MOTOR FREIGHT 788-796 OLD BALTIMORE PIKE NEWARK, DE
CHECKED BY		



 AREA OF EXCAVATION
 SOIL SAMPLE LOCATION

DATE	5/1/96	 ENVIRONMENTAL ALLIANCE, INC 1812 NEWPORT GAP PIKE WILMINGTON, DE 19808
BY	AR	
FIGURE 4 SAMPLE LOCATIONS: GREASE TRAP & HYDRAULIC LIFT AREAS ANCHOR MOTOR FREIGHT 788-796 OLD BALTIMORE PIKE NEWARK, DE		

X PUBLIC NOTICE
PROPOSED PLAN OF REMEDIAL
ACTION FOR THE
ANCHOR MOTOR FREIGHT SITE

The Delaware Department of Natural Resources and Environmental Control (DNREC) Announces the release of the Proposed Plan of Remedial Action for the Anchor Motor Freight site located in Newark, Delaware, under the authority of the Hazardous Substance Cleanup Act (HSCA).

Successive investigations at the site identified a limited area of soil contamination on the property. During the Remedial Investigation (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.

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.

A copy of the Proposed Plan of Remedial Action for the Anchor Motor Freight site is available at the following location:

DNREC's New Castle Office
715 Grantham Lane
New Castle, DE 19720
(302) 323-4540

DNREC invites written comments on this Plan. Members of the public may also request a public hearing on the Proposed Plan of Remedial Action pursuant to 7 Del. C. Section 9112. The comment period begins on August 5, 1996 and ends at 4:30 p.m. August 26, 1996.

Comments and/or requests for a public hearing may be submitted in writing to Zsolt Harverland by the close of business (4:30 p.m.) on August 26, 1996 at DNREC's New Castle Office.

880077 - DSN 8/2; DBR 8/5/96

WAREHOUSE/BACKUP

DRIVER - Mon-Fri, medical, 401K, CDLA rec'd, forklift exp. helpful. Bring DMV record & apply in person at Utility Piping System, 850 Dawson Dr, Del. Indus. Park (off Rt. 72), Newark, DE

WAREHOUSE

Several long term warehouse positions avail. in Wilm & New Castle area. Applicants must have clean criminal history & reliable trans. Computer skills a plus. Call today!

MANPOWER
TEMPORARY SERVICES

Wilm. 479-7500

JOB TRAINING

ARE YOU JOB READY? If you are a dropout, age 16-21, low income, we can help with free employment skills training & job placement. CALL CEP, 573-2447, DPIC/EOE

Become A Medical TRANSCRIPTIONIST Enrolling Now for Nov. 5 Call DTI 302/575-1322

BECOME A NAIL TECH in eight weeks. Brandywine School of Cosmetology is enrolling now. Call 302-475-6085. The finest education for less. Complete course \$875.

Become A Therapeutic Massage Practitioner Enrolling now for Nov 11 Call DTI 302/575-1322

FREE Job Training at Delaware Tech. Call 571-5313. DPIC/EO Trainer

INDUSTRIAL TRAINING**Pipefitting & Welding****FREE TRAINING AND****JOB PLACEMENT****12 Weeks of Training**

(For unemployed or under employed)

CLASSES BEGIN**DECEMBER 4, 1996****PIPEFITTING**

-Threaded & Welded Assemblies

-Layout & Fabrication

-Pipe Sketching

-Tack Welding

-Torch Burning

-Pipe Length Calculation

-Hands on Training

WELDING

-ARC Welding

-MIG & TIG

-Inner Shield

-Torch Burning

-Plasma Cutting

REQUIREMENTS

Unemployed

Delaware Resident

22 yrs or older

Lic & Trans

Complete Interview

process

Call for Appointment

654-5659

(8AM to 4PM)

Limited Openings

Delaware Skills Center

LEARN

ICD-9, CPT Coding Med. Billing/Transcription Job Placement Assistance Financial Aid if Qualified Dawn Training Institute Enrolling thru Oct. 18 CALL 302/575-1322 TO ENROLL!!!

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Job placement assistance.
Call 800-341-3507

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Hardworking 36YO Male. Desires work or apprenticeship on sailing vessel. 610 873-9738 Jim
Eve or lv msg

PERSONALIZED
House Cleaning.
Call Mary, 761-9330.

