

APPENDIX A HISTORICAL FIGURES AND MAPS

APPENDIX A-1 1993 INTERIM REMEDIAL MEASURE DRAWINGS AND MAPS

**ICF Kaiser Engineers, Inc.,
August 31, 1993.**

Draft
Remedial Investigation Report
Group 4 – Sites 016 and 112A

Figures

CLAREMONT CREEK

PLAN NORTH

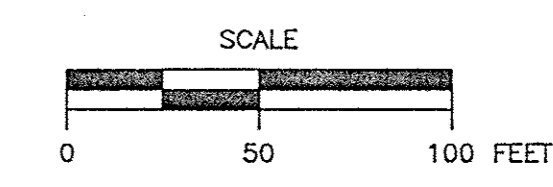
SITE 016

SITE 112A

LEVY WAREHOUSE

CAVEN POINT ROAD

LINDEN AVENUE



LEGEND:

- SOIL BORING USED FOR VERTICAL AND HORIZONTAL CHROMIUM DELINEATION
- SOIL BORING USED FOR MONITORING WELL COMPLETION
- ▲ SOIL BORING USED FOR ADDITIONAL HORIZONTAL CHROMIUM DELINEATION IN ROUTE 185 EASEMENT AREA; LIMITED VERTICAL DATA
- SOIL BORING USED FOR ADDITIONAL HORIZONTAL CHROMIUM DELINEATION FOR SELECTED DEPTH RANGES; LIMITED VERTICAL DATA
- PPG4-B72 BORING NUMBER
- 55.6J 5.3U TOTAL CHROMIUM AND HEXAVALENT CHROMIUM CONCENTRATIONS (mg/kg) FOR SOIL SAMPLES WITH MID-POINT DEPTHS IN THE RANGE OF 0 TO 2 FEET. WHERE MORE THAN ONE SAMPLE IS WITHIN THE 0 TO 2 FOOT RANGE, THE RESULTS ARE LISTED IN ORDER OF DEPTH.

- TOTAL CHROMIUM > 500 mg/kg
- HEXAVALENT CHROMIUM > 10 mg/kg
- TOTAL CHROMIUM > 500 mg/kg AND HEXAVALENT CHROMIUM > 10 mg/kg

ICF KAISER ENGINEERS

SCALE: 1"=50' APPROVED BY: *J. A. ...* DRAWN BY: T. BLAIR
 DATE: 6/14/93 FILE NAME: 2T0BGS

PPG INDUSTRIES, INC.
 NON-RESIDENTIAL SITES CHROMIUM REMEDIATION
 HUDSON COUNTY, NEW JERSEY

CHROMIUM DELINEATION FOR
 0-2 FEET BELOW GROUND SURFACE
 GROUP 4 - SITES 016 AND 112A
 FIGURE 4-4
 PAGE

APPENDIX A-2 2009 INTERIM REMEDIAL MEASURE DRAWINGS AND MAPS

AECOM, 2009.

