

**PROCESS INDUSTRIES PROPERTY
801 DAWSON DRIVE
NEWARK, DELAWARE**

FINAL PLAN OF REMEDIAL ACTION



MAY, 1996

DNREC Project DE-1032

**Prepared by:
Delaware Department of Natural Resources and Environmental Control
Division of Air and Waste Management
Superfund Branch**

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PROCESS INDUSTRIES PROPERTY FINAL PLAN OF REMEDIAL ACTION

1. 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 Department's final selection of remedial activities to occur at the Process Industries Property, 801 Dawson Drive, Newark, New Castle County, Delaware, see Figures 1 and 2.

2. BACKGROUND

In January 1995, Process Industries requested the Superfund Branch of the Department of Natural Resources and Environmental Control ("DNREC" or "Department") to perform a document review of a Phase I Environmental Assessment conducted at 801 Dawson Drive, Newark, Delaware ("site" or "property"). Process Industries initiated the request in order to determine if the property in question was free of contamination or if some form of remediation would be required by the Superfund Branch. Based on the Phase I report, DNREC requested additional information about the site. In September 1995, a prospective purchaser for the Process Industries Facility agreed to conduct a Facility Evaluation ("FE") of the property. The FE was completed on January, 1996. The FE indicated that the chemicals present on site within the groundwater media were attributed to activities at the adjacent Helix/Synthesis Technologies property located at 835 Dawson Drive. As shown on Figure 3, the groundwater flow direction is toward the south-southeast. Chlorobenzene, O-toluidine, and nonchlorinated amines, indicators of contamination from the adjoining Syntech site, are elevated in monitoring well MW-1. In addition, 1,2-dichloroethane, a compound commonly used in organic synthesis, is elevated in the groundwater at MW-1.

The following is the interpretation of the FE results as presented in the report:

- 1) Soil at the site does not appear to have been adversely impacted by historic site uses. No coal tar components or metals were detected above action levels.
- 2) Groundwater along the western property boundary has been impacted by 1,2-dichloroethane, chlorobenzene, nonchlorinated amines and O-toluidine. These compounds do not appear to have a site related source. 1,2-dichloroethane is commonly used in organic synthesis. In addition, chlorobenzene, nonchlorinated amines and O-toluidine are target compounds for the adjacent Syntech property. It appears that these compounds, therefore, migrated from the adjacent Syntech property.
- 3) Groundwater along the western property boundary has low but detectable concentrations of several petroleum hydrocarbons including: naphthalene, 2-methylnaphthalene, unknown

aromatics, an unknown PAH, 1,2,3,4-tetrahydronaphthalene, and 1-methyl-naphthalene. These compounds may be migrating onto the site from the leaking UST at the adjoining Syntech property.

- 4) Residual chlorines, chloroamine, dichloramine and trichloroamine were not detected in the groundwater at MW-1 or MW-2. It should be noted that the elevated detection limit for the groundwater sample collected at MW-2 makes it difficult to assess whether groundwater quality has been impacted by the adjoining Syntech property.
- 5) There is no historical evidence that the Process Industries property is a source of the contamination detected during this investigation. The hazardous substances detected on the Process Industries property are caused by a third party.

3. PROPOSED PLAN AND PUBLIC PARTICIPATION

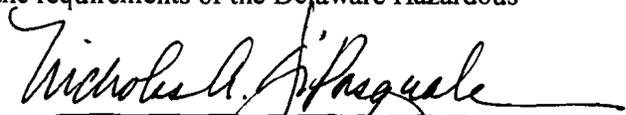
The Department drafted a Proposed Plan of Remedial Action (see attachment A) for the site recommending no further action for the Process Industries. The notice of Proposed Plan was published on the 21st of April 1996 in the News Journal Newspaper and Delaware State News, see Figure 4. During the public comment period, the Department received no objections to or substantive comments to the Proposed Plan.

4. FURTHER ACTION

The Department, requiring no further action recognizes the shallow soils at the Process Industries property to be uncontaminated. The groundwater contaminated at the Process Industries shall be addressed as part of the Synthesis Technologies Remedial Investigation. In addition, The Department, has determined that Mr. Robert Duhadaway, the current owner of the Process Industries Site, has complied with the requirements of Delaware Hazardous Substance Cleanup Act.

5. DECLARATION

This Final Plan of Remedial Action for the Process Industries Site is protective of human health, welfare and the environment and is consistent with the requirements of the Delaware Hazardous Substance Cleanup Act.


Nicholas A. Di Pasquale, Director
Division of Air & Waste Management

KFK:slb
KFK96065.win
DE-1032 II B9

SITE LOCATION MAP

Process Industries
801 Dawson Drive
Newark, Delaware

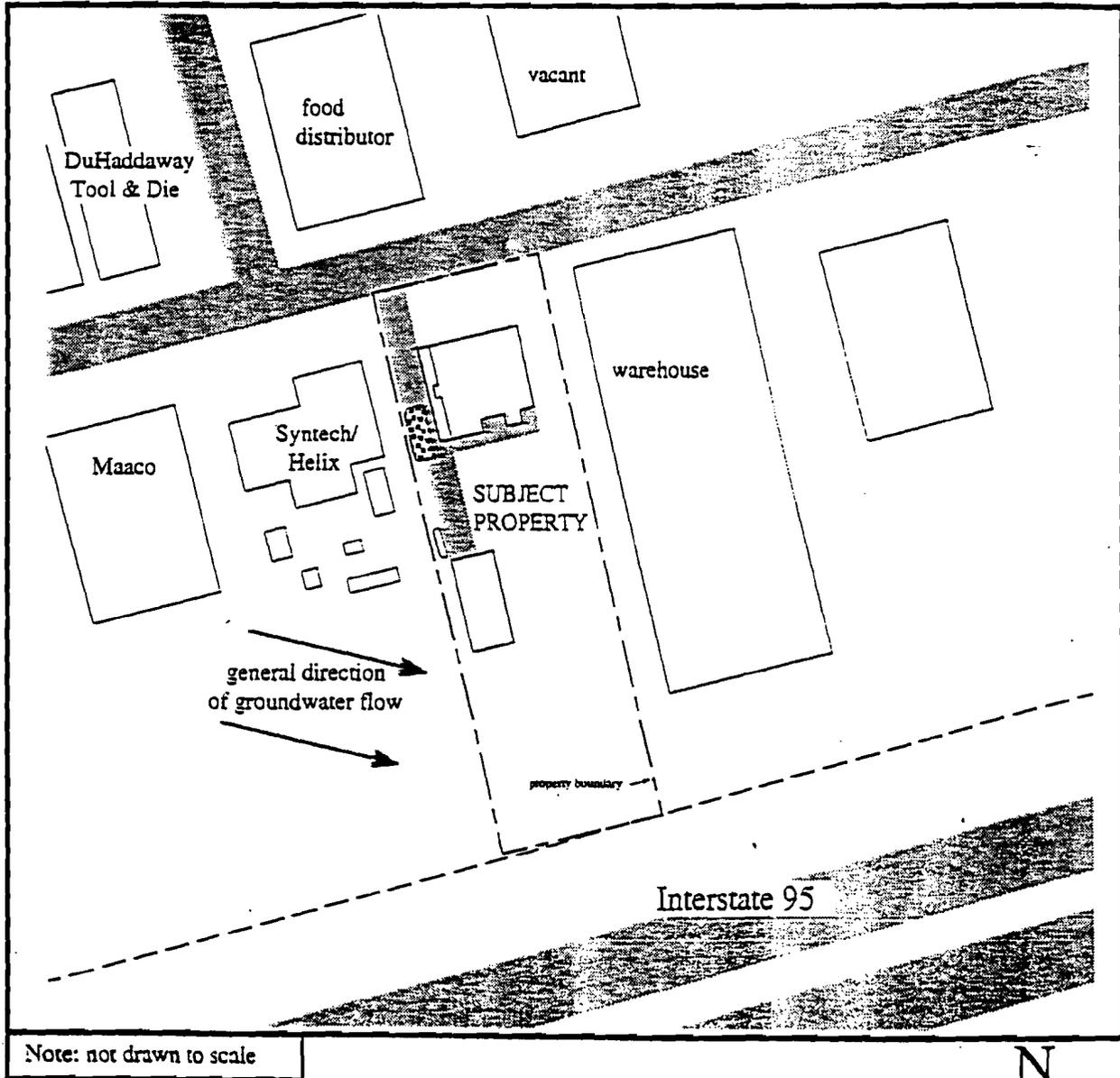


Scale: 1 inch = 2,000 feet

FIGURE 2

SITE SKETCH MAP

Process Industries
801 Dawson Drive
Newark, Delaware

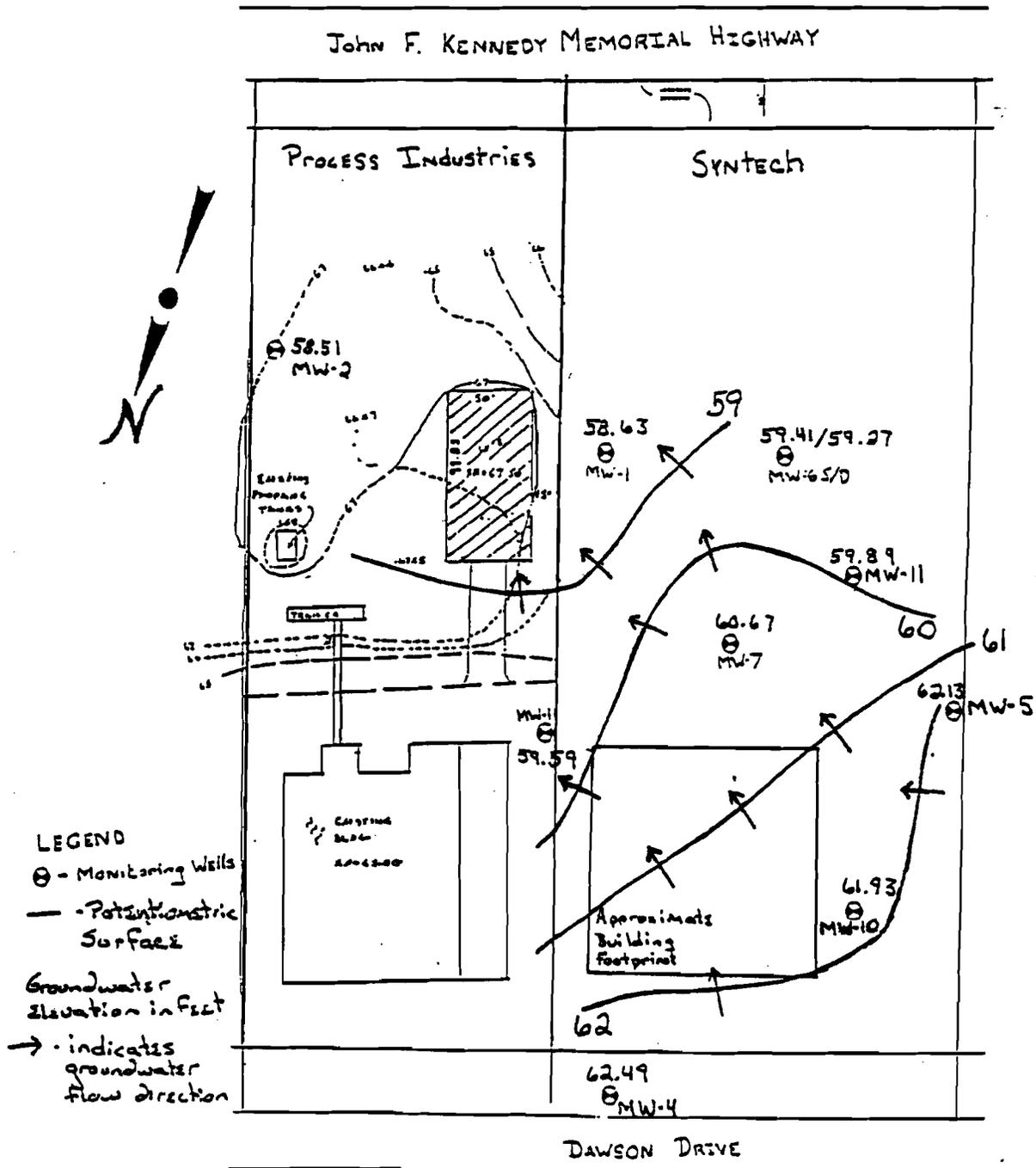


Note: not drawn to scale



WATER TABLE ELEVATION CONTOUR MAP
1995 Facility Evaluation

Process Industries
801 Dawson Drive
Newark, Delaware



14 People Needed Fast
Summer work avail. Must have car. Call Julie at 292-3994

WELDERS - Heli Arc Exp.
for X-ray quality boiler tube welding. LJE Brunner, 1901 Oglethorn Rd., Newark, DE.

WAREHOUSE PERSON-P/T
Varied duties. Mon-Fri, 1:30-5. Serious inquiries only. Call Mr. Argudo at 1-302-456-9999

YARDPERSON for local lumber co. Knowledge of using chainsaw, driving forklift w/basic math. Call 452-2800 btw 7:30-3pm

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

Bartending-State licensed Mixology Program Newark Best Western 1-800-333-7122 Begins 4/30

Become A Therapeutic Massage Practitioner Classes begin May 6 Limited Enrollment Call DTI 302/575-1322

Begin an exciting career with great earnings potential as a nail technician or cosmetologist. Classes now forming, low tuition, limited enrollment. Call Brandywine Salon, 475-6085.

COMPUTER WORKSHOPS Learn Microsoft Office Call DTI 575-1322 TODAY

FREE CAREER ADVISING CALL 575-1055

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

LEARN ICD-9/CPT CODING and MEDICAL BILLING Classes begin April 29 Call DTI 302/575-1322

LEARN Medical Transcription Classes begin April 29 Call DTI 302/575-1322

Massage Therapy Training 500hrs Lic & exp teachers Call DMTS, 239-1613

Shilling Douglas - Nail accredited beauty school. Hair, skin & nail classes. Fin/ide avail. Call today! 737-5100

BARTEND

1-2 WEEK CLASSES Job placement assistance. Call 302-652-1170

JOBS WANTED

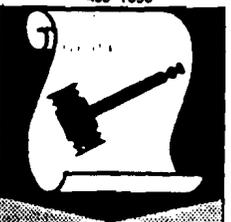
Collection/Recovery Mgr 19 years bank experience Call 836-6353

HOUSECLEANING - Lady does housewk. Live-in/days. M-F. 322-4672.

Housekeeper, babysitter or live-in companion. Call 378-0355.

RESUMES

A Power Packed Resume Wilmington/Newark 453-1858



LEGAL NOTICES

tion in emissions of SO₂, SO_x and NO_x. #820125, 830864

Playtex Products, Inc., Dover, requests a permit to construct and operate a column scrubber for the glove form cleaning bath for the Plant #1 facility. Estimated emissions are less than 0.07 TYP of nitric and chromic acid. #960906 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 Maitenant at the Dover Office at 739-4791, or Mr. Robert Taggart of 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 must 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, PO Box 1401 Dover, DE 19903 739-4791 4/21,24NJ 20298 O/687421

Public Notice pursuant to 7 Del. Code, Section 6004 The Department of Natural Resources and Environmental Control Hazardous Waste Branch Division of Air and Waste Management 89 Kings Highway P.O. Box 1401 Dover, DE 19903 On April 4, 1996, the Dover Air Force Base submitted an application for the operation of a Groundwater Remediation Field Laboratory (GRFL) to conduct field scale research and development on innovative environmental remediation technologies. This will involve conducting contained releases of small quantities of pollutants in test cells constructed of double walled interlocking sheet piling. Containment testing will be performed and evaluated prior to any permit decision. The permit application outlines the GRFL infrastructure, groundwater monitoring, and closure requirements. It also contains a research plan for the first experiment. This experiment investigates co-oxidative bioremediation of a mixture of jet fuel and chlorinated solvents in soils. If successful this technology may represent a cost effective remediation tool for both the Air Force and industry.

Persons wishing to comment on this application are invited to submit their comments in writing to the department at the address listed above no later than 15 days from the date of this notice. A hearing may be held to discuss this application if a meritorious request is received. The application is on file and may be viewed at the Dover office of DNREC. To schedule an appointment to review the application or to obtain additional information, please contact: Mr. Alex Riffberg of DNREC, at (302) 739-3689, 4/21NJ A/20646 O/687657

Howard A. Webb to construct one 4" X 60' irrigation well to be located 560 ft. off the north west side of Rd. #210, apx. 2 mile south west of Rd. #208, 5 miles north east of Lincoln, Sussex County. The desired capacity of the well is 120 gallons per minute.

Howard A. Webb to construct one 4" X 60' irrigation well to be located 710 ft. off the north west side of Rd. #210, apx. 2 mile south west of Rd. #208, 5 miles north east of Lincoln, Sussex County. The desired capacity of the well is 120 gallons per minute.

Howard A. Webb to construct one 4" X 60' irrigation well to be located 710 ft. off the north west side of Rd. #210, apx. 2 miles south west of Rd. #208, 5 miles north east of Lincoln, Sussex County. The desired capacity of the well is 120 gallons per minute.

Howard A. Webb to construct one 4" X 60' irrigation well to be located 560 ft. off the north west side of Rd. #210, apx. 2 mile south west of Rd. #208, 5 miles north east of Lincoln, Sussex County. The desired capacity of the well is 120 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 permit's probable impact. 4/21NJ 687622 20573

The Delaware Department of Correction (DOC) and the Sussex Correctional Institution, in accordance with 29 Delaware Code, section(s) 10115 and 10117, will hold a Public Hearing on Friday April 26, 1996 at 7:00 p.m. at Delaware Technical Community College Terry Campus on Rt. 18 in Georgetown, Delaware for the purpose of describing prison expansion plans targeted for the Sussex Correctional Institution. The meeting will be held in the lecture hall in the Higher Education Building. On the agenda will be descriptions about the addition of a 80-bed dormitory, a 100-bed boot camp, a 200-bed Prison Industries housing unit, and a 280-bed unit to house pretrial offenders. Upon completion the project would bring the bed capacity of the facility from a 465-bed operating capacity to an 1125-bed operating capacity. The reason for the expansion is to address the agencies prison crowding problem. The aforementioned being so constructed on State land currently dedicated to correctional use and notwithstanding any other law or statute to the contrary, the Department of Correction is exempt from the requirements of 11 Delaware Code, Section 6590 et. seq. 4/5,7,10,14,21NJ 12552 679888

approval to expand a structure seaward of the DNREC Building Line on Lots 1, 3, and part of 4, Block 104, Belhany Beach, Sussex County, Delaware. For additional information or for an appointment to inspect the application, please contact the Shoreline and Waterway Management Section at (302) 739-4411. The procedures for public hearings are established in the Section 6.02 of the Regulations Governing Beach Protection and the Use of Beaches. Statements and testimony may be presented orally or in written form at the hearing. Those persons interested in presenting statements are asked to register in advance by mail. Written statements may be presented prior to the hearing and should be addressed to:

Robert R. Thompson, Hearing Officer Department of Natural Resources and Environmental Control 89 Kings Highway P.O. Box 1401 Dover, Delaware 19903 4/21NJ 687192 20034

PROPOSED PLAN OF REMEDIAL ACTION FOR THE PROCESS INDUSTRIES PROPERTY

801 DAWSON DRIVE The Delaware Department of Natural Resources and Environmental Control (DNREC) Announces The Release of the Proposed Plan of Remedial Action for the Process Industries Property, 801 Dawson Drive, Newark, Delaware under the authority of the Hazardous Substance Cleanup Act (HSCA).

In January 1995, Process Industries requested the Superfund Branch of the Department of Natural Resources and Environmental Control to perform a document review of a Phase I Environmental Assessment conducted of the property at 801 Dawson Drive. After reviewing this report, DNREC requested further information about the site. In September 1995 a prospective purchaser for the property agreed to conduct a Facility Evaluation (FE) for the site. The FE indicated that the chemicals present on the site within the groundwater media were attributed to activities at an adjacent property.

Based on the information and results of the investigation performed at 801 Dawson Drive, Newark, the Department recommends that no further investigation be required at the Process Industries site. The groundwater contaminated at the Process Industries site shall be addressed as part of the Synthesis Technologies Remedial Investigation. A copy of the Proposed Plan of Remedial Action for the Process Industries Property 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. Code § 9112. The comment period begins on April 22, 1996 and ends on May 13, 1996. Comments and/or requests for a public hearing may be submitted in writing to Karl Kalbacher by the close of business (4:30 p.m.) on May 13, 1996 at the above address. 4/21NJ 686982 19826

posal of Household Hazardous Waste (HHW) and safety and emergency response training for AUTHORITY employees. The CONTRACT will be for a period of Twenty-four (24) months 18 operational. The collection sites will be operational on the first four (4) Saturdays of each month from March-November 8 a.m.-3 p.m. DSWA may, at its discretion, elect to extend said CONTRACT upon terms mutually acceptable to the CONTRACTOR and DSWA.

All persons are advised they must be duly licensed under Part III, Title 30, Delaware Code; registered as foreign corporations. If appropriate, under Subchapter XV, Title 8, Delaware Code to submit a proposal. Each proposal must be accompanied by proof that the PROPOSER is licensed to conduct business in the State of Delaware.

A copy of the Request for Proposals (RFP) for CONTRACT DSWA-358 may be obtained from DSWA upon payment of \$25.00 (non-refundable) on or after April 25, 1996. Proposals must be submitted to the DSWA no later than 3:00 p.m., May 23, 1996.

The selected PROPOSER will be required to furnish a Performance/Payment Bond for the work on forms provided by the DSWA. The selected PROPOSER and any subcontractors will also be required to furnish evidence of insurance coverage as required by the negotiated agreement.

DSWA reserves the right to accept or reject any or all proposals which in its judgment is in the best interest of DSWA, and all PROPOSERS are notified that such acceptance or rejection shall be without liability on the part of DSWA for any action brought by the PROPOSER because of such acceptance or rejection, nor shall the PROPOSERS seek any recourse of any kind against DSWA because of such acceptance or rejection.

Every proposal prepared in response to this RFP shall be proposed by the PROPOSER with the express understanding that any and all claims to reimbursement for the cost and expense of its preparation are waived. The submittal of a proposal in response to this Notice shall constitute an agreement of the PROPOSER to these conditions.

All inquiries regarding this Work may be directed to: Rich Von Steffen Manager of Recycling Delaware Solid Waste Authority

P.O. Box 455 1128 S. Bradford Street Dover, Delaware 19903-0455 Telephone: (302) 739-5361 Fax: (302) 739-4287 4/21,23NJ 687540 20552

BIDS & PROPOSALS

SECTION 00020 INVITATION TO BIDDERS

Sealed Bids, in duplicate, will be received by the City of Milford, Sussex County, Delaware at City Hall, 201 South Walnut Street, Milford, Delaware 19963, until 2:00 P.M. local time on Wednesday, May 22, 1996 for the S.W. Sifted Bridge Repairs, at which time the bids will be opened publicly and read aloud. Work includes but is not limited to the following items of construction:

1. Installation of timber sheeting behind abutments

Use the News Journal

NOTICE OF SCHOOL BOARD