RESUMES

A Power Packed Resume
Wilmington/Newark
453-1858

**LEGAL NOTICES**

BIDS & PROPOSALS
LEGAL NOTICES
PUBLIC NOTICES
SHERIFF SALES

LEGAL NOTICES**PUBLIC NOTICE**

Consistency Determinations have been submitted to the Federally approved Delaware Coastal Management Program for the following project(s): Mid-Atlantic Fishery Management Council - This regulatory amendment would revise the commercial quota system for scup. The annual commercial total allowable catch would be allocated to three periods: January-April (45.11%); May-October (38.95%); and November-December (15.94%). During the summer period (May-October) a state-by-state quota system would be in effect. The commercial fishery would be closed once the allocation for a given period was reached. Written comments concerning the consistency of these projects will be accepted for 20 days from the date of this notice and should be sent to the following address: Delaware Coastal Management Program, DNREC P.O. Box 1401, Dover, DE 19903. For additional information or for an appointment to inspect the Consistency Determinations, please call (302) 739-3451. 10/13-NJ A/2676 O/781710

LEGAL NOTICE

It is hereby given that application has been filed by:

LuProp Partners has submitted an application to the Ground Water Discharges Section for an on-site wastewater treatment and disposal system for St. Jones Landing Mobile Home Park. The daily flow to this system is 1,440 gallons. The site is located on the North East of Kent CR 363; between CR 364 & 26.

The application may be inspected by appointment at the offices of the Division of Water Resources, 89 Kings Highway, P.O. Box 1401, Dover; 715 Grantham Lane, New Castle; or 317 N. duPont Highway, Georgetown. For additional information or for an appointment to inspect the application, please call (302) 739-4761 in Dover. A public hearing concerning this application will NOT be held unless the Secretary of the Department of Natural Resources and Environmental Control receives a request for such a hearing within 15 days from the date of this notice. A request for a hearing must exhibit a familiarity with the application and must contain a reasoned statement of the permits probable impact. 10/13-NJ A/2072 O/781173

NOTICE OF DISSOLUTION

TO: All Claimants and Potential Claimants Against DynAir Services Russia, Inc.

Please take notice that DynAir Services Russia, Inc. (the "Company"), a Delaware corporation, filed a Certificate of Dissolution in the office of the Secretary of State of the State of Delaware on September 11, 1996 at 9:00 A.M., pursuant to the provisions of Section 275 of the General Corporation Law of the State of Delaware. The Certificate of Dissolution became effective on that date. All persons with claims or potential claims against the Company must send their claims or demands to the offices of the Company, Attn: Corporate Secretary, 2000 Edmund Halley Drive, Reston Virginia 20191-3436, on or before December 30, 1996. All claims must be presented in writing and must contain sufficient information to inform the Company of the identity of the claimant and the substance of the claim. The Company may make distributions to other claimants and the Company's stockholders or persons interested as having been such without further notice to the claimant.

The giving of this notice does not revive any claim barred or constitute acknowledgment by the Company that any person to whom this notice is sent is a proper claimant and does not operate as a waiver of any defense or counterclaim in respect of any claim asserted by any person to whom such notice is sent. The Company reserves the right to reject, in whole or in part, any claims submitted pursuant to this notice. DATED: October 1, 1996 DYN AIR SERVICES RUSSIA, INC. 10/1-NJ A/26096 O/775741

LEGAL NOTICE

Notice is hereby given that applications have been filed by:

Zeneca Specialties, Atlas Point, requests a facility-wide permit. The maximum emissions of Non-HAP VOC will be limited to 8.9 TPY and HAP VOC to 1.0 TPY, for the entire plant. #960935

Melvin L. Joseph Construction Co., Inc., Georgetown, requests a permit to construct a temporary concrete crushing operation. Total estimated emissions are 0.04 TPY particulate and 3.6 TPY products of combustion. #970426

Berry Van Lines, Inc., Dover requests a permit to construct a paint spray booth. Total emissions of VOC and particulate are estimated to be 5.3 TPY. #970428

The application may be inspected at the offices of the Division of Air and Waste Management, 89 Kings Highway, Dover, Delaware and 715 Grantham Lane, New Castle, Delaware. For additional information or an appointment to inspect the application, please contact Mr. Ray Malenfant at the Dover Office at 739-4791, or Mr. Robert Taggart at the New Castle Office at 323-4542.

A public hearing concerning the application will not be held unless the Secretary of the Department of Natural Resources and Environmental Control receives a request for such a hearing within 15 days from the date of this notice. A request for a hearing shall be in writing and shall state the nature of the issues to be raised at the hearing. It must also show a familiarity with the application and a reasoned statement of the permit's probable impact. Air Quality Management Section Division of Air and Waste Management 89 Kings Highway P.O. Box 1401 Dover, DE 19903 739-4791 10/13,16-NJ A/2849 O/781919

LEGAL NOTICE

Well Construction Permits Notice is hereby given that application has been filed by:

Richard Carmine to construct one 8" x 100' irrigation well. The well is to be approximately 2300 ft. off the north side of CR 70, one mile east of CR 68, one mile southeast of Hearn Crossroads, Sussex County. The desired capacity of the well is 500 gallons per minute.

Richard Carmine to construct one 8" x 100' irrigation well. The well is to be approximately 260 ft. off the east side of CR 68, 6000 ft. south of CR 70, 6000 ft. south of Hearn Crossroads, Sussex County. The desired capacity of the well is 500 gallons per minute.