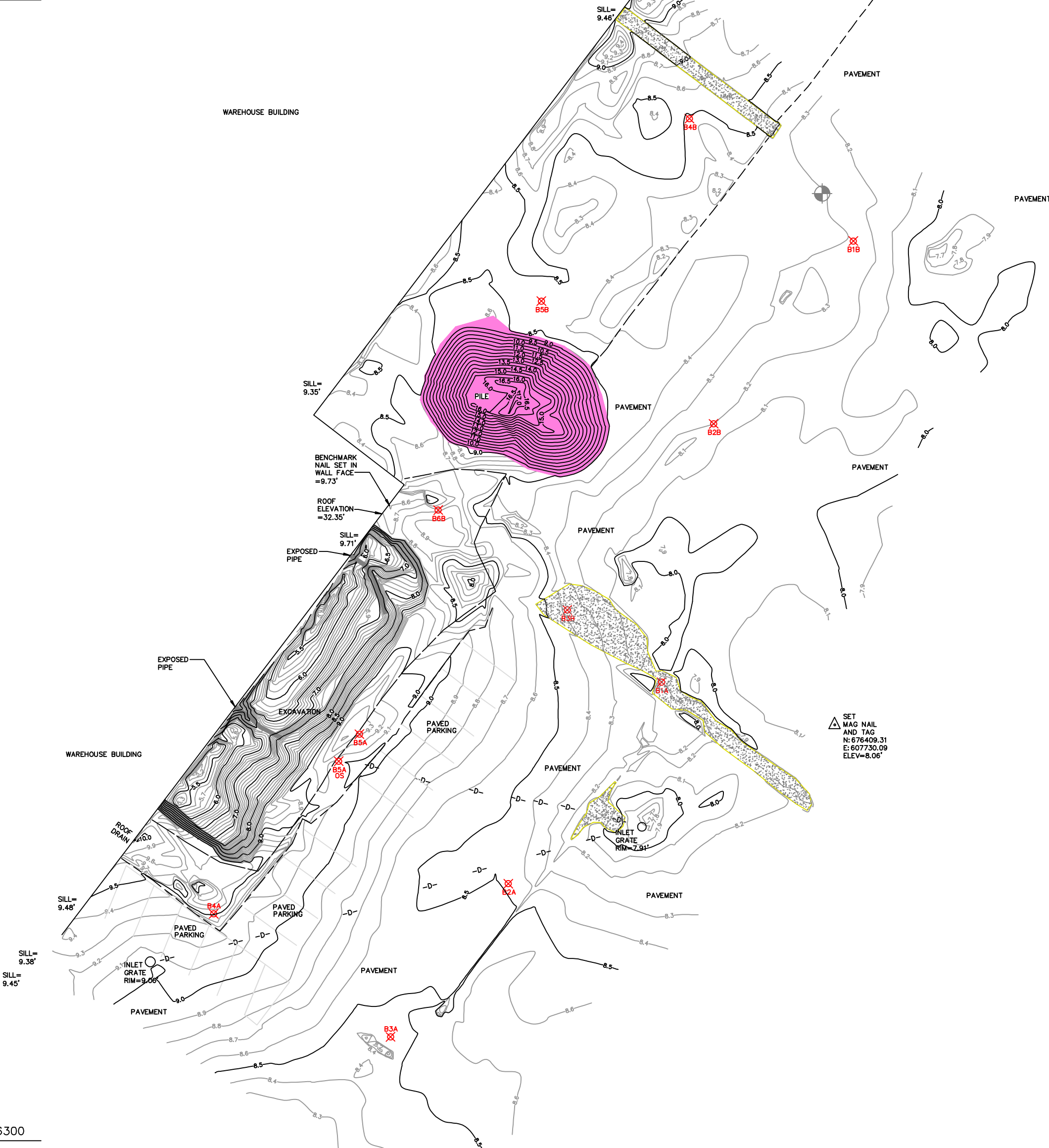
***Interim Remedial Action
Report
PPG Hudson County
Chromate Non-Residential
Site 016***

Tables

Piscataway on I:\SPS\11FP004\J\Project\PPG 05510-134\Site 016\CADD\PRE-EX SURVEY(2)

E: 607500
N: 676600

E: 607500
N: 676300



LEGEND

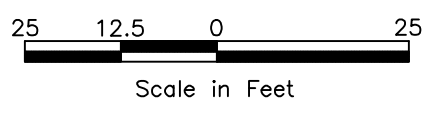
---	EDGE OF PAVEMENT
---	ORANGE SAFETY FENCE
— 0.0 —	MAJOR CONTOUR (0.5')
— 0.1 —	MINOR CONTOUR (0.1')
[Pattern]	CONCRETE
[Pink]	SOIL PILE (SEE NOTE #7)
[X]	SOIL BORING
[Circle]	LYSIMETER
[X]	SPOT ELEVATION
[Triangle]	CONTROL POINT

NOTES:

1. BASIS OF BEARING IS THE NEW JERSEY STATE PLANE COORDINATE SYSTEM DETERMINED BY DIFFERENTIAL GPS ON DECEMBER 2, 2008 USING THE NGS COR SYSTEM. STATION NJI2.
2. VERTICAL DATUM IS NAVD 88 DETERMINED BY DIFFERENTIAL GPS ON DECEMBER 2, 2008 USING THE NGS COR SYSTEM. BENCHMARK STATION NJI2 (ORTHOMETRIC HEIGHT=164.7941 FEET).
3. A COMBINED SCALE FACTOR OF 0.999919904 HAS BEEN APPLIED TO A PROJECT CENTROID OF N:676488.5238; E:607698.2228; ELEV: 8.2627'.
4. COORDINATES SHOWN ARE GROUND COORDINATES BASED ON NOTE #3.
5. COORDINATES, AND ELEVATIONS SHOWN ARE IN U.S. SURVEY FEET.
6. THE UTILITIES SHOWN HAVE BEEN LOCATED FROM EVIDENCE OBSERVED ON THE SURFACE ONLY. THE SURVEYOR MAKES NO GUARANTEES THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
7. THE CONTOUR LINES SHOWN FOR THE PILE (AS LABELED) ARE 0.5 FEET CONTOURS. THE 0.1 FEET LINES ARE NOT SHOWN. IN ADDITION, THE PILE CONTOURS ARE SHOWN AS APPROXIMATE AND SHOULD NOT BE RELIED UPON TO GENERATE VOLUMES.

REFERENCES:

1. "PARTIAL TOPOGRAPHIC SURVEY, PPG SITE 016, 45 EAST LINDEN AVENUE, THE CITY OF JERSEY CITY, HUDSON COUNTY, NEW JERSEY" PREPARED BY BORBAS SURVEYING & MAPPING, LLC, J. PETER BORBAS, NJPLS, PP. DATED DECEMBER 15, 2008.
2. "POST EXCAVATION ENVIRONMENTAL MAPPING, PPG SITE 016, 45 EAST LINDEN AVENUE, THE CITY OF JERSEY CITY, HUDSON COUNTY, NEW JERSEY" PREPARED BY BORBAS SURVEYING & MAPPING, LLC, J. PETER BORBAS, NJPLS, PP. DATED MARCH 31, 2009.



North
NEW JERSEY STATE PLANE COORDINATE SYSTEM

DESIGNED BY:	NO.:	DESCRIPTION:	DATE:	BY:
AS				
DRAWN BY:				
AS/jk				
CHECKED BY:				
APPROVED BY:				

AECOM

AECOM Environment
 30 KNIGHTSBRIDGE ROAD, SUITE 520
 PISCATAWAY, NEW JERSEY 08854
 PHONE: (732) 564-3600
 FAX: (732) 369-0122
 WEB: HTTP://WWW.AECOM.COM

PRE-EXCAVATION SAMPLE LOCATION MAP

PPG HUDSON COUNTY CHROMATE NON-RESIDENTIAL SITE 016
 (PPG GROUP 4) A.K.A. K.I.D.S. REALTY OR LEVY WAREHOUSE
 45 LINDEN AVENUE EAST
 JERSEY CITY, HUDSON COUNTY, NEW JERSEY

SCALE:	DATE:	PROJECT NUMBER:
AS SHOWN	JUNE 2009	05510-134

FIGURE NUMBER:
3

SHEET NUMBER:
1

Piscataway on I:\SPSW1\PP004 (J)\Project\PPC 05510-134\Site 016\Cadd\Site Restoration(1)



CONTROL POINT # 1
MAG NAIL & TAG
N: 676667.95
E: 607889.84
ELEV=7.06'

NORTH
NEW JERSEY STATE PLANE COORDINATE SYSTEM
NAD 83

LEGEND

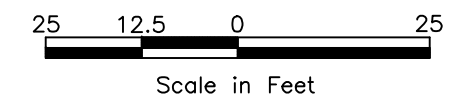
- CONCRETE
- LYSIMETER
- SPOT ELEVATION
- CONTROL POINT
- CONTOUR LINE
- ORANGE SAFETY FENCE
- APPROXIMATE TOP OF LINER LOCATION
- TOP OF EXPOSED PIPE ELEVATION (3-23-09)

NOTES:

1. BASIS OF BEARING IS THE NEW JERSEY STATE PLANE COORDINATE SYSTEM DETERMINED BY DIFFERENTIAL GPS ON DECEMBER 2, 2008 USING THE NGS COR SYSTEM. STATION NJ2.
2. VERTICAL DATUM IS NAVD 88 DETERMINED BY DIFFERENTIAL GPS ON DECEMBER 2, 2008 USING THE NGS COR SYSTEM. BENCHMARK STATION NJ2 (ORTHOMETRIC HEIGHT=164.7941 FEET).
3. A COMBINED SCALE FACTOR OF 0.999919904 HAS BEEN APPLIED TO A PROJECT CENTROID OF N: 676488.5238; E: 607698.2228; ELEV: 8.2627'.
4. COORDINATES SHOWN ARE GROUND COORDINATES BASED ON NOTE #3.
5. COORDINATES, AND ELEVATIONS SHOWN ARE IN U.S. SURVEY FEET.
6. FINAL AS-BUILT TOPOGRAPHY IS BASED ON CONDITIONS AS THEY EXISTED ON MARCH 23, 2009. THE SPOT ELEVATIONS AS SHOWN ARE TO THE EXISTING GRAVEL SURFACE. AT THE TIME OF FIELD SURVEY THERE WAS NO NEW ASPHALT IN PLACE. THE STATED VOLUME OF THE FILL SHOWN AS THE AS-BUILT CONDITION IS BASED ON THE AMOUNT OF MATERIAL PLACED IN THE EXCAVATION AFTER THE FINAL POST EXCAVATION SURVEYING ON FEBRUARY 19, 2009. BORBAS SURVEYING AND MAPPING, LLC ASSUMES THAT NO ADDITIONAL MATERIAL WAS REMOVED FROM THE EXCAVATION AREA AFTER THIS DATE.

REFERENCES:

1. "PARTIAL TOPOGRAPHIC SURVEY, PPG SITE 016, 45 EAST LINDEN AVENUE, THE CITY OF JERSEY CITY, HUDSON COUNTY, NEW JERSEY" PREPARED BY BORBAS SURVEYING & MAPPING, LLC, J. PETER BORBAS, NJPLS, PP. DATED DECEMBER 15, 2008.
2. "POST EXCAVATION ENVIRONMENTAL MAPPING, PPG SITE 016, 45 EAST LINDEN AVENUE, THE CITY OF JERSEY CITY, HUDSON COUNTY, NEW JERSEY" PREPARED BY BORBAS SURVEYING & MAPPING, LLC, J. PETER BORBAS, NJPLS, PP. DATED MARCH 31, 2009.



DESIGNED BY:	NO.:	DESCRIPTION:	DATE:	BY:
AS				
DRAWN BY:				
AS/jk				
CHECKED BY:				
APPROVED BY:				

AECOM

AECOM Environment
30 KNIGHTSBRIDGE ROAD, SUITE 520
PISCATAWAY, NEW JERSEY 08854
PHONE: (732) 564-3600
FAX: (732) 369-0122
WEB: HTTP://WWW.AECOM.COM

SITE RESTORATION

PPG HUDSON COUNTY CHROMATE NON-RESIDENTIAL SITE 016
(PPG GROUP 4) A.K.A. K.I.D.S. REALTY OR LEVY WAREHOUSE
45 LINDEN AVENUE EAST
JERSEY CITY, HUDSON COUNTY, NEW JERSEY

SCALE:	DATE:	PROJECT NUMBER:
AS SHOWN	JUNE 2009	05510-134

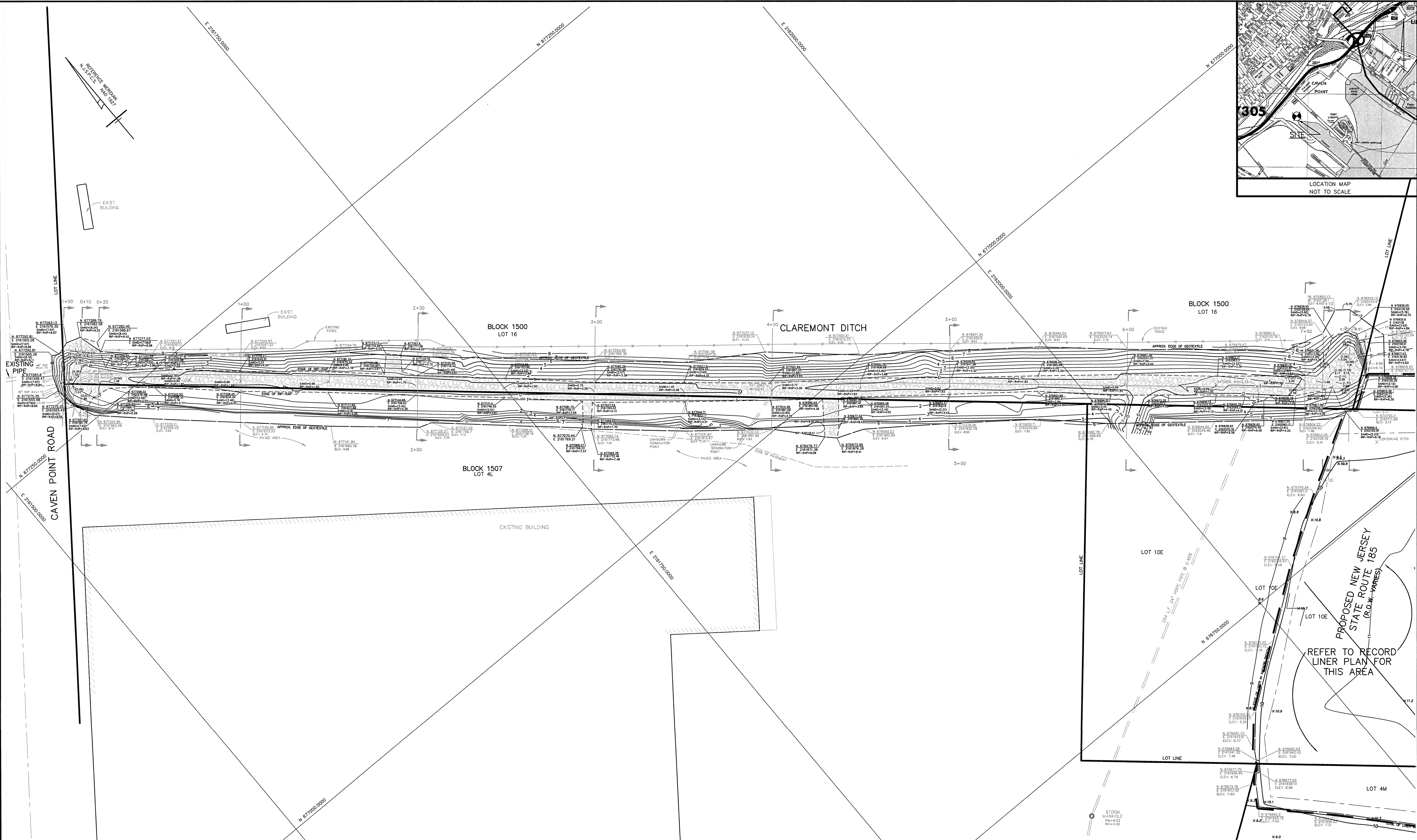
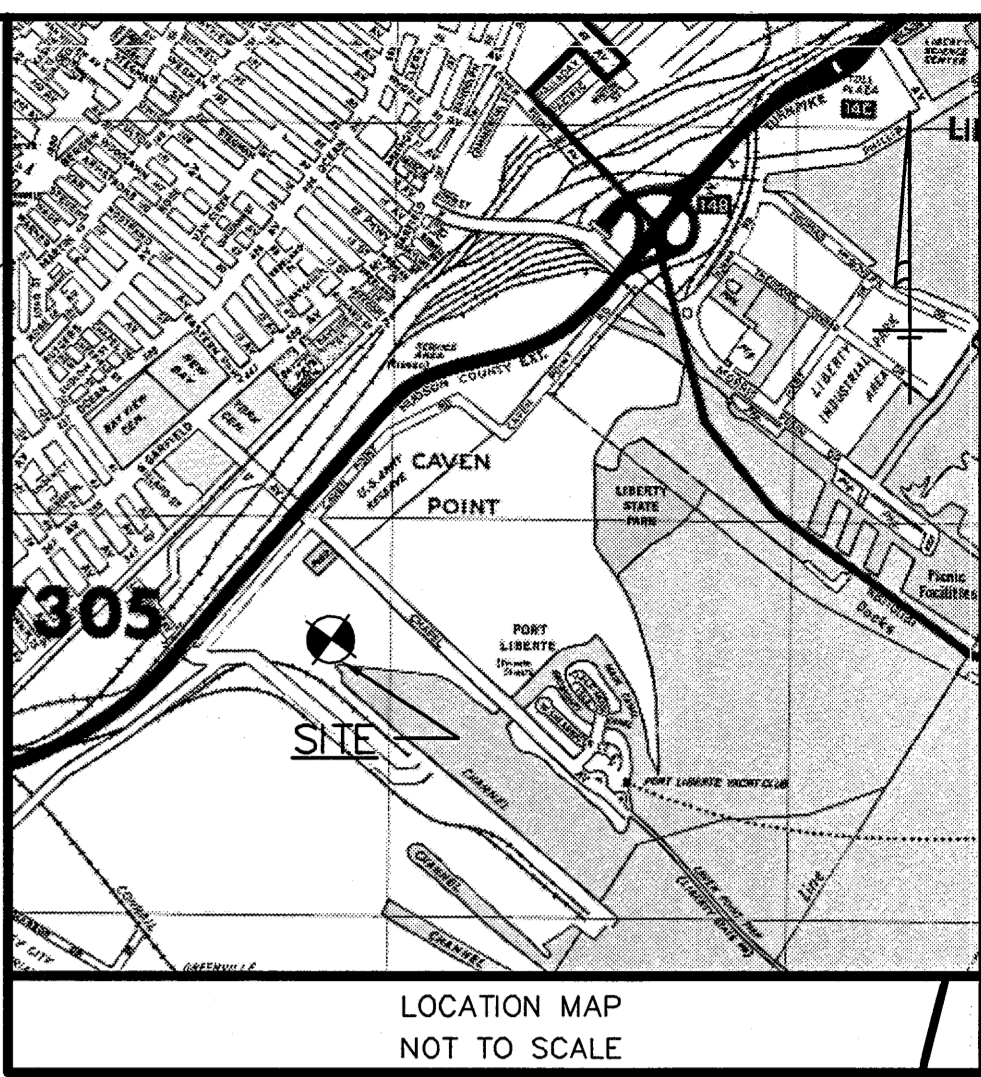
FIGURE NUMBER:
5
SHEET NUMBER:
-

APPENDIX A-3 2002 DRAINAGE DITCH REMEDIATION DRAWINGS

**Civil & Environmental
Consultants Inc.,
April 10, 2002.**

***Liberty National Development
Project
Hudson County Chromate
Site
Group 4 – Site 112A***

Figures



- NOTES:
- DATUM BASE
 - VERTICAL DATUM BASED ON N.G.V.D. 1929.
 - HORIZONTAL DATUM BASED ON N.A.D. 1927.
 - ELEVATIONS HEREON ARE BASE ON A FIELD SURVEY PERFORMED BY LGA ENGINEERING INC., FIELD PERSONNEL FROM APRIL 29, 2003 TO JULY 17, 2003.
 - BEING KNOWN AND DESIGNATED AS A PORTION OF TAX LOTS 4M, 4N AND 12, BLOCK 1507, AS SHOWN ON THE CURRENT TAX ASSESSMENT MAPS FOR THE CITY OF JERSEY CITY, HUDSON COUNTY, NEW JERSEY, SHEET NUMBER 8.07.
 - LOT & RIGHT-OF-WAY LINES BASE ON CURRENT TAX ASSESSMENT MAPS FOR THE CITY OF JERSEY CITY, HUDSON COUNTY, NEW JERSEY, SHEET NUMBER 8.07.
 - GEOTEXTILE WAS PLACED BETWEEN THE EXCAVATION GRADE AND OVERLYING MATERIAL.
 - CLEAN SAND FILL WAS INSTALLED BETWEEN EXCAVATION GRADE AND BOTTOM OF RIP-RAP.
 - GEOTEXTILE WAS PLACED BETWEEN SAND FILL AND RIP-RAP
 - OUTSIDE RIP-RAP LIMITS, SOIL MEETING RESIDENTIAL SCC WAS PLACED TO ACHIEVE GRADE SHOWN. THE SOIL WAS SEEDED WITH NATIVE GRASS MIXTURE AND COVERED WITH COCOA EROSION CONTROL MAT.

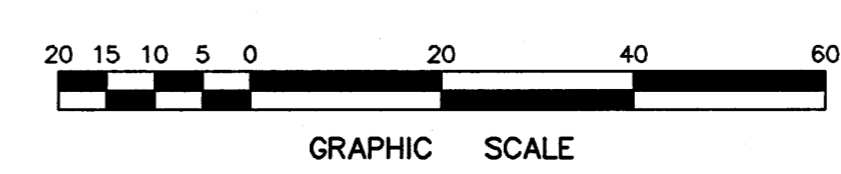
- QUANTITY SUMMARY:
- INSTALLED GEOTEXTILE TO TOP OF EXISTING BANK 30,194 SQ. FT.
 - INSTALLED GEOTEXTILE TO EDGE OF RIP-RAP 9,473 SQ. FT.
 - TOTAL VOLUME OF MATERIAL PLACED FROM BOTTOM OF EXCAVATION TO TOP OF INSTALLED RIP-RAP = 989 CU. YD.
