

STATE OF NEW JERSEY
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF LAW

MEMORANDUM

TO: Karl Birns
Edward Faille, Frank Coolick

FROM: John M. Van Dalen, Deputy Attorney General

SUBJECT: Illegal Chemical Disposal in Newark

RECEIVED
DEC 9 11 47 AM '76
DATE: December 8, 1976
DEPT. OF LAW & PUBLIC SAFETY
DIV. OF LAW RESOURCES

Attached is a copy of a memo that I sent to each of you on May 28, 1976. As I indicated at that time, in order to commence suit I need samples from the drums from both sites and data on the ground and surface water situations in the area, and information as to who owns the property.

Based on other reports that I have received, illegal chemical dumping in Newark is a continuing problem that should be handled aggressively. Please advise as soon as possible.


J.M.V.D.

JMVD:cim

Enclosure

851340004

Ed Fale, Special Services
Division of Water Resources

RECEIVED
DEC 9 11 47 AM '76
May 28, 1976

John M. Van Dalen, Deputy Attorney General
OFFICE OF THE ATTORNEY GENERAL
DIV. OF WATER RESOURCES

Illegal Chemical Disposal in Newark

Karl Birns asked that I advise you of the illegal chemical dumping that I observed in Newark on May 24, 1976.

1. 387 Avenue P (Block 5020, Lots 14-16)

In the back of the landfill that was operated by D & J Trucking is a ditch separating the landfill from the Turnpike that contains about 300-400 chemical drums. Many additional drums are buried in the rear face of the landfill. Some of the drums are marked "Hazardous Waste Chemicals", and one bears a date as recent as April 1976.

2. Across from 300 Doremus Avenue

Behind an abandoned factory, across the street from 300 Doremus Avenue, is a vast area of chemical ponds and drums. One pile is particularly significant in that it bears shipping labels from Gaess Environmental Services dated April 28, 1976, and April 21, 1976. Gaess is registered as a chemical hauler, but has been suspected of illegal dumping.

In order to commence suit it would be advisable to get samples from some of the drums from both sites (especially the Gaess drums), an idea of the ground and surface water flows in the area, and knowledge of who owns the property.

Call me at extension 1566 if you have any questions regarding the above.

J.M.V.D.

JMVD:cim

cc: Karl Birns
Frank Coolick

851340005

INSPECTION OF SOLID WASTE DISPOSAL AREA

GENERAL INFORMATION

DATE OF INSPECTION January 18, 1983 TIME 11:15 AM ID # 0714K
 NAME OF SOLID WASTE DISPOSAL FACILITY Newark Redevelopment and Housing Authority
 STREET LOCATION Av "P"
 LOT AND BLOCK NO. Bl 5020 Lots 10, 11, 14, 15, 20, 21, 24, 25, 32, 34, 36, 38, 40, 42
 MUNICIPALITY Newark COUNTY Essex
 NAME OF OWNER Newark Redevelopment and Housing Authority
 ADDRESS OF OWNER 57 Duquesne Av.
 NAME OF OPERATOR " " " "
 ADDRESS OF OPERATOR " "
 FULL NAME OF INSPECTOR ROBERT L. LEACH
 (Please Print)

The deficiencies marked "X" below were noted at the subject solid waste disposal area, as related to N.J.A.C. 7:26-1 et seq.

- ☐ Sanitary Landfill Operational Requirements (General)
 N.J.A.C. 7:26-2.5 ☐ (a) ☐ (b) ☐ (c) ☐ (d) ☐ (e) ☐ (f) ☐ (g) ☐ (h) ☐ (i)
☐ (j) ☐ (k) ☐ (l) ☐ (m) ☐ (n) ☐ (o) ☐ (p) ☐ (q) ☐ (r)
☐ (s)
- ☐ Sanitary Landfill Operational Requirements
 Sewage Sludge and Other Materials
 N.J.A.C. 7:26-2.6 (a) ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 ☐ 12 ☐ 13 ☐ 14 ☐ 15 ☐ 16 ☐ 17 ☐ 18 ☐ 19 ☐ 20 ☐ 21 ☐ 22 ☐ 23 ☐ 24 ☐ 25 ☐ 26 ☐ 27 ☐ 28 ☐ 29 ☐ 30 ☐ 31 ☐ 32 ☐ 33 ☐ 34 ☐ 35 ☐ 36 ☐ 37 ☐ 38 ☐ 39 ☐ 40 ☐ 41 ☐ 42 ☐ 43 ☐ 44 ☐ 45 ☐ 46 ☐ 47 ☐ 48 ☐ 49 ☐ 50 ☐ 51 ☐ 52 ☐ 53 ☐ 54 ☐ 55 ☐ 56 ☐ 57 ☐ 58 ☐ 59 ☐ 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
- ☐ Bulky Items
 N.J.A.C. 7:26-2.6 (b) ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 ☐ 12 ☐ 13 ☐ 14 ☐ 15 ☐ 16 ☐ 17 ☐ 18 ☐ 19 ☐ 20 ☐ 21 ☐ 22 ☐ 23 ☐ 24 ☐ 25 ☐ 26 ☐ 27 ☐ 28 ☐ 29 ☐ 30 ☐ 31 ☐ 32 ☐ 33 ☐ 34 ☐ 35 ☐ 36 ☐ 37 ☐ 38 ☐ 39 ☐ 40 ☐ 41 ☐ 42 ☐ 43 ☐ 44 ☐ 45 ☐ 46 ☐ 47 ☐ 48 ☐ 49 ☐ 50 ☐ 51 ☐ 52 ☐ 53 ☐ 54 ☐ 55 ☐ 56 ☐ 57 ☐ 58 ☐ 59 ☐ 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
- ☐ Disrupted Landfill Requirements
 N.J.A.C. 7:26-2.7. ☐ (a) ☐ (b) ☐ (c) ☐ (d) ☐ (e) ☐ (f) ☐ (g) ☐ (h) ☐ (i) ☐ (j) ☐ (k) ☐ (l) ☐ (m) ☐ (n) ☐ (o) ☐ (p) ☐ (q) ☐ (r) ☐ (s) ☐ (t) ☐ (u) ☐ (v) ☐ (w) ☐ (x) ☐ (y) ☐ (z)
- ☐ Smoking, Smoldering or Burning
 N.J.A.C. 7:26-2.8 ☐ (a) ☐ (b) ☐ (c) ☐ (d) ☐ (e) ☐ (f) ☐ (g) ☐ (h) ☐ (i) ☐ (j) ☐ (k) ☐ (l) ☐ (m) ☐ (n) ☐ (o) ☐ (p) ☐ (q) ☐ (r) ☐ (s) ☐ (t) ☐ (u) ☐ (v) ☐ (w) ☐ (x) ☐ (y) ☐ (z)
- ☐ Incinerators, Transfer Stations, and
 N.J.A.C. 7:26-2.11. ☐ (a) ☐ (b) ☐ (c) ☐ (d) ☐ (e) ☐ (f) ☐ (g) ☐ (h) ☐ (i) ☐ (j) ☐ (k) ☐ (l) ☐ (m) ☐ (n) ☐ (o) ☐ (p) ☐ (q) ☐ (r) ☐ (s) ☐ (t) ☐ (u) ☐ (v) ☐ (w) ☐ (x) ☐ (y) ☐ (z)

Scotch® 7664 "Post-It" Routing Request Pad

ROUTING - REQUEST

Please ☐ READ ☐ HANDLE ☐ APPROVE ☐ FORWARD ☐ RETURN

To BRUCE
This is
Yours. See me
prior to going

2-2-83 1(i)

☒ Other 2.2.0

Date

The New Jersey Solid Waste Administration re;

Sign

is report.

Date

The disposal area owner and/or operator may, if h
 tration to discuss the deficiencies noted.

ASSIGN
 F.H. Note non-compliance

Solid Waste Adminis-
 1-2-83

851340009

M E M O R A N D U M

State of New Jersey
Department of Environmental Protection

TO: File

INVESTIGATIVE
REPORTFROM: Robert Leary

07/4/K

DATE: January 18, 1987SUBJECT: Newark Redevelopment + Housing Authority

7:26 - 2:20 P In Parcel 103-9X along the western slope there are several hundred drums in poor condition which contain a sludge like residue. In addition there are other waste materials such as concrete and wood. The presence of the drum is in violation of approval condition # 6, March 28, 1978. In Parcel 103-9Z along the western slope are materials such as tire, concrete, wood, etc. This is in violation of approval condition # 13 for a minimum of two feet of final cover. (103-9Z and 103-9X)

Robert Leary

851340010

M E M O R A N D U M

State of New Jersey
Department of Environmental Protection

TO: File

INVESTIGATIVE
REPORT

FROM:

Robert L. Henry

0714 K

DATE: January 18, 1988

SUBJECT:

Newark Redevelopment - Housing Authority

I recommend that a N.O.V. be issued for 7:26-2.2.D to initiate a cleanup of the drum and final cover application.

Inspector requested to re-inspect and contact Newark Ledger and issue violation notice.

851340011

MEMO

NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION

TO file

0714 K

FROM Robert L. Henry

DATE Jan 18, 1983

SUBJECT Newark Public Housing and Community Development

AVENUE

"P"

Parcel 103-92

Synfer

extruding
exposed refuse
along western
slope

Parcel 103-94

Schnoll
Foods

discarded?

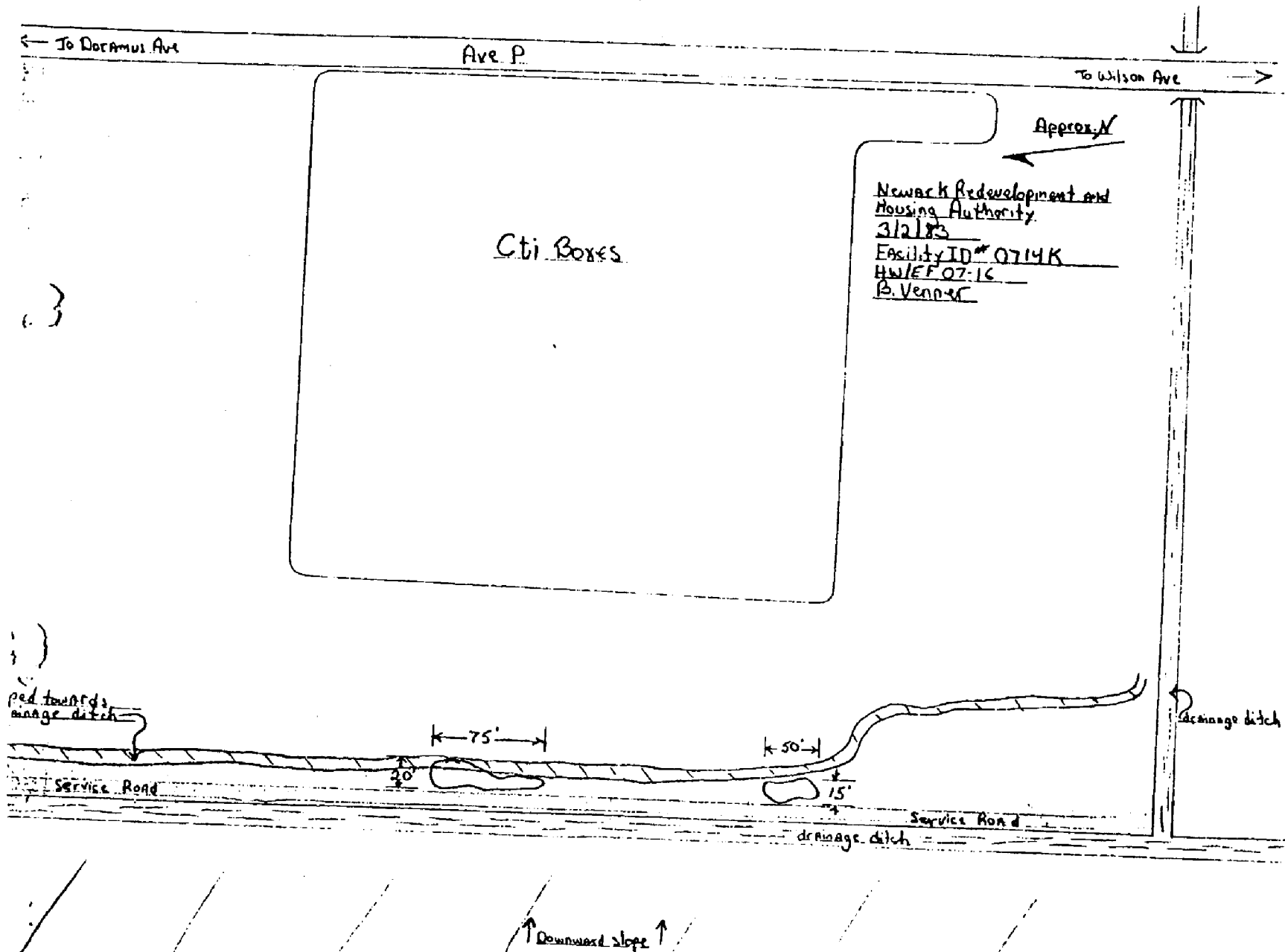
Parcel 103-9X

containers storage
in this area

several hundred
drums in poor condition
+ other waste material
along western slope

851340012

TIERRA-A-017269



851340013

INVESTIGATION

CASE #: _____

DWM FILE #: _____

TIME ARRIVED: _____

INVESTIGATOR: E. FaillaDATE: 7-30-87 TIME DEPARTED: _____LOCATION: NRAA

PROPERTY OWNER: _____

ADDRESS: Ave P

MAILING ADDRESS: _____

Newark County - Essex

BLOCK: _____ LOT: _____ RESPONSIBLE PARTY: _____

LOCATION TELEPHONE #: _____ ADDRESS: _____

EPA ID #: _____

LOCAL HEALTH DEPT. REP. _____ TELEPHONE #: _____

ORIGIN OF COMPLAINT: _____ TELEPHONE #: _____

NATURE OF COMPLAINT: _____

PHOTOGRAPHS TAKEN: _____ SAMPLE #: _____

FINDINGS: met with Dennis Zonatti at site. we did a field inspection of the site. In the past two weeks 15 drums have popped up through the surface of the old landfill. (with chemical in them) they have also removed another 20 empties. the stream in the back of site is pure black in color with and oil sheen on it. Cavanaugh has installed 2 inch steel plates in the stream to stop the leachate (absorbent in stream) from leaving the site. they still have a pile of hazardous waste sitting on the site. (this has plastic covering it) the drums they removed are on plastic and covered with plastic. The site is ^{kept} in very good condition by the workers at the site 1380 has called me Dispenzieri office and asked where he was. Charlotte stated he was leaving his office now. 1400 hrs Sal arrived at site and gave Tim Cavanaugh a letter dated 7-29-87 to cease and desist all work on the ave P site effective immediately. (copy of letter) Called Vince Keisak on the phone and gave him and update. He wants a copy of the letter so he can write a memo to Director informing him of shut down. Sal talked to Vince on the phone and Sal explained his board wants to meet with the state. I am recommending that the state take over cleanup if we cannot get the NRAA to do it.

Supervisor Signature

Investigator Signature

COPIES:

White - DWM File

Yellow - Local Health Dept.

Pink - Investigator

TIERRA-A-017271



State of New Jersey
Department of Environmental Protection and Energy
Division of Responsible Party Site Remediation
CN 028
Trenton, NJ 08625-0028

Scott A. Weiner
Commissioner

MAR 16 1993 J. Delaney
Director

Prepared By David W. Paddock
David Paddock
Date March 12, 1993

IN THE MATTER OF THE
AVENUE P LANDFILL SITE

AND

NEWARK REDEVELOPMENT AND HOUSING AUTHORITY,
DOMINICK ATTANASI,
JOSEPH ATTANASI,
BENJAMIN MOORE & COMPANY, INC.,
SHERWIN-WILLIAMS COMPANY, INC.,
REVERE SMELTING AND REFINING CORP. OF NEW
JERSEY, INC.,
Respondents

ADMINISTRATIVE
CONSENT
ORDER

This Administrative Consent Order is issued pursuant to the authority vested in the Commissioner of the New Jersey Department of Environmental Protection and Energy (hereinafter "the Department") by N.J.S.A. 13:1D-1 et seq., and the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., and the Spill Compensation and Control Act, N.J.S.A. 58:10-23.11 et seq. and duly delegated to the Assistant Director, Division of Responsible Party Site Remediation pursuant to N.J.S.A. 13:1B-4.

FINDINGS

1. The Avenue P Landfill Site (hereinafter the "Site") is located at 357-405 Avenue P, Newark, Essex County, New Jersey. The Site consists of approximately 8 acres, is currently defined as Block 5020, Lots 14 and 138 on the tax maps of the City of Newark. The Site is owned by the Newark Redevelopment and Housing Authority and is bordered generally by the New Jersey Turnpike to the west, Alliance Chemical to the north, Avenue P to the east and Newark Redevelopment and Housing Authority property to the south. There are no buildings or industrial facilities remaining at the Site. Plum Point Creek and an unnamed drainage ditch form the western and southern boundary of the Site, respectively.

2. The Newark Redevelopment and Housing Authority (hereinafter "Respondent"), a public instrumentality of the City of Newark with principal offices at 57 Sussex Avenue, Newark, New Jersey, is the owner of the Site.

3. Dominick Attanasi (hereinafter "Respondent"), a citizen of the State of New Jersey, maintains a residence at 341 Forest Drive, Union, New Jersey. Dominick Attanasi was the President of D & J Trucking & Waste Co., Inc., the former owner and operator of the Site. D & J Trucking & Waste Co., Inc. is a former New Jersey corporation which was declared void by proclamation on September 9, 1982.

4. Joseph Attanasi (hereinafter "Respondent"), a citizen of the State of New Jersey, maintains a residence at 3 Hemlock Circle, Cranford, New Jersey. Joseph Attanasi was the Secretary of D & J Trucking & Waste Co., Inc., the former owner and operator of the Site.

5. Benjamin Moore & Company, Inc. (hereinafter "Respondent"), a New Jersey corporation with principal offices located at 51 Chestnut Ridge Road, Montvale, New Jersey, used the Site for the disposal of industrial waste from its paint manufacturing operations.

6. Sherwin-Williams Company, Inc. (hereinafter "Respondent"), a Ohio corporation with principal offices located at 101 Prospect Avenue NW, Cleveland, Ohio, used the Site for the disposal of industrial waste from its paint manufacturing operations.

7. On April 9, 1974 D & J Trucking & Waste Co., Inc. (hereinafter "D & J Trucking") purchased the Site from Sun Chemical Corporation. D & J Trucking's primary business at the Site was the collection and disposal of waste material ranging from industrial waste to construction debris. D & J Trucking, and its principals Dominick and Joseph Attanasi, disposed of this waste at various locations at the Site during the period of Site operation, as indicated in the Department's enforcement records which are incorporated herein by reference.

8. On June 26, 1975 Dominick Attanasi informed the Department that the Site was owned by the Newark Redevelopment and Housing Authority, not D & J Trucking. The Department was not able to substantiate this claim, although correspondence dated January 8, 1978 between the City of Newark Department of Engineering and the Newark Fire Department indicates that the Newark Redevelopment and Housing Authority owned the property during the course of D & J Trucking's operations at the Site.

9. On January 14, 1977 Sherwin-Williams Company submitted an Industrial Waste Survey to the Department which indicated that Sherwin-Williams disposed of waste paint and waste varnish with D & J Trucking.

10. On March 22, 1977 Benjamin Moore & Company submitted an Industrial Waste Survey to the Department which indicated that Benjamin Moore & Company disposed of waste paint sludge with D & J Trucking.

11. On April 7, 1977 the Newark Police Department observed Dominick Attanasi and an employee of D & J Trucking illegally dumping the contents of

numerous 55-gallon drums into a large, unlined, pit at the Site. Dominick Attanasi stated that the liquid he was pouring into the pit was paint wastewater collected from Benjamin Moore & Company. On April 11, 1977 Mr. J. Lewczak of Benjamin Moore & Company verified that this material was paint wastewater originating from Benjamin Moore & Company.

12. On April 12, 1977 the Department conducted an inspection at the Site which indicated that the Site was being used for the disposal of construction debris. While performing this inspection the Department was informed by Joseph Attanasi, the Secretary of D & J Trucking, that the Site was used as a transfer station for industrial waste.

13. On December 27, 1977 the Department visited Sherwin-Williams Company and Benjamin Moore & Company to ascertain the type and quantity of waste being disposed of with D & J Trucking. Mr. Lawrence Berg, Plant Manager of Benjamin Moore's facility on Lister Avenue, stated that Benjamin Moore disposed of 150 55-gallon drums of waste pigments and alkyd resins with D & J Trucking every month for the past ten years. Mr. W. Soltys, Plant Controller of Sherwin Williams' facility on Lister Avenue, stated that Sherwin-Williams disposed of 250 drums of waste pigments, alkyd resins, off-spec paint and waste varnish with D & J Trucking every month.

14. On March 17, 1978 D & J Trucking & Waste Co., Inc. allegedly sold the Site to the Newark Redevelopment and Housing Authority. At the time of this alleged sale, and for years afterward, numerous 55 gallon drums and other industrial debris were apparent throughout the Site.

15. On June 26, 1990 the United States Environmental Protection Agency conducted a Site Inspection to assess the general extent of contamination at the Site. This analysis of the samples collected during this inspection indicate the following:

<u>Soil</u>	
<u>Contaminant</u>	<u>Concentration (ppm)</u>
Arsenic	111
Chromium	259
Lead	1,750
Phenanthrene	65
Fluoranthene	99
Pyrene	55
Beta - BHC	2.3
4, 4' - DDE	2.3
Endosulfan II	2.9
PCB (Aroclor 1260)	37

<u>Surface Water</u>	
<u>Contaminant</u>	<u>Concentration (ppb)</u>
Barium	350
Chromium	112
Lead	689
Zinc	1,330

Acetone	54
Xylene(s)	25
Bis (2-ethylhexyl) phthalate	38
Beta - BHC	1.2
Endosulfan II	.26
4, 4' - DDE	.72

<u>Contaminant</u>	<u>Sediment</u>	<u>Concentration (ppb)</u>
Barium		304
Chromium		236
Copper		613
Lead		863
Zinc		2,930
Toluene		120
Ethylbenzene		4,000
Xylene(s)		12,000
1, 2 - Dichlorobenzene		2,500
Napthalene		4,400
Fluoranthene		2,100
Bis (2-ethylhexyl) phthalate		24,000
Endosulfan II		58
4, 4' - DDD		1,600
gamma- Chlordane		440

16. By entering this Administrative Consent Order, Respondents do not admit to any fact, fault or liability under any statute or regulation concerning the condition of the Site.

17. All of the Department's files concerning the Site are incorporated herein and made a part hereof.

18. The Department intends that the scope of the investigation and cleanup required by this Administrative Consent Order will include all contaminants at the above referenced Site, and all contaminants which are emanating from or which have emanated from the Site.

ORDER

I. Reimbursement of Prior Costs

19. Within thirty (30) calendar days after receipt of a written summary of the Department's costs incurred to the effective date of this Administrative Consent Order, Respondents shall submit payment to the Department for these costs, incurred in connection with the investigation of, and response to, the matters described in the Findings hereinabove, including the costs associated with the preparation of this Administrative Consent Order. Respondents shall make payment of the above amount by a cashier's or certified check payable to the

"Treasurer, State of New Jersey" and such payment shall be submitted with DEPE Form 062A.

II. Remedial Investigation and Action Requirements

20. Within forty-five (45) calendar days after the effective date of this Administrative Consent Order, Respondents shall submit to the Department a detailed Remedial Investigation Work Plan (hereinafter "RI Work Plan") in accordance with the Department's prevailing technical standards.

21. Within ninety (90) days after receipt of the Department's written approval of the RI Work Plan, Respondents shall implement and submit the results of the RI Work Plan in accordance with the Department's prevailing technical standards, along with one of the following:

- (a) A proposed no action alternative;
- (b) A proposed remedial action; or
- (c) A supplemental RI Work Plan.

22. Upon the Department's approval of a no action alternative submitted pursuant to Paragraph 21 above, no further action shall be required as specifically stated in the Department's approval.

23. Upon receipt of the Department's written approval of a remedial action plan, Respondents shall implement any Department-approved remedial action in accordance with the approved schedule.

24. If the Department approves a supplemental RI Work Plan pursuant to Paragraph 21 above, Respondents shall perform the additional work pursuant to Paragraph 21 above.

25. If the Department determines that any submittal made under this section is inadequate or incomplete, then the Department shall provide the Respondents with written notification of the deficiency(ies), and the Respondents shall revise and resubmit the required information within a reasonable period of time not to exceed thirty (30) days from receipt of such notification.

26. During the time this Administrative Consent Order is in effect, if the Department determines that additional remedial activities are required, Respondents shall conduct additional remedial activities as required by the Department in writing and submit a supplemental work plan.

III. Feasibility Study

27. If required by the Department, Respondents shall submit to the Department a Feasibility Study Report (hereinafter "FS Report") in accordance with the Department's prevailing technical standards.

IV. Permit Application Process for Remedial Activities

28. Within thirty (30) calendar days after receipt of the Department's written notification regarding the Department's selection of the remedial action, Respondents shall submit to the Department a detailed draft permit application submission schedule in accordance with the Department's prevailing technical standards for all relevant federal, State and local permit applications, certifications or modifications necessary to implement the selected remedial action.

29. Upon receipt of the Department's written approval of the permit application schedule, Respondents shall carry out the permit application process in accordance with the approved schedule.

30. This Administrative Consent Order shall not be construed to be a permit or in lieu of a permit for any activities which require permits and it shall not relieve Respondents from obtaining and complying with all applicable federal, State and local permits necessary for any activities which Respondents must perform in order to carry out the obligations of this Administrative Consent Order.

31. Respondents shall submit complete applications for all federal, State and local permits or permit modifications required to carry out the obligations of this Administrative Consent Order in accordance with the approved schedules.

32. Within thirty (30) calendar days after Respondents' receipt of written comments from the permitting agency concerning any permit application to a federal, State, or local agency, or within a time period extended in writing by the Department, Respondents shall modify the permit application to conform to the permitting agency's comments and resubmit the permit application to the agency. The determination as to whether or not the permit application, as resubmitted, conforms with the agency's comments or is otherwise acceptable to the agency shall be made solely by the agency.

33. The terms and conditions of any federal, State or local permit or permit modification issued to Respondents shall not be preempted by the terms and conditions of this Administrative Consent Order even if the terms and conditions of any such permit or permit modification are more stringent than the terms and conditions of this Administrative Consent Order.

34. To the extent that the terms and conditions of any federal, State or local permit or permit modification are substantially equivalent to the terms and conditions of this Administrative Consent Order, Respondents waive any rights they may have to contest such terms and conditions of any such permit.

V. Progress Reports

35. If requested by the Department, Respondents shall submit quarterly progress reports to the Department in accordance with the next Paragraph. Respondents shall submit the first progress report on or before the last calendar day of the fourth calendar month following the effective date of this Administrative Consent Order. Respondents shall submit a progress report

thereafter on or before the last calendar day of the month following the next three calendar months being reported.

36. Respondents shall detail the status of Respondents' compliance with this Administrative Consent Order in each progress report and shall include the following:

i. Identification of the contaminated site and a reference to this Administrative Consent Order, including signatory parties and effective date;

ii. Identification of specific requirements of this Administrative Consent Order, including the corresponding Paragraph number and schedule, which were initiated during the reporting period;

iii. Identification of specific requirements of this Administrative Consent Order, including the corresponding Paragraph number and schedule, which were initiated in a previous reporting period, which are still in progress and which will continue to be carried out during the next reporting period;

iv. Identification of specific requirements of this Administrative Consent Order, including the corresponding Paragraph number and schedule, which were completed during this reporting period;

v. Identification of specific requirements of this Administrative Consent Order, including the corresponding Paragraph numbers and schedule, which were scheduled to have been completed during the reporting period and were not;

vi. An explanation of each specific requirement of this Administrative Consent Order not met, including actions taken or to be taken to address each such requirement;

vii. Identification of the specific requirements of this Administrative Consent Order, including the corresponding Paragraph number and schedule, that will be initiated during the next reporting period; and,

viii. All data generated during the reporting period which indicate that conditions at the contaminated Site exceed federal, state or local human health based standards or criteria, or in the absence thereof, any data which indicate potential human health concerns; and

ix. All reports and other information required pursuant to any work plan or report the Department approves pursuant to this Administrative Consent Order.

VI. Project Coordination

37. Respondents shall submit to the Department all documents required by this Administrative Consent Order, including correspondence relating to force majeure issues, by delivery with an acknowledgement of receipt from the Department. The date that the Department executes the acknowledgement will be the date the Department uses to determine Respondents' compliance with the

requirements of this Administrative Consent Order and the applicability of stipulated penalties and any other remedies available to the Department.

38. Within seven (7) calendar days after the effective date of this Administrative Consent Order, Respondents shall submit to the Department the name, title, address and telephone number of the individual who shall be Respondents' technical contact for the Department for all matters concerning this Administrative Consent Order and Respondents shall designate an agent for the purpose of service for all matters concerning this Administrative Consent Order and shall provide the Department with the agent's name and address.

39. Unless otherwise directed in writing by the Department, Respondents shall submit all payments and four (4) copies of all documents required by this Administrative Consent Order to the individual identified below, who shall be the Department's contact for Respondents for all matters concerning this Administrative Consent Order:

New Jersey Department of Environmental Protection and Energy
Division of Responsible Party Site Remediation
Responsible Party Cleanup Element
401 East State Street, 5th floor
CN 028
Trenton, New Jersey 08625
Attention: Section Chief

40. Respondents shall notify, both verbally and in writing, the contact person listed above at least fourteen (14) calendar days prior to the initiation of any field activities.

VII. Financial Assurances and Project Cost Review

41. Within five (5) calendar days after the effective date of this Administrative Consent Order, Respondents shall obtain and provide to the Department financial assurance in a form acceptable to the Department in the amount of \$500,000. The financial assurance shall conform with the requirements of this Administrative Consent Order.

42. Respondents shall select a financial institution or surety, and a trustee, that shall agree in writing to be subject to the jurisdiction of New Jersey courts for all claims made by the Department against the financial assurance. Within fourteen (14) calendar days after the effective date of this Administrative Consent Order, Respondents shall submit the written agreement with such financial institution or surety and the trustee to the Department with the financial assurance.

43. The financial assurance shall meet the following requirements:

(a) Irrevocable letter of credit:

i. The wording of the irrevocable letter of credit shall be identical to the wording specified in Appendix A;

ii. The irrevocable letter of credit shall be issued by a New Jersey State or federally chartered bank, savings bank, or savings and loan association, which, unless otherwise approved by the Department in writing, has its principal office in New Jersey; and,

iii. The irrevocable letter of credit shall be accompanied by a letter from Respondents referring to the irrevocable letter of credit by number, issuing institution and date and providing the following information: the name and address of the Site which is the subject of the Administrative Consent Order and the amount of funds securing the Respondents' performance of all obligations under the Administrative Consent Order.

iv. The irrevocable letter of credit shall be accompanied by an irrevocable standby trust fund which wording shall be identical to the wording specified in Appendix B.

v. The irrevocable standby trust fund may, at the discretion of the Department, be the depository for all funds paid pursuant to a draft by the Department against the letter of credit.

(b) Surety bond:

i. The wording of the surety bond shall be identical to the wording specified in Appendix D;

ii. The surety company issuing the surety bond shall be among those listed as acceptable sureties on Federal bonds in the most recent version of Circular 570 issued by the U.S. Department of the Treasury, which is published annually on July 1 in the Federal Register; and

iii. The surety bond shall be accompanied by a letter from Respondents referring to the surety bond by number, issuing institution and date and providing the following information: the name and address of the Site which is the subject of the Administrative Consent Order and the amount of funds securing Respondents' performance of all its obligations under the Administrative Consent Order.

iv. The surety bond shall be accompanied by an irrevocable standby trust fund which wording shall be identical to the wording specified in Appendix B.

v. The irrevocable standby trust fund may, at the discretion of the Department, be the depository for all funds paid pursuant to a draft by the Department against the surety bond.

(c) Fully funded trust:

i. The wording of the fully funded trust shall be identical to the wording specified in Appendix C.

ii. The trustee shall be an entity which has the authority to act as a trustee and whose trust operations are regulated and examined by a Federal or New

Jersey agency. The trustee shall agree to be subject to the jurisdiction of New Jersey courts.

iii. An executed certification of acknowledgement that is identical to the wording specified in Appendix B shall be submitted to the Department with the fully funded trust and the irrevocable standby trust.

44. In the event that the Department determines that Respondents have failed to perform any of the obligations under this Administrative Consent Order, the Department may proceed to draw on that amount of the financial assurance necessary to complete the performance of the obligation; provided, however, that before the Department takes this action, the Department shall notify Respondents in writing of the obligation(s) which they have not performed, and shall have thirty (30) calendar days after receipt of such notice, unless extended in writing by the Department, to remedy the failure to perform such obligation. Notwithstanding any other provisions of this Administrative Consent Order, Respondents reserves their right, if any, to commence an action seeking judicial review of the Department's draw-down or expenditure of the financial assurance at any time after such draw-down has occurred. During the pendency of such an action, Respondents will not seek to enjoin the Department from the drawing down of funds or the expenditure of funds drawn down pursuant to this provision. Penalties assessed for violations of this Administrative Consent Order shall not be drawn against the financial assurance.

45. At any time, Respondents may apply to the Department to substitute other financial assurances as specified by this subchapter, in a form, and manner acceptable to the Department.

46. Upon the Department approval of a remedial action, the Respondents shall amend the amount of the financial assurance, specified in Paragraph 41 above, to equal the estimated cost of implementation of the approved remedial action, or shall provide such other financial assurance as may be approved by the Department in an amount equal to the estimated cost of implementation of the approved remedial action.

47. The Respondents shall comply with the following project cost reviews requirements:

(a) Beginning three hundred sixty-five (365) calendar days after the effective date of this Administrative Consent Order, and annually thereafter on the same calendar day, the Respondents shall submit to the Department a detailed review of all costs required for the Respondents compliance with this Administrative Consent Order, including:

i. A detailed summary of all monies spent to date pursuant to this Administrative Consent Order;

ii. The estimated cost of all future expenditures required to comply with this Administrative Consent Order, including any operation, maintenance and monitoring costs; and

iii. The reason for any changes from the previously submitted cost review.

(b) At any time after the Respondents submit the first cost review pursuant to the preceding Paragraph, the Respondents may request the Department's approval to reduce the amount of the financial assurance to reflect the remaining costs of performing the obligations under this Administrative Consent Order. If the Department grants written approval of such a request, the Respondents may amend the amount of the then existing financial assurance consistent with that approval.

(c) If the estimated costs of meeting the Respondents obligations in this Administrative Consent Order at any time increase to an amount greater than the financial assurance, the Respondents shall:

i. Within thirty (30) calendar days after receipt of written notice of the Department's determination, increase the amount of the then existing financial assurance or provide additional financial assurance to an amount equal to the Department's approved estimated cost; and

ii. Upon notification from the Department pursuant to Paragraph 93 that the obligations of the Administrative Consent Order have been satisfied, the Respondents shall be relieved of any further obligation to maintain in full force and effect the financial assurance required by this Administrative Consent Order for the Site which is the subject of this Administrative Consent Order. Upon the Department's written approval of the completion of any cleanup required by this Administrative Consent Order, as verified by final Site inspection and upon the Respondents' satisfaction of all financial obligations in connection therewith, the Respondents shall be relieved of any further obligation to maintain in full force and effect the financial assurance required by this Administrative Consent Order for the facility at which the approved cleanup has been completed.

VIII. Oversight Cost Reimbursement

48. Within thirty (30) calendar days after receipt from the Department of a summary, of the Department's costs, including all accrued interest incurred pursuant to paragraph 49 below, Respondents shall submit to the Department a cashier's or certified check payable to the "Treasurer, State of New Jersey" and submitted with DEPE Form 062A, for the full amount of the Department's oversight costs, for the period being charged.

49. Interest shall accrue on the unpaid balance of oversight costs, beginning at the end of the thirty (30) calendar day period established in the preceding Paragraph, at the rate established by Rule 4:42 of the current edition of the Rules Governing the Courts of the State of New Jersey.

IX. Stipulated Penalties

50. Respondents agrees to pay stipulated penalties to the Department for Respondents' failure to comply with any of the deadlines, schedules or requirements of this Administrative Consent Order including those established and approved by the Department in writing pursuant to this Administrative Consent Order. Each day of violation for each deadline, schedule or requirement not

complied with shall be an additional, separate and distinct violation. Nothing herein shall prevent the simultaneous accrual of separate penalties for separate violations of this Administrative Consent Order. Each signatory to this Administrative Consent Order shall be jointly and severally liable for stipulated penalties for violations of this Administrative Consent Order which result in the Department's issuance of a demand for stipulated penalties.

51. Stipulated penalties shall begin to accrue on the first calendar day after the performance is due or noncompliance occurs and not at the time the Department gives notice of the violation or non-compliance to Respondents or issues a written demand for stipulated penalties. Stipulated penalties shall then continue to accrue through the final day of correction of the non-compliance. The Department may determine that a submittal of insufficient quality constitutes non-compliance and one or more violations of this Administrative Consent Order. Stipulated penalties for such violations shall accrue from the date Respondents made the submission for sixty (60) calendar days, unless the Department provides Respondents with written notice that stipulated penalties for such violations continue to accrue beyond that sixty (60) day period. In which case stipulated penalties will continue to accrue until Respondents corrects the non-compliance.

52. Respondents' payment of stipulated penalties for Respondents' failure to comply with the deadlines, schedules and requirements associated with the major deliverables and tasks required by this Administrative Consent Order, as identified below, shall be made according to this Paragraph:

(a) Major violations include Respondents' failure, according to the schedules in the Administrative Consent Order, to:

- i. Submit any remedial investigation workplans;
- ii. Submit any remedial action workplans;
- iii. Implement any approved remedial investigation workplan;
- iv. Implement any approved remedial action workplan;
- v. Implement any approved interim response actions;
- vi. Submit permit applications;
- vii. Satisfy any financial assurance requirement;
- viii. Failure to allow the Department or its authorized agents access to the Site; and
- ix. Implementation and recording of permanent use and/or access restrictions.
- x. Reimbursement of oversight costs, including prior costs; and
- xi. Submit payment of penalty or damage payments.

(b) Respondents agree to pay stipulated penalties for the major violations, identified in (a) above, up to the following amounts as determined by the Department:

Calendar Days After Due Date	Stipulated Penalties per Calendar Day
1 - 14	\$ 1,000
15 - 29	\$ 2,500
30 - 44	\$ 5,000
45 - 59	\$ 10,000
60 - over	\$ 25,000

(c) Respondents agree to pay stipulated penalties for all other violations, not identified in (a) above, up to the following amounts as determined by the Department:

Calendar Days After Due Date	Stipulated Penalties per Calendar Day
1 - 14	\$ 200
15 - 29	\$ 500
30 - 44	\$ 1,000
45 - 59	\$ 5,000
60 - over	\$ 10,000

53. Stipulated penalties shall be due and payable thirty (30) calendar days after Respondents' receipt of a written demand by the Department. Respondents shall make payment of stipulated penalties by a cashier's or certified check payable to the "Treasurer, State of New Jersey" submitted with DEPE Form 062A, and shall be accompanied by a letter referencing this Administrative Consent Order and the Department's written demand for stipulated penalties.

54. Respondents shall regard payments of stipulated penalties pursuant to this Administrative Consent Order as payments of civil or civil administrative penalties.

55. The payment of stipulated penalties does not alter Respondents' responsibility to complete any requirement of this Administrative Consent Order.

56. If Respondents fail to pay stipulated penalties pursuant to this section, the Department may take additional enforcement action, including without limitation, instituting civil proceedings to collect such penalties or assessing civil administrative penalties.

X. Reservation of Rights

57. The Department reserves the right to unilaterally terminate this Administrative Consent Order in the event Respondents violate the terms or fail to meet the obligations of this Administrative Consent Order.

58. Nothing in this Administrative Consent Order shall preclude the Department from seeking civil or civil administrative penalties, costs and damages or any other legal or equitable relief against Respondents for matters not set forth in the Findings of this Administrative Consent Order. The Department reserves the right to conduct any remediation itself at any time.

59. Nothing in this Administrative Consent Order, including the Department's assessment of stipulated penalties, shall preclude the Department from seeking civil or civil administrative penalties or any other legal or equitable relief against Respondents for violations of this Administrative Consent Order. In any such action brought by the Department under this Administrative Consent Order for injunctive relief, civil, or civil administrative penalties or collection of stipulated penalties, Respondents may raise, among other defenses, a defense that Respondents failed to comply with a decision of the Department, made pursuant to this Administrative Consent Order, on the basis that the Department's decision was arbitrary, capricious or unreasonable. If Respondents are successful in establishing such a defense based on the administrative record, Respondents shall not be liable for penalties for failure to comply with that particular requirement of the Administrative Consent Order. Similarly, in the event that Respondents prevail in any proceeding in which Respondents allege that the Department acted arbitrarily, capriciously, or unreasonably in exercising its right under to draw on the financial assurance, the Department will refund, to the account of the financial assurance the amount of the funds so drawn. Although Respondents may raise such defenses in any action initiated by the Department for injunctive relief or stipulated penalties, Respondents hereby agree not to otherwise seek review of any decision made or to be made by the Department pursuant to this Administrative Consent Order and under no circumstances shall Respondents initiate any action or proceeding challenging any decision made or to be made by the Department pursuant to this Administrative Consent Order.

60. This Administrative Consent Order shall not be construed to affect or waive the claims of federal or State natural resources trustees against Respondents for damages for injury to, destruction of, or loss of natural resources, unless expressly provided herein, and then only to the extent expressly provided herein.

61. The Department reserves the right to require Respondents to take or arrange for the taking of any and all additional measures if the Department determines that such actions are necessary to protect human health or the environment.

62. Notwithstanding any other provision of this Administrative Consent Order, Respondents reserves its right to challenge, as a contested case pursuant to N.J.S.A. 52:14B-1 et seq., that the Department's draw on the financial assurance provided pursuant to this Administrative Consent Order was arbitrary, capricious or unreasonable; Respondents agree, however, not to initiate any such challenge until after the Department has corrected or implemented the requirement of this Administrative Consent Order which was the focus of the Department's draw. The Department reserves its right to contest any such action.

XI. Force Majeure

63. If any event specified in the following Paragraph occurs which Respondents believe or should believe will or may cause delay in the compliance or cause non-compliance with any provision of this Administrative Consent Order, Respondents shall notify the Department in writing within seven (7) calendar days of the start of delay or knowledge of the anticipated delay, as appropriate, referencing this Paragraph and describing the anticipated length of the delay, the precise cause or causes of the delay, any measures taken or to be taken to minimize the delay, and the time required to take any such measures to minimize the delay. Respondents shall take all necessary action to prevent or minimize any such delay.

64. The Department will extend in writing the time for performance for a period no longer than the delay resulting from such circumstances as determined by the Department only if:

(a) Respondents have complied with the notice requirements of the preceding Paragraph;

(b) Any delay or anticipated delay has been or will be caused by fire, flood, riot, strike or other circumstances beyond the control of Respondents; and

(c) Respondents have taken all necessary action to prevent or minimize any such delay.

65. The burden of proving that any delay is caused by circumstances beyond the control of Respondents and the length of any such delay attributable to those circumstances shall rest with Respondents.

66. "Force Majeure" shall not include the following:

(a) Delay in an interim requirement with respect to the attainment of subsequent requirements;

(b) Increases in the cost or expenses incurred by Respondents in fulfilling the requirements of this Administrative Consent Order;

(c) Contractor's breach, unless Respondents demonstrate that such breach falls within Paragraph 64, above; and

(d) Failure to obtain access required to implement this Administrative Consent Order, unless denied by a court of competent jurisdiction.

XII. General Provisions

67. Respondents shall, in addition to any other obligation required by law, notify the Department contact identified in Paragraph 39 immediately upon knowledge of any condition posing an immediate threat to human health and the environment. The Department reserves the right to stop any construction, improvement(s), or change(s) at the Site subject to this Administrative Consent

Order, due to the presence of hazardous substances or wastes, the disturbance of which, prior to implementation of the Department-approved remedial action, has the potential to cause a threat to human health and the environment as determined by the Department.

68. In the event that the Department determines that a meeting concerning the remediation of the Site is necessary at any time, Respondents shall ensure that the Respondents' appropriate representatives are prepared and available for, and participate in such a meeting upon written notification from the Department of the date, time and place of such meeting.

69. In addition to the Department's statutory and regulatory rights to enter and inspect, the Newark Redevelopment and Housing Authority shall allow the Department and its authorized representatives access to the Site at all times for the purpose of monitoring Respondents' compliance with this Administrative Consent Order and/or to perform any remedial activities Respondents fail to perform as required by this Administrative Consent Order.

70. Respondents shall not construe any informal advice, guidance, suggestions, or comments by the Department, or by persons acting on behalf of the Department, as relieving Respondents of their obligation to obtain written approvals as required herein.

71. Respondents shall perform all work conducted pursuant to this Administrative Consent Order in accordance with prevailing professional standards.

72. Respondents shall provide a copy of this Administrative Consent Order to each contractor and subcontractor retained to perform the work required by this Administrative Consent Order and shall condition all contracts and subcontracts entered for the performance of such work upon compliance with the terms and conditions of this Administrative Consent Order. Respondents shall be responsible to the Department for ensuring that its contractors and subcontractors perform the work herein in accordance with this Administrative Consent Order.

73. Respondents shall conform all actions required by this Administrative Consent Order with all applicable federal, state and local laws and regulations.

74. Nothing in this Administrative Consent Order shall relieve Respondents from complying with all other applicable laws and regulations. Compliance with the terms of this Administrative Consent Order shall not excuse the Respondents from obtaining and complying with any applicable federal, state or local permits, statutes, regulations and/or orders while carrying out the obligations imposed by this Administrative Consent Order. This Administrative Consent Order shall not preclude the Department from requiring that the Respondents obtain and comply with any permits, and/or orders issued by the Department under the authority of the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., and the Spill Compensation and Control Act, N.J.S.A. 58:10-23.11 et seq., for the matters covered herein. Should any of the measures to be taken by the Respondents during the remediation of any ground water and surface water

pollution result in a new or modified discharge as defined in the New Jersey Pollutant Discharge Elimination System ("NJPDES") regulations, N.J.A.C. 7:14A-1 et seq., then the Respondents shall obtain a NJPDES permit or permit modification from the Department prior to commencement of the activity.

75. All work plans and documents required by this Administrative Consent Order and approved in writing by the Department are incorporated herein and made a part hereof.

76. Respondents shall preserve all potential evidentiary documentation found at the Site until written approval is received from the Department to do otherwise, including without limitation, documents, labels, drums, bottles, boxes or other containers, and/or other physical materials that could lead to the establishment of the identity of any person which generated, treated, transported, stored or disposed of contaminants at the Site.

77. Upon the receipt of a written request from the Department, Respondents shall submit to the Department all data and information, including technical records and contractual documents, concerning contamination at the Site, including raw sampling and monitor data, whether or not such data and information, including technical records and contractual documents, was developed pursuant to this Administrative Consent Order.

78. Obligations and penalties of this Administrative Consent Order are imposed pursuant to the police powers of the State of New Jersey for the enforcement of law and the protection of the human health, safety and welfare and are not intended to constitute debt or debts which may be limited or discharged in a bankruptcy proceeding. No obligations imposed by this Administrative Consent Order are intended to constitute a debt, claim, penalty or other civil action which could be limited or discharged in a bankruptcy proceeding.

79. Respondents hereby consent to and agree to comply with this Administrative Consent Order which shall be fully enforceable as an Administrative Order in the New Jersey Superior Court pursuant to the Department's statutory authority.

80. No modification or waiver of this Administrative Consent Order shall be valid except by written amendment to this Administrative Consent Order duly executed by Respondents and the Department. Any amendment to this Administrative Consent Order shall be executed by the Department and all Respondents. The Department reserves the right to require the resolution of any outstanding violations of the rules or this Administrative Consent Order prior to executing any such amendment.

81. Respondents waive their right to an administrative hearing concerning the entry of this Administrative Consent Order.

82. This Administrative Consent Order shall be governed and interpreted under the laws of the State of New Jersey.

83. If any provision of this Administrative Consent Order or the application thereof to any person or circumstance shall, to any extent, be

invalid or unenforceable, the remainder of this Administrative Consent Order or the application of such provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby and each provision of this Administrative Consent Order shall be valid and enforced to the fullest extent permitted by law.

84. This Administrative Consent Order represents the entire integrated agreement between the Department and Respondents and supersedes all prior negotiations, representations or agreements, either written or oral, unless otherwise specifically provided herein.

85. Within thirty (30) calendar days after the effective date of this Administrative Consent Order, Respondents shall record a copy of this Administrative Consent Order with the County Clerk, Essex County, State of New Jersey and shall provide the Department with written verification of compliance with this Paragraph which shall include a copy of this Administrative Consent Order stamped "Filed" by the County Clerk.

86. Any officer or management official of the Respondents who knowingly direct or authorize the violation of any provision of this Administrative Consent Order shall be personally liable for the penalty established pursuant to the Solid Waste Management Act, the Spill Act and the Water Pollution Control Act.

87. The Site or any portion thereof may be freely alienated provided that Newark Redevelopment and Housing Authority complies with the requirements in this Paragraph and all other applicable law.

(a) At least ninety (90) calendar days prior to the date of such alienation, the Newark Redevelopment and Housing Authority shall notify the Department in writing of the proposed alienation, the name of the grantee, the extent of the alienation, and a description of the grantor's continuing obligations, if any, which grantee has agreed to perform.

(b) At least ninety (90) calendar days prior to transfer of ownership of the Site, or a portion thereof, which is the subject of this Administrative Consent Order, the Newark Redevelopment and Housing Authority shall notify the transferee of the existence of this Administrative Consent Order and shall simultaneously verify to the Department that such notice has been given.

(c) Any contract to alienate the Site shall require the grantee to allow the implementation and continuation of all activities and obligations pursuant to this Administrative Consent Order and to allow Respondents, the Department and its authorized representatives access to the Site for purposes of such activities and obligations. Any alienation shall not affect Respondents' obligations under this Administrative Consent Order.

(d) The Newark Redevelopment and Housing Authority shall include in any instrument of conveyance, including but not limited to a deed, title, lease, easement or license for the Site a written notice that the Site is the subject of this Administrative Consent Order. Any such instrument of conveyance shall be subject to the requirements set forth in this Administrative Consent Order regarding the use of the Site and deed restrictions.

88. This Administrative Consent Order shall be binding, jointly and severally, on each signatory, its successors, assignees and any trustee in bankruptcy or receiver appointed pursuant to a proceeding in law or equity. No change in the ownership or corporate status of any signatory or of the facility or Site shall alter signatory's responsibilities under this Administrative Consent Order.

89. Respondents shall preserve, during the pendency of this Administrative Consent Order and for a minimum of ten (10) years after its termination, all data and information, including technical records, potential evidentiary documentation and contractual documents, in its possession or in the possession of their divisions, employees, agents, accountants, contractors, or attorneys which relate in any way to the contamination at the Site, despite any document retention policy to the contrary. After this ten year period, Respondents may make a written request to the Department to discard any such documents. Such a request shall be accompanied by a description of the documents involved, including the name of each document, date, name and title of the sender and receiver and a statement of contents. Upon receipt of written approval by the Department, Respondents may discard only those documents that the Department does not require to be preserved for a longer period. Upon receipt of a written request by the Department, Respondents shall submit to the Department all data and information, including technical records and contractual documents or copies of the same. Respondents reserve whatever rights they may have, if any, to assert any privileges or a privilege regarding such data or information, however, Respondents agree not to assert confidentiality claims with respect to any data related to Site conditions, sampling, or monitoring.

90. Respondents agree not to contest the authority or jurisdiction of the Department to issue this Administrative Consent Order; Respondents further agree not to contest the terms or conditions of this Administrative Consent Order except as to interpretation or application of such specific terms and conditions that are being enforced in any action brought by the Department to enforce the provisions of this Administrative Consent Order. Respondents reserve all of their rights pursuant to the Spill Act concerning the Department's selection of any remedial action pursuant to this Administrative Consent Order.

91. Respondents shall provide to the Department written notice of the dissolution of its corporate or partnership identity, the liquidation of the majority of its assets or the closure, termination or transfer of operations at least thirty (30) calendar days prior to such action. Upon such notice, Respondents shall submit a cost review pursuant to Paragraph 47 to the Department. Respondents shall also provide written notice to the Department of a filing of a petition for bankruptcy no later than the first business day after such filing. These requirements shall be in addition to any other statutory requirements arising from the dissolution of corporate or partnership identity, the liquidation of the majority of assets, or the closure, termination or transfer of operations. Upon receipt of notice of dissolution of corporate identity, liquidation of assets or filing of a petition for bankruptcy, the Department may request and, within fourteen (14) days of the Department's written request, the Respondents shall obtain and submit to the Department additional financial assurance pursuant to this Administrative Consent Order.

92. Respondents shall not make any use of the Site or take any actions at the Site inconsistent with this Administrative Consent Order. The Newark Redevelopment and Housing Authority shall impose such use and/or access restrictions as may be deemed necessary by the Department. The use and access restrictions are to run with the land and be for the benefit of and enforceable by the Department and any citizen which is or may be damaged as a result of violations of the use and access restrictions. The use and access restrictions shall provide actual and constructive notice to any subsequent grantee of the locations and concentrations of all contaminants which remain at the Site and of the use and access restrictions imposed. Within thirty (30) calendar days after Respondents' receipt of a written request from the Department, Respondents shall record the restrictions with the County Clerk, Essex County, State of New Jersey, and provide the Department with a copy of this Administrative Consent Order stamped "Filed" by the County Clerk.

93. Except as otherwise provided, the requirements of this Administrative Consent Order shall be deemed satisfied upon the receipt by Respondents of written notice from the Department that Respondents have demonstrated, to the satisfaction of the Department, that Respondents have completed the substantive and financial obligations imposed by this Administrative Consent Order. Such written notice shall not relieve Respondents from the obligation to conduct future investigation or remediation activities pursuant to federal, state or local laws for matters not addressed by this Administrative Consent Order. Furthermore, such written notice shall not terminate the obligations and requirements set forth in the preceding six (6) Paragraphs.

94. Except as otherwise set forth herein, by the execution of this Administrative Consent Order the Department does not release Respondents from any liabilities or obligations any person may have pursuant to any other authority, nor does the Department waive any of its rights or remedies pursuant thereto.

95. Respondents shall submit to the Department, along with the executed original Administrative Consent Order, documentary evidence in the form of a corporate resolution, that the signatories have the authority to bind Respondents to the terms of this Administrative Consent Order.

96. The Department will consider a request for an extension of time to perform any requirement under this Administrative Consent Order, provided that any extension request is submitted to the Department two weeks prior to any applicable deadline to which the extension request refers.

97. Respondents expressly agree that in the event that any Respondent fails or refuses to perform any obligation(s) under this Administrative Consent Order as determined by the Department, the Department shall have the right to exercise any option or combination of options available to the Department under this Administrative Consent Order, or any other statute.

98. This Administrative Consent Order shall be effective upon the execution of this Administrative Consent Order by the Department and the Respondents. The Respondents shall return a fully executed Administrative Consent Order to the Department together with the financial assurance required by Paragraph 41 above, and signature authorization required by Paragraph 95 above within five (5) business days from the effective date.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

Date _____

BY: _____
Ronald T. Corcory, Assistant Director
Responsible Party Cleanup Element

NEWARK REDEVELOPMENT AND HOUSING AUTHORITY

Date _____

BY: _____
Signature

Print Full Name Signed Above

Title

DOMINICK ATTANASI

Date _____

By: _____
Signature

Print Full Name Signed Above

Title

JOSEPH ATTANASI

Date _____

BY: _____
Signature

Print Full Name Signed Above

Title

BENJAMIN MOORE & COMPANY, INC.

Date _____

BY: _____
Signature

Print Full Name Signed Above

Title

SHERWIN-WILLIAMS COMPANY, INC.

Date _____

By: _____
Signature

Print Full Name Signed Above

Title

DEPARTMENT CERTIFICATION

I swear that on the _____ day of _____ and in my presence
_____ did affix his/her signature to this
Administrative Consent Order.

Signature of Notary/Seal



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I IDENTIFICATION
01 STATE NJ 02 SITE NUMBER 1008

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Newark Housing Authority Property		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 291-549 Avenue P				
03 CITY Newark		04 STATE NJ	05 ZIP CODE 07105	06 COUNTY Essex	07 COUNTY CODE	08 C D
09 COORDINATES LATITUDE 40 43 30.0 LONGITUDE 074 08 00.0		10 TYPE OF OWNERSHIP (Check one) <input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input checked="" type="checkbox"/> F. OTHER Newark Housing Authority <input type="checkbox"/> G. UNKNOWN				

III. INSPECTION INFORMATION

01 DATE OF INSPECTION 02 / 08 / 82 MONTH DAY YEAR	02 SITE STATUS <input type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> INACTIVE	03 YEARS OF OPERATION 1 BEGINNING YEAR ENDING YEAR X UNKNOWN
04 AGENCY PERFORMING INSPECTION (Check all that apply) <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR FCHA <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR <input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR <input type="checkbox"/> G. OTHER		

05 CHIEF INSPECTOR Michael Rosenberg	06 TITLE Senior Environmental Eng.	07 ORGANIZATION FCHA	08 TELEPHONE NO. (201) 621-68
09 OTHER INSPECTORS Frances Barker	10 TITLE Chemist	11 ORGANIZATION FCHA	12 TELEPHONE NO. (201) 621-68
			()
			()
			()
			()

13 SITE REPRESENTATIVES INTERVIEWED Frank Lacapra	14 TITLE Newark Housing Authority	15 ADDRESS 57 Sussex Avenue	16 TELEPHONE NO. (201) 430-24
			()
			()
			()
			()
			()

17 ACCESS GAINED BY (Check one) <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT	18 TIME OF INSPECTION 10:30 am	19 WEATHER CONDITIONS Sunny, cold
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IV. INFORMATION AVAILABLE FROM

01 CONTACT Dr. Richard Spear	02 OF (Agency/Organization) EPA-Edison	03 TELEPHONE NO. (201) 321-6681		
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM Michael Rosenberg	05 AGENCY FCHA	06 ORGANIZATION FIT Team	07 TELEPHONE NO. (201) 621-6800	08 DATE 03 / 12 / 82 MONTH DAY YEAR



☐ I. HIGHLY VOLATILE
☐ J. EXPLOSIVE
☐ K. REACTIVE
☐ L. INCOMPATIBLE
☐ M. NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Groundwater contamination is likely, however groundwater is not used for potable purposes.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☒ OBSERVED (DATE: 2/8) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Surface water drains into Plum Creek and eventually into Newark Bay. Plum Creek was a pale green color and 55 gallon drums were present along its banks.

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

A-landfill fire could occur if incompatible chemicals were dumped.

01 ☒ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Site access is not restricted. Drums are easily reached by walking on the property.

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: 2/8) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Soil has been contaminated by landfilling of wastes. Discoloration of soil was observed.

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A

01 ☒ H. WORKER EXPOSURE/INJURY 02 ☒ OBSERVED (DATE: 2/8) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Building construction has taken place on this property and more is anticipated. The hazard to workers is great when excavating this area.

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continue)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/Leaks/Overflowing Ponds, Leaking Drums)

02 ☒ OBSERVED (DATE: 2/8)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

There is no containment of waste. Broken drums are visible with runoff to the adjacent creek.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 2/8)

☐ POTENTIAL

☐ ALLEGED

There is no site security. Illegal dumping of wastes occurs frequently in this section of Newark.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

N/A

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION (For specific references, e.g., data files, sample analyses, reports)

site inspection 2/8/82



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A. NPDES				
<input type="checkbox"/> B. UIC				
<input type="checkbox"/> C. AIR				
<input type="checkbox"/> D. RCRA				
<input type="checkbox"/> E. RCRA INTERIM STATUS				
<input type="checkbox"/> F. SPCC PLAN				
<input checked="" type="checkbox"/> G. STATE <u>Solid Waste Registration</u>	0714K			NHA Landfill Disruption
<input type="checkbox"/> H. LOCAL	0714N			Synfax Co. Landfill Disrup
<input type="checkbox"/> I. OTHER	0714O			NHA Landfill Disruption
<input type="checkbox"/> J. NONE	0714P			NHA Landfill Disruption

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input type="checkbox"/> A. SURFACE IMPOUNDMENT			<input type="checkbox"/> A. INCINERATION	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE
<input type="checkbox"/> B. PILES			<input type="checkbox"/> B. UNDERGROUND INJECTION	
<input checked="" type="checkbox"/> C. DRUMS, ABOVE GROUND	200	drums	<input type="checkbox"/> C. CHEMICAL/PHYSICAL	
<input type="checkbox"/> D. TANK, ABOVE GROUND			<input type="checkbox"/> D. BIOLOGICAL	
<input type="checkbox"/> E. TANK, BELOW GROUND			<input type="checkbox"/> E. WASTE OIL PROCESSING	
<input checked="" type="checkbox"/> F. LANDFILL	Unknown		<input type="checkbox"/> F. SOLVENT RECOVERY	
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	
<input type="checkbox"/> H. OPEN DUMP			<input type="checkbox"/> H. OTHER	
<input type="checkbox"/> I. OTHER				

07 COMMENTS

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☒ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

Some drums are visible protruding through the ground surface. Others are in piles above the ground. All drums are rusted and broken.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☒ YES ☐ NO

02 COMMENTS

The site is easily accessible to both vehicles and pedestrians from Avenue P.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analyses, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE 02 SITE NUMBER

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as appropriate)		02 STATUS			03 DISTANCE TO SITE	
SURFACE WELL		ENDANGERED AFFECTED MONITORED				
COMMUNITY	A. <input checked="" type="checkbox"/> B. <input type="checkbox"/>	A. <input type="checkbox"/> B. <input type="checkbox"/> C. <input checked="" type="checkbox"/>	A. 20 (mi)			
NON-COMMUNITY	C. <input type="checkbox"/> D. <input type="checkbox"/>	D. <input type="checkbox"/> E. <input type="checkbox"/> F. <input type="checkbox"/>	B. (mi)			

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING
(Other sources available)
COMMERCIAL, INDUSTRIAL, IRRIGATION
(No other water sources available)

☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION
(Limited other sources available) ☒ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER 0		03 DISTANCE TO NEAREST DRINKING WATER WELL > 10 (mi)	
04 DEPTH TO GROUNDWATER 5 (ft)	05 DIRECTION OF GROUNDWATER FLOW Tidal	06 DEPTH TO AQUIFER OF CONCERN N/A (ft)	07 POTENTIAL YIELD OF AQUIFER N/A (gpd)
		08 SOLE SOURCE AQUIFER <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

09 DESCRIPTION OF WELLS (including size, depth, and location relative to population and buildings)

N/A

10 RECHARGE AREA

☐ YES ☒ NO
COMMENTS

11 DISCHARGE AREA

☒ YES ☐ NO
COMMENTS

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☐ A. RESERVOIR, RECREATION
DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY
IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☒ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME	AFFECTED	DISTANCE TO SITE
Plum Creek	<input type="checkbox"/>	crosses site (mi)
Newark Bay	<input type="checkbox"/>	5 (mi)
	<input type="checkbox"/>	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN			02 DISTANCE TO NEAREST POPULATION
ONE (1) MILE OF SITE A. 20,000 NO. OF PERSONS	TWO (2) MILES OF SITE B. 100,000 NO. OF PERSONS	THREE (3) MILES OF SITE C. 250,000 NO. OF PERSONS	3/4 (mi)
03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE Thousands			04 DISTANCE TO NEAREST OFF-SITE BUILDING 200 feet (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

The site is located in a heavily industrialized section of Newark. Many people work in factories within one (1) mile of the site. Flexcraft, Alliance Chemical, Schnoll Foods, and Synfax, Inc. all have workers on-site.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE 02 SITE NUMBER

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☒ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-2} - 10^{-4}$ cm/sec ☐ D. GREATER THAN 10^{-2} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE
(Less than 10^{-8} cm/sec)
☒ B. RELATIVELY IMPERMEABLE
($10^{-6} - 10^{-8}$ cm/sec)
☐ C. RELATIVELY PERMEABLE
($10^{-2} - 10^{-6}$ cm/sec)
☐ D. VERY PERMEABLE
(Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

Unknown (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

Unknown (ft)

05 SOIL pH

Unknown

06 NET PRECIPITATION

10 (in)

07 ONE YEAR 24 HOUR RAINFALL

2.5 - 3.0 (in)

08 SLOPE

SITE SLOPE
5 %

DIRECTION OF SITE SLOPE
West

TERRAIN AVERAGE SLOPE
0

09 FLOOD POTENTIAL

10

SITE IS IN 100 YEAR FLOODPLAIN

☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE

OTHER

A. $\frac{1}{2}$ (mi)

B. (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

N/A

(mi)

ENDANGERED SPECIES:

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

RESIDENTIAL AREAS; NATIONAL/STATE PARKS,
FORESTS, OR WILDLIFE RESERVES

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

A. on-site (mi)

B. $\frac{3}{4}$ (mi)

Distant
C. (mi) D. (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site is located in a flat area approximately one half ($\frac{1}{2}$) a mile west of Newark Bay. Plum Creek bisects the site and flows into the Bay.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, aerial photos, reports)

USGS Topography Map - Elizabeth Quad
NJ Geological Map
Flood Insurance Rate Map



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DA RESULTS AVAIL
GROUNDWATER	None		
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL			
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
None	

IV. PHOTOGRAPHS AND MAPS

01 TYPE <input type="checkbox"/> GROUND <input type="checkbox"/> AERIAL	02 IN CUSTODY OF _____ <small>(Name of organization or individual)</small>
03 MAPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	04 LOCATION OF MAPS Fred C. Hart Associates, Inc., 155 Washington Street, Newark, NJ 07102

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

N/A

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, etc.)

N/A



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. CURRENT OWNER(S)

01 NAME

Newark Housing Authority

02 D+B NUMBER

PARENT COMPANY (if applicable)

06 NAME

09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

57 Sussex Avenue

04 SIC CODE

10 STREET ADDRESS (P.O. Box, RFD #, etc.)

11 SIC CODE

05 CITY

Newark

06 STATE

NJ

07 ZIP CODE

07102

12 CITY

13 STATE

14 ZIP CODE

01 NAME

02 D+B NUMBER

06 NAME

09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

10 STREET ADDRESS (P.O. Box, RFD #, etc.)

11 SIC CODE

05 CITY

06 STATE

07 ZIP CODE

12 CITY

13 STATE

14 ZIP CODE

01 NAME

02 D+B NUMBER

06 NAME

09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

10 STREET ADDRESS (P.O. Box, RFD #, etc.)

11 SIC CODE

05 CITY

06 STATE

07 ZIP CODE

12 CITY

13 STATE

14 ZIP CODE

01 NAME

02 D+B NUMBER

06 NAME

09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

10 STREET ADDRESS (P.O. Box, RFD #, etc.)

11 SIC CODE

05 CITY

06 STATE

07 ZIP CODE

12 CITY

13 STATE

14 ZIP CODE

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME

See Table 1

02 D+B NUMBER

IV. REALTY OWNER(S) (if applicable; list most recent first)

01 NAME

02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

05 CITY

06 STATE

07 ZIP CODE

05 CITY

06 STATE

07 ZIP CODE

01 NAME

02 D+B NUMBER

01 NAME

02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

05 CITY

06 STATE

07 ZIP CODE

05 CITY

06 STATE

07 ZIP CODE

01 NAME

02 D+B NUMBER

01 NAME

02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

05 CITY

06 STATE

07 ZIP CODE

05 CITY

06 STATE

07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., State files, article analysis, reports)

Newark Housing Authority



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION
01 STATE 02 SITE NUMBER

M. CURRENT OPERATOR <small>(Provide if different from owner)</small>				OPERATOR'S PARENT COMPANY <small>(if applicable)</small>			
01 NAME See Site Map		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		04 SIC CODE		12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		13 SIC CODE	
06 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		08 NAME OF OWNER					
N. PREVIOUS OPERATOR(S) <small>(List most recent first; provide only if different from owner)</small>				PREVIOUS OPERATORS' PARENT COMPANIES <small>(if applicable)</small>			
01 NAME See Table I		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		04 SIC CODE		12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		13 SIC CODE	
06 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		08 NAME OF OWNER DURING THIS PERIOD					
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		04 SIC CODE		12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		13 SIC CODE	
06 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		08 NAME OF OWNER DURING THIS PERIOD					
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		04 SIC CODE		12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		13 SIC CODE	
06 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		08 NAME OF OWNER DURING THIS PERIOD					
IV. SOURCES OF INFORMATION <small>(See specific references, e.g., state files, sample analysis, reports)</small>							

IDENTIFICATION	
01 STATE	02 SITE NUMBER

01 NAME Unknown		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE

01 NAME Unknown			02 D+8 NUMBER		01 NAME			02 D+8 NUMBER															
03 STREET ADDRESS (P.O. Box, RFD #, etc.)				04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)				04 SIC CODE													
05 CITY			06 STATE		07 ZIP CODE			05 CITY			06 STATE		07 ZIP CODE										
01 NAME				02 D+8 NUMBER				01 NAME				02 D+8 NUMBER											
03 STREET ADDRESS (P.O. Box, RFD #, etc.)						04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)						04 SIC CODE									
05 CITY					06 STATE		07 ZIP CODE					05 CITY					06 STATE		07 ZIP CODE				

01 NAME Unknown		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME			02 D+B NUMBER	01 NAME			02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE

[illegible]



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

L IDENTIFICATION

01 STATE 02 SITE NUMBER

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ D. SPILLED MATERIAL REMOVED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ E. CONTAMINATED SOIL REMOVED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☒ F. WASTE REPACKAGED
04 DESCRIPTION

02 DATE

03 AGENCY

Drums found on Flexcraft area (527 Avenue P) were repacked and removed

01 ☒ G. WASTE DISPOSED ELSEWHERE
04 DESCRIPTION

02 DATE

03 AGENCY

Flexcraft drums were disposed off-site by SCA working for the NHA

01 ☐ H. ON SITE BURIAL
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ I. IN SITU CHEMICAL TREATMENT
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ J. IN SITU BIOLOGICAL TREATMENT
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ K. IN SITU PHYSICAL TREATMENT
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ L. ENCAPSULATION
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ M. EMERGENCY WASTE TREATMENT
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ N. CUTOFF WALLS
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ O. EMERGENCY DIVING/SURFACE WATER DIVERSION
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ P. CUTOFF TRENCHES/SUMP
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ Q. SUBSURFACE CUTOFF WALL
04 DESCRIPTION

02 DATE

03 AGENCY

N/A



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE 02 SITE NUMBER

II. PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ S. CAPPING/COVERING
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ T. BULK TANKAGE REPAIRED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ U. GROUT CURTAIN CONSTRUCTED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ V. BOTTOM SEALED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ W. GAS CONTROL
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ X. FIRE CONTROL
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ Y. LEACHATE TREATMENT
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ Z. AREA EVACUATED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ 1. ACCESS TO SITE RESTRICTED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ 2. POPULATION RELOCATED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ 3. OTHER REMEDIAL ACTIVITIES
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

III. SOURCES OF INFORMATION (Can specify references, e.g., state files, aerial analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ☒ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

III. SOURCES OF INFORMATION (Cite specific references, e.g., State Reg., sample analysis, reports)



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WASTE MANAGEMENT
32 E. Hanover St., CN 020, Trenton, N.J. 08625

DR. MARWAN M. SADAT, P.E.
DIRECTOR

THOMAS J. DELOACH
DEPUTY DIRECTOR

IN THE MATTER OF
NEWARK REDEVELOPMENT
AND HOUSING AUTHORITY
AVENUE "P" SITE

: ADMINISTRATIVE
: CONSENT ORDER
:
:

April 25

The following FINDINGS are made and ORDER is issued pursuant to the authority vested in the Commissioner of the New Jersey Department of Environmental Protection (hereinafter "the Department") by N.J.S.A. 13:1D-1 et seq., the Spill Compensation and Control Act, N.J.S.A. 58:10-23.11 et seq., and the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq.) and duly delegated to the Assistant Director for Enforcement, Division of Waste Management pursuant to N.J.S.A. 13:1B-4.

FINDINGS

1. The Newark Redevelopment and Housing Authority (hereinafter "N.R.H.A.") owns property described as Block 5024, Parcels 21, 22, and 23 in the City of Newark, County of Essex, State of New Jersey (hereinafter known as "the site".)
2. On October 31, 1984 the Department issued to the N.R.H.A. a Directive Letter pursuant to the Spill Compensation and Control Act, N.J.S.A. 58:10-23.11 et seq. ordering the N.R.H.A. to undertake various remedial and investigatory measures at the site. As of the present time the N.R.H.A. has not yet taken any of the directed actions.
3. As a result of negotiations and in order to amicably resolve this matter the parties have agreed to execute this Administrative Consent Order and abide thereto.

ORDER

NOW, THEREFORE, IT IS HEREBY ORDERED AND AGREED THAT:

4. The N.R.H.A. shall, within fifteen (15) calendar days of the effective date of this Administrative Consent Order, contain all drums and containers on the site, in a manner approved by the Department, so as to stop the discharge of their contents onto the ground.
5. The N.R.H.A. shall, within fifteen (15) calendar days of the effective date of this Administrative Consent Order, sample the contents of each container referred to in paragraph 4 so as to identify the nature of said contents.
6. The N.R.H.A. shall, within fifteen (15) calendar days of the effective date of this Administrative Consent Order, excavate and contain all visibly contaminated soils at the site in a manner approved by the Department.
7. The N.R.H.A. shall, within fifteen (15) calendar days of the effective date of this Administrative Consent Order, sample the soil referred to in paragraph 6 so as to identify the nature of the soil's contamination.
8. The N.R.H.A. shall, within ninety (90) calendar days of the effective date of this Administrative Consent Order dispose of all of the containers referred to in paragraph 4 and the soils referred to in paragraph 6 in a manner consistent with all applicable Federal, State and local laws and regulations.
9. The N.R.H.A. shall, within fifteen (15) calendar days of the effective date of this Administrative Consent Order, analyze the water found in the drainage ditch located on the north-western edge of the site for full priority pollutants plus forty (40) additional peaks. The N.R.H.A. shall submit the results of this analysis to the Department immediately upon its availability.
10. The N.R.H.A. shall, within ninety (90) calendar days of the effective date of this Administrative Consent Order, submit to the Department for it's review a Remedial Action Plan that should detail appropriate methods to decontaminate, control or otherwise mitigate ground water contamination.
11. Within fifteen (15) calendar days of the N.R.H.A.'s receipt of the Department comments on the plan, the N.R.H.A. shall modify the plan as necessary to conform to said comments and resubmit the plan to the Department for its

approval. Upon receipt of the Department's approval of the plan, the N.R.H.A. shall implement the plan in accordance with the approved time schedule.

12. The Department may, at the request of the N.R.H.A., grant an extension of the deadlines contained in this ACO pursuant to the Department's finding of extraordinary circumstances. The Department will not grant an extension of deadlines for any delay it deems avoidable.
13. The N.R.H.A. agrees to fully complete any and all remedial measures presented in their approved cleanup plan, as well as to implement and complete any and all additional investigatory and remedial measures that the Department determines to be necessary to effectuate a full cleanup of the site.
14. The provisions of this Administrative Consent Order shall be binding on the N.R.H.A. and their successors, assigns, directors, officers, principals, agents, employees, tenants, and any trustee in bankruptcy or receiver appointed pursuant to a proceeding in law or equity.
15. No obligations imposed by this Administrative Consent Order are intended to constitute a debt, damage claim, penalty or other civil action which should be limited or discharged in a bankruptcy proceeding. All obligations imposed by this Administrative Consent Order shall constitute continuing regulatory obligations imposed pursuant to the police powers of the State of New Jersey, intended to protect the public health, safety and welfare.
16. The Department reserves the right to require the N.R.H.A. to take additional remedial actions should the Department determine that such actions are necessary to protect the public health, safety and welfare or the environment.
17. All data and information, including raw sampling and monitoring data, generated pursuant to this Administrative Consent Order shall be made available to the Department.
18. The N.R.H.A. shall allow the Department access to the property at all times for the purpose of monitoring the N.R.H.A.'s compliance with the terms of this Administrative Consent Order.

RESERVATION OF RIGHTS

This Administrative Consent Order shall be fully enforceable in the New Jersey Superior Court having jurisdiction over the subject matter and signatory parties upon the filing of a summary action for compliance pursuant to the Solid Waste Management Act, N.J.S.A. 13: 1E-1 et seq. and may be enforced in the same manner as an Administrative Order issued pursuant to this same statutory authority. This Administrative Consent Order shall not prohibit, prevent or otherwise preclude the Department from taking whatever action it deems appropriate to enforce the environmental protection laws of the State of New Jersey in any matter not inconsistent with the terms of this Administrative Consent Order. Nothing in this Administrative Consent Order shall constitute a waiver of any statutory right of the Department pertaining to any laws of the State of New Jersey, should the Department determine that additional remedial actions are necessary to protect the public health, safety or welfare. N.R.H.A. hereby consents to and agrees to comply with all the terms and provisions of this Administrative Consent Order and waives its right to any hearing on the entry of this Administrative Consent Order or the terms hereof.

Date

7/17/85

Department of Environmental
Protection

By

Joseph A. Rogalski
Joseph A. Rogalski

Assistant Director

Field Operations, Compliance
and Enforcement

Date

4/15/85

Newark Redevelopment and
Housing Authority

By

Milton Buck
Milton Buck

Executive Director



Preliminary Assessment

Avenue P Site
309-465 Avenue P
Newark, Essex County
NJD 980504831



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER D980504831

II. SITE NAME AND LOCATION

01 SITE NAME (Agency, industrial, or descriptive name of site) Avenue P Site	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 309-465 Avenue P
03 CITY Newark	04 STATE NJ 05 ZIP CODE 07105 06 COUNTY Essex 07 COUNTY CODE 07 08 CENSUS DIST 14
09 COORDINATES LATITUDE 40 43 18 LONGITUDE 74 07 53	Block 5020 Lots 14-16, 20-24, 32
10 DIRECTIONS TO SITE (Showing main road and street names) From NJTPK Exit #14 take Rt. 22 East towards 1 & 9 North, take Delancy St. Exit. Turn left onto Delancy and immediate right onto Stockton. Turn right onto Wilson Ave. Turn left onto Avenue P. Site is on left between White Rose Meat Corp and	

III. RESPONSIBLE PARTIES Abandoned Alliance Chem Whse.

01 OWNER (if any) Newark Redevelopment & Housing Authority	02 STREET (if different from above) 57 Sussex Avenue
03 CITY Newark	04 STATE NJ 05 ZIP CODE 07103 06 TELEPHONE NUMBER (201) 430-2430
07 OPERATOR (if known and different from owner) Same	08 STREET (if different from above)
09 CITY	10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER ()
13 TYPE OF OWNERSHIP (Check one) <input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input checked="" type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN	

14 A. RCRA 3001 DATE RECEIVED MONTH DAY YEAR B. UNCONTROLLED WASTE SITE (RCRA 103(a)) DATE RECEIVED MONTH DAY YEAR C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 2 8 82 <input type="checkbox"/> NO	02 BY (Check all that apply) <input checked="" type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER CONTRACTOR NAME(S):
03 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	04 YEARS OF OPERATION BEGINNING YEAR ENDING YEAR <input checked="" type="checkbox"/> UNKNOWN

05 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Numerous metals, volatile organic compounds, petroleum compounds, cyanide and sulfides have been identified in the soil and in drums unearthed at the site. The stream adjoining the site when sampled contained volatile organics and epox metals.

06 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
Large quantities of hazardous wastes have been found at the site. No subsurface explorations have been conducted to determine the nature or extent of subsurface contamination. Wastes presumably buried at the site threaten the area with the possi-

V. PRIORITY ASSESSMENT bility of fire or gas release.

01 PRIORITY FOR INSPECTION (Check one) ☒ A. HIGH ☐ B. MEDIUM ☐ C. LOW ☐ D. NONE

VI. INFORMATION AVAILABLE FROM

01 CONTACT Mark Gruzlovic	02 OF (Agency/Organization) NJDEP/DHWM/BFO, Central	03 TELEPHONE NUMBER (609) 426-0700		
04 PERSON RESPONSIBLE FOR ASSESSMENT Dennis Gray	05 AGENCY NJDEP	06 ORGANIZATION DHWM/BPA	07 TELEPHONE NUMBER (609) 292-4206	08 DATE 1 11 88



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

L IDENTIFICATION
01 STATE 02 SITE NUMBER

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply) <input type="checkbox"/> A SOLID <input type="checkbox"/> B POWDER, FINES <input type="checkbox"/> C SLUDGE <input type="checkbox"/> D OTHER (Specify) _____ <input type="checkbox"/> E SLURRY <input type="checkbox"/> F LIQUID <input type="checkbox"/> G GAS	02 WASTE QUANTITY AT SITE (Indicate all units used) TONS _____ CUBIC YARDS _____ NO. OF DRUMS 2000	03 WASTE CHARACTERISTICS (Check all that apply) <input type="checkbox"/> A TOXIC <input type="checkbox"/> B CORROSIVE <input type="checkbox"/> C RADIOACTIVE <input type="checkbox"/> D PERSISTENT <input type="checkbox"/> E SOLUBLE <input type="checkbox"/> F INFECTIOUS <input type="checkbox"/> G FLAMMABLE <input type="checkbox"/> H IGTABLE <input type="checkbox"/> I HIGHLY VOLATILE <input type="checkbox"/> J EXPLOSIVE <input type="checkbox"/> K REACTIVE <input type="checkbox"/> L INCOMPATIBLE <input type="checkbox"/> M NOT APPLICABLE
--	--	--

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OLY WASTE	Unknown		OLW Identified at site
SOL	SOLVENTS	Unknown		SOL Identified at site
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	Unknown		OCC Identified at site
IOC	INORGANIC CHEMICALS	Unknown		IOC Identified at site
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	Unknown		MES Identified at site

IV. HAZARDOUS SUBSTANCES (See Appendix for HCS Regulatory Code CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
MES	Arsenic	7440-38-2	Soil samples	86703	mg/kg
MES	Cadmium	7440-43-9	Soil samples	43.3	mg/kg
MES	Chromium	7440-47-3	Soil samples	3763.6	mg/kg
MES	Lead	7439-92-1	Soil samples	63007	mg/kg
MES	Mercury	7439-97-6	Soil samples	137.5	mg/kg
MES	Zinc	7440-66-6	Soil samples	4674	mg/kg
OCC	Toluene	108-88-3	Soil samples	2.76	mg/kg
OCC	Total Xylenes	1330-20-7	Soil samples	2.63	mg/kg
OLW	Naphta	803-306	Soil samples	21.00	mg/kg
SOL	Chlorobenzene	108-90-7	Plum Creek Water	.412	mg/kg
SOL	Trans Dichloroethene	156-60-5	Plum Creek Water	.155	mg/kg
SOL	Trichloroethylene	79-01-6	Plum Creek Water	.022	mg/kg
OCC	Benzene	71-13-1	Plum Creek Water	.015	mg/kg
OLW	Petroleum Hydrocarbons		Soil composite	10300	mg/kg
IOC	Sulfide		Soil composite	1080	mg/kg
OCC	Cyanide		Soil composite	3620	mg/kg

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (See Appendix for CAS Numbers)

Reference V



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

1. IDENTIFICATION
01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Although there has been no subsurface examination it is quite probable that groundwater is contaminated. The groundwater is at a depth of fifteen feet, and soil borings conducted in the 1970's reveal landfilled waste to a depth of 11-55 feet across the site. Ref. VII

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☒ OBSERVED (DATE 9/87) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Leachate from contaminated soil has been observed entering the Adjacent Plum Creek. At present the oily contaminants are restricted to the creek by a containment structure put in place by the NR & HA environmental consultant. Ref. IV, VI

01 ☒ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION Ref. I, IV, V

Reaction of incompatible chemicals buried beneath the site could possibly result in the contamination of the air by cyanide gas, heavy metal particulates or volatile gases, all of which have been identified in the waste already excavated at the site.

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS 02 ☒ OBSERVED (DATE 1985) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Fire and explosion has resulted from unearthing of red phosphorous and numerous drums of flammable hazardous wastes have also been unearthed. Type or quantity of wastes still buried beneath the site is unknown. Ref. IV, I, II

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

The site is under security patrol and the workers at the site wear protective clothing. Direct contact with wastes at this site is unlikely, however the history of property ownership and aerial photography suggests that the contamination may not be limited to this site. Ref. V, VI

01 ☒ F. CONTAMINATION OF SOIL 02 ☒ OBSERVED (DATE 1983) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

There is significant documentation of soil contamination but the depth of this contamination is not known. The history of ownership and aerial photography suggest that the contamination may not be restricted to this site. Ref. I, V

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

There are no drinking water sources downgradient of the site. The City of Newark utilizes a water source greater than 20 miles from Avenue P.

Ref. I

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Worker exposure at the site is unlikely; however the history of property ownership and aerial photography suggests that the contamination may extend into neighboring properties, consequently workers at these sites may be at risk.

Ref. V, VIII

01 ☒ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

The greatest threat to population exposure is the potential for fire or the release of poisonous gases due to the reaction of improperly contained, incompatible or highly reactive chemicals buried beneath the site.

Ref. I, II, IV, V, VI



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ J DAMAGE TO FLORA 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Chemicals hazardous to the growth of plant life have been excavated from the site.
At present the site is largely devoid of vegetation.
Ref. I, II, IV

01 ☒ K DAMAGE TO FAUNA 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (include number of species)
Chemicals hazardous to animal life have been excavated from the site. Wastes
escaping the site via the Plum Creek may have adversely impacted fauna in this
stream and the Newark Bay. Ref. I, II, IV

01 ☒ L CONTAMINATION OF FOOD CHAIN 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Wastes such as heavy metals, which by bioaccumulation adversely affect the food
chain, have been identified at the site.
Ref. IV, V, VI

01 ☒ M UNSTABLE CONTAINMENT OF WASTES 02 ☒ OBSERVED (DATE: 1983) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION
Thousands of leaking drums and contaminated soil has been excavated, but the extent
of subsurface contamination has yet to be determined. Ref. I, II, IV, VI

01 ☒ N DAMAGE TO OFFSITE PROPERTY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION
Leachate exiting the site via the Plum Creek may have affected the Newark Bay. The
history of property ownership and aerial photography suggest that there may be
extensive contamination of offsite properties. Map A Ref. I, IV, VI

01 ☐ O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
It is unlikely that wastes exiting the site will adversely affect the nearby
Passaic Valley Sewerage Authority.
Map A, B Ref. VI

01 ☒ P ILLEGAL UNAUTHORIZED DUMPING 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION
This site, as well as numerous nearby properties, were utilized for illegal dumping
of wastes for many years.
Ref. V

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS
In the event of fire or the release of poisonous gasses motorists on the nearby New
Jersey Turnpike would be at risk.
Maps A, B Ref. IV

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

The NJDEP Division of Water Resources should be made aware of the hazard to surface
water and groundwater. The Bureau of Compliance and Technical Services should be
requested to conduct a PRP search and based on the historical evidence investigate
nearby properties for hazardous waste.

V. SOURCES OF INFORMATION (See Appendix for instructions on how to cite sources)

Map A USGS, Elizabeth QUAD	Ref. I	Site Inspections, DHSM, DHWM/ Central BFO
Map B Newark Hagstrom Co.		
Map C Newark Tax Map	Ref. II	EPA Pollution Report DHWM/ Central BFO
Map D Site Map, DHWM/ BFO		
Map E Historical Maps, NJTPK Authority		
	Ref. III	Administrative Consent Order
	Ref. IV	Memo, DHWM/Central BFO, Metro BFO, BPA
	Ref. V	Site History & Work Plan DHWM/ Central BFO, Metro BFO
	Ref. VI	Correspondence DHSM, DHWM Central BFO, Metro BFO
	Ref. VII	Disruption Request SWA 0714K
	Ref. VIII	D&J Trucking DHWM/BPA

(PA FORM 2070-12 (7-81))



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION
01 STATE 02 SITE NUMBER

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A. NPDES				
<input type="checkbox"/> B. UIC				
<input type="checkbox"/> C. AIR				
<input type="checkbox"/> D. RCRA				
<input type="checkbox"/> E. RCRA INTERIM STATUS				
<input type="checkbox"/> F. SPCC PLAN				
<input type="checkbox"/> G. STATE (Specify)				
<input type="checkbox"/> H. LOCAL (Specify)				
<input type="checkbox"/> I. OTHER (Specify)				
<input type="checkbox"/> J. NONE				

III. SITE DESCRIPTION

01 STORAGE/ DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input type="checkbox"/> A. SURFACE IMPOUNDMENT	unknown		<input type="checkbox"/> A. INCINERATION	<input type="checkbox"/> A. BUILDINGS ON SITE
<input type="checkbox"/> B. PILES	unknown		<input type="checkbox"/> B. UNDERGROUND INJECTION	
<input type="checkbox"/> C. DRUMS, ABOVE GROUND	unknown		<input type="checkbox"/> C. CHEMICAL/ PHYSICAL	None
<input type="checkbox"/> D. TANK, ABOVE GROUND			<input type="checkbox"/> D. BIOLOGICAL	06 AREA OF SITE
<input type="checkbox"/> E. TANK, BELOW GROUND	unknown		<input type="checkbox"/> E. WASTE OIL PROCESSING	
<input type="checkbox"/> F. LANDFILL	unknown		<input type="checkbox"/> F. SOLVENT RECOVERY	approx 8 (Acres)
<input type="checkbox"/> G. LANDFARM	unknown		<input type="checkbox"/> G. OTHER RECYCLING/ RECOVERY	
<input type="checkbox"/> H. OPEN DUMP			<input type="checkbox"/> H. OTHER (Specify)	
<input type="checkbox"/> I. OTHER (Specify)				

07 COMMENTS

The site was utilized for unpermitted dumping of various wastes for a great number of years.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☒ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☐ NO

02 COMMENTS

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

1 IDENTIFICATION
01 STATE NJ 02 SITE NUMBER D980789796

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)	02 STATUS	03 DISTANCE TO SITE															
<table><tr><td>SURFACE</td><td>WELL</td></tr><tr><td>COMMUNITY A. <input checked="" type="checkbox"/></td><td>B. <input type="checkbox"/></td></tr><tr><td>NON-COMMUNITY C. <input type="checkbox"/></td><td>D. <input type="checkbox"/></td></tr></table>	SURFACE	WELL	COMMUNITY A. <input checked="" type="checkbox"/>	B. <input type="checkbox"/>	NON-COMMUNITY C. <input type="checkbox"/>	D. <input type="checkbox"/>	<table><tr><td>ENDANGERED</td><td>AFFECTED</td><td>MONITORED</td></tr><tr><td>A. <input type="checkbox"/></td><td>B. <input type="checkbox"/></td><td>C. <input checked="" type="checkbox"/></td></tr><tr><td>D. <input type="checkbox"/></td><td>E. <input type="checkbox"/></td><td>F. <input type="checkbox"/></td></tr></table>	ENDANGERED	AFFECTED	MONITORED	A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input checked="" type="checkbox"/>	D. <input type="checkbox"/>	E. <input type="checkbox"/>	F. <input type="checkbox"/>	A. 25 (mi) B. (mi)
SURFACE	WELL																
COMMUNITY A. <input checked="" type="checkbox"/>	B. <input type="checkbox"/>																
NON-COMMUNITY C. <input type="checkbox"/>	D. <input type="checkbox"/>																
ENDANGERED	AFFECTED	MONITORED															
A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input checked="" type="checkbox"/>															
D. <input type="checkbox"/>	E. <input type="checkbox"/>	F. <input type="checkbox"/>															

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)				
<input type="checkbox"/> A. ONLY SOURCE FOR DRINKING <input type="checkbox"/> B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available)				
<input checked="" type="checkbox"/> C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available)				
<input type="checkbox"/> D. NOT USED, UNUSEABLE				
02 POPULATION SERVED BY GROUND WATER 0		03 DISTANCE TO NEAREST DRINKING WATER WELL > 3 (mi)		
04 DEPTH TO GROUNDWATER 15 (ft)	05 DIRECTION OF GROUNDWATER FLOW East	06 DEPTH TO AQUIFER OF CONCERN 15-20 (ft)	07 POTENTIAL YIELD OF AQUIFER NA (gpd)	08 SOLE SOURCE AQUIFER <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
09 DESCRIPTION OF WELLS (including usage, depth, and location relative to population and buildings) Wells in the area are used for industrial purposes.				
10 RECHARGE AREA <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO COMMENTS		11 DISCHARGE AREA <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO COMMENTS The site is .5 mile from the Passaic River		

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)		
<input type="checkbox"/> A. RESERVOIR, RECREATION, DRINKING WATER SOURCE		
<input type="checkbox"/> B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES		
<input checked="" type="checkbox"/> C. COMMERCIAL, INDUSTRIAL		
<input type="checkbox"/> D. NOT CURRENTLY USED		
02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER		
NAME:	AFFECTED	DISTANCE TO SITE
Passaic River	<input type="checkbox"/>	0.5 (mi)
Newark Bay	<input type="checkbox"/>	0.5 (mi)
Plum Creek	<input type="checkbox"/>	On site (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN			02 DISTANCE TO NEAREST POPULATION
ONE (1) MILE OF SITE A. 20000 NO OF PERSONS	TWO (2) MILES OF SITE B. 100000 NO OF PERSONS	THREE (3) MILES OF SITE C. 250000 NO OF PERSONS	0.5 (mi)
03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE 15500		04 DISTANCE TO NEAREST OFF-SITE BUILDING 0.1 (mi)	
05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area) The Ironbound section of Newark is west of the site. The site is in an industrial section of the city which has numerous workers on site during operating hours.			



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE NJ 02 SITE NUMBER D980789796

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☒ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-2} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☒ B. RELATIVELY IMPERMEABLE ($10^{-6} - 10^{-8}$ cm/sec) ☐ C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

65 (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

Unknown (ft)

05 SOIL pH

Unknown

06 NET PRECIPITATION

12 (in)

07 ONE YEAR 24 HOUR RAINFALL

2.5-3.0 (in)

08 SLOPE

SITE SLOPE

5 %

DIRECTION OF SITE SLOPE

West

TERRAIN AVERAGE SLOPE

0 %

09 FLOOD POTENTIAL

SITE IS IN 100 YEAR FLOODPLAIN

10

☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (in acre marshes)

ESTUARINE

OTHER

A. 0.5 (mi)

B. (mi)

12 DISTANCE TO CRITICAL HABITAT (or endangered species)

(mi)

ENDANGERED SPECIES: NA

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL INDUSTRIAL

RESIDENTIAL AREAS, NATIONAL STATE PARKS,
FORESTS, OR WILDLIFE RESERVES

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

A. On-site (mi)

B. 0.5 (mi)

C. >3 (mi) D. >3 (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site is in a landfilled section of the Newark Bay Meadows. The underlying formation is the Brunswick sandstone and shale which is the emergent formation immediately west of the site.

VII. SOURCES OF INFORMATION (See specific references, e.g., state files, sample analysis, reports)



SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER		Soil, water and drum samples were taken	
SURFACE WATER		at the time of a drum removal operation	
WASTE		by the Cavanaugh Group on behalf of the	
AIR		NHRA.	
RUNOFF		Heavy metals, volatiles and	
SPILL		semi volatile compounds have been	
SOIL		identified in the waste..	
VEGETATION			
OTHER			

01 TYPE	02 COMMENTS

01 TYPE <input type="checkbox"/> GROUND <input type="checkbox"/> AERIAL		02 IN CUSTODY OF _____ <small>(Name of organization or individual)</small>
03 MAPS <input type="checkbox"/> YES <input type="checkbox"/> NO	04 LOCATION OF MAPS _____	

[illegible]



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION
01 STATE 02 SITE NUMBER

II. CURRENT OWNER(S)				PARENT COMPANY (if applicable)			
01 NAME NRHA		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 57 Sussex Ave.		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY Newark		06 STATE NJ	07 ZIP CODE 07103	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
III. PREVIOUS OWNER(S) (Last most recent first)				IV. REALTY OWNER(S) (if applicable; list most recent first)			
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)							



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION
01 STATE 02 SITE NUMBER

II. CURRENT OPERATOR <small>(Provide if different from owner)</small>				OPERATOR'S PARENT COMPANY <small>(If applicable)</small>			
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		04 SIC CODE		12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		13 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER					
III. PREVIOUS OPERATOR(S) <small>(List most recent first; provide only if different from owner)</small>				PREVIOUS OPERATORS' PARENT COMPANIES <small>(If applicable)</small>			
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		04 SIC CODE		12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		13 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER DURING THIS PERIOD					
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		04 SIC CODE		12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		13 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER DURING THIS PERIOD					
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		04 SIC CODE		12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		13 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER DURING THIS PERIOD					
IV. SOURCES OF INFORMATION <small>(Cite specific references, e.g., state files, sample analysis, reports)</small>							



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION
01 STATE 02 SITE NUMBER

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. PAST RESPONSE ACTIVITIES

01 <input type="checkbox"/> A. WATER SUPPLY CLOSED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> D. SPILLED MATERIAL REMOVED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
Heavily contaminated surface soils have been removed..		
01 <input type="checkbox"/> F. WASTE REPACKAGED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
Many drums were overpacked to facilitate removal.		
01 <input type="checkbox"/> G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> H. ON SITE BURIAL 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> L. ENCAPSULATION 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> N. CUTOFF WALLS 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> O. EMERGENCY DIKING/SURFACE WATER DIVERSION 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION	02 DATE _____	03 AGENCY _____



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

L IDENTIFICATION
01 STATE 02 SITE NUMBER

II PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ S. CAPPING/COVERING
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ T. BULK TANKAGE REPAIRED
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ U. GROUT CURTAIN CONSTRUCTED
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ V. BOTTOM SEALED
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ W. GAS CONTROL
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ X. FIRE CONTROL
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ Y. LEACHATE TREATMENT
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ Z. AREA EVACUATED
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ 1. ACCESS TO SITE RESTRICTED
04 DESCRIPTION

02 DATE

03 AGENCY

A security service maintains a presence at the site

01 ☐ 2. POPULATION RELOCATED
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ 3. OTHER REMEDIAL ACTIVITIES
04 DESCRIPTION

02 DATE

03 AGENCY

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analyses, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ☐ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

On April 17, 1985 an Administrative Consent Order was signed by the NRHA..
The NRHA has made a poor effort to comply with the order; consequently The NJDEP
Bureau of Field Operations is negotiating with the NRHA to sign a new ACO.

III. SOURCES OF INFORMATION (Cite specific references, e.g., State files, sample analysis, reports)

07-145 (check)
30

NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION

MEMO

TO Spill File *MD*
FROM Mark S. Gruzlovic through Bruce Comfort *EG* DATE December 22, 1983
SUBJECT (07-14) #83-05-02-01C --- Avenue P Drums, Newark Redevelopment and Housing Authority, Newark.

Tuesday, November 22, 1983

1000 - Bob Leary (DWM) and myself arrive at Avenue P site in Newark to meet with Newark Redevelopment and Housing Authority (NRHA) to discuss disposal and cleanup of drums that were on their property. These drums were unearthed and left in piles on the surface of ground some time ago (1978?). When we arrived, NRHA was not yet on site. Bob Leary took me on tour of the site. Unknown liquid was leaching from the piles of rusting drums and running off into a drainage ditch to the rear of the property. Piles of drums, rusting open and no identifying labels, were in about the same condition as last reported (in 3/2/83 memo) according to Bob Leary. One drum of lab packs, no identifying labels, found in pile of drums northernmost on the property.

1019 - We met with Mr. Chranewycz and Mr. Dispenziere of NRHA. They expressed they were interested in completing cleanup and disposal of the wastes. (Unknown if wastes are hazardous).

I gave a copy of a list of known cleanup contractors to Mr. Dispenziere.

I told him that the waste material must be sampled in order to classify waste for disposal.

Also they were unsure of whether or not all drums were excavated. Before cleanup and disposal they must determine the extent of the problem through excavation and/or ~~for~~ core sampling of ground. For an immediate abatement measure, I recommended constructing a clay berm between the drums and the runoff trench in the rear of the property to keep leachate/runoff of unknown liquid from the water.

I also recommended they have contractors look at site and draw up sampling, cleanup, and disposal proposals on work to be done at the site.

Avenue P Drums
Newark
DWM #83-05-02-01C
December 22, 1983
Page Two

They agreed to my recommendations. Mr. Chranewycz wanted to include two (2) other sites at different locations.

1030 - We secured to inspect these sites.

1035 - We arrived at a field on Blanchard Street in Newark. NORPAK Company on Blanchard Street and NJ Turnpike (elevated) border property which runs to the Passaic River.

Mr. Chranewycz told us that on this property there were about 50 drums of unknown material and a tanker.

Area was covered with overgrown brush and swamp reeds up to 10 ft. tall.

1117 - We were unable to find the drums and tanker at this time. Progress slow because of overgrown vegetation. Two (2) piles (approx. 70 cubic yards) of landfill solid bulky waste located on property. We secured to go to another site as NRHA had an appointment at 1230 hours.

1120 - We arrived at Chapel Street in Newark. NRHA told us that they were said to have drums of material in a building. We observed the building in question to be a burned out warehouse. We were unable to check all drums (about 20 estimated) because of unsafe burned out areas where drums were inaccessible. The drums that were checked near front of building were empty.

1143 - We secured. NRHA will check with contractors and call back NJDEP to review proposals by end of this month.

FOC16:dg