The application(s) may be inspected by appointment at the office of the Division of Water Resources, Well Permits Branch, 89 Kings Highway, Dover, DE. For additional information or an appointment to inspect an application, please contact Dawna Nickerson at 302-739-4793. A public hearing concerning an application WILL NOT be held unless the Secretary of the Department of Natural Resources and Environmental Control receives a request for such a hearing within 15 days from the date of this notice. A request for a hearing must exhibit a familiarity with the application and must contain a reasoned statement of the permits probable impact. 10/13-NJ A/2124 O/781211

LEGAL NOTICE

Notice is hereby given that application has been filed by:

Town of Smyrna to construct one (1) a wastewater pumping station along with piping, controls, and appurtenances; and pressure sewer and a gravity sewer with manholes and appurtenances to service the Smyrna Industrial Park, Smyrna, Kent County, Delaware. New Castle County Department of Public Works to construct one (1) wastewater pumping station along with piping, controls and appurtenances; a two (2) inch pressure and an eight (8) inch gravity sewer with manholes and appurtenances to service the proposed office building at 15 Reed's Way, New Castle Hundred, New Castle, Delaware.

The application may be inspected by appointment at the offices of the Division of Water Resources, 89 Kings Highway, P.O. Box 1401, Dover, DE; 715 Grantham Lane, New Castle, DE; or 317 N. duPont Highway, Georgetown. For additional information or an appointment to inspect the application, please call Deborah A. King 302-739-5731.

A public hearing concerning the application will NOT be held unless the Secretary of the Department of Natural Resources receives a request for such a hearing within 15 days from the date of this notice. A request for a hearing shall be in writing and shall state the nature of the issues to be raised at the hearing. It must also show a familiarity with the application and a reasoned statement of the permit's probable impact. 10/13-NJ A/3255 O/782250

LEGAL NOTICE

The next meeting of the Parks and Recreation Council for Delaware State Parks is scheduled for 10:00 A.M., Wednesday, October 23, 1996 at the Grass Dale Conference Center, at Fort DuPont State Park in Delaware City, DE. 10/13,16-NJ A/2103 O/781196

THE FINAL PLAN OF

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 Grantham 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-NJ A/2948 O/781993

BIDS & PROPOSALS**INVITATION TO BID**

The Department of Natural Resources and Environmental Control, Division of Parks and Recreation, Planning, Preservation and Development Section will receive sealed bids in Room A218, DNREC Building, 89 Kings Highway, Dover, Delaware 19903, until 3:00 p.m. November 8, 1996 at which time they will be publicly opened for the following project: Delaware Seashore State Park, Contract No. 1996-DS-100. This project includes concrete unit masonry demolition, replacement and repair, replacement of existing quarry tile flooring and installation of ceramic wall tile, modification of existing and installation of new doors, frames and hardware, removal and reinstallation of existing toilet accessories and partitions and installation of additional units, repair and resurfacing of existing exterior insulation finish system, modification of electrical system and installation of new fixtures, and modification of existing plumbing and replacement of floor drains. A pre-bid meeting will be held at 10:00 a.m. on Thursday, October 24, 1996 at the project site. Attendance at this meeting is mandatory for all prospective bidders and will be a pre-requisite for submitting a bid. Proposals shall be placed in a sealed envelope clearly marked BID ENCLOSED, Contract No. 1996-DS-100 and addressed to: Department of Natural Resources & Environmental Control Division of Parks & Recreation Planning, Preservation and Development Section 89 Kings Highway P.O. Box 1401 Dover, DE 19903 Attention: Wayne Rust Phone No. 302-739-5284 Prospective bidders may obtain contract documents upon payment of \$150.00 for each set at the above address. This payment is non-refundable and the documents need not be returned. Each bid must be accompanied by a bid guarantee equivalent to ten percent (10%) of the amount of the base bid and all add alternates. The bid guarantee may be a certified check or a bid bond secured by a surety authorized to do business in the State of Delaware. The bid guarantee shall be made payable to the Department of Natural Resources and Environmental Control. A copy of the bidding documents can be reviewed at the Delaware Contractors Association, 527 Christiana Stanton Road, P.O. Box 6520, Newark, Delaware 19713. The Department of Natural Resources and Environmental Control, Division of Parks and Recreation, Office of Planning, Preservation and Development reserves the right to reject and/or all bids and to waive any informalities therein. The Department also reserves the right to extend the time and place for bid opening from that described in this advertisement of not less than five calendar days' notice by certified mail to those bidders who have obtained copies of the bidding documents. An Equal Opportunity Employer. Christophe A.G. Tulou, Secretary 10/13,16-NJ A/1094 O/780408

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10/13/96

THE FINAL PLAN
OF REMEDIAL ACTION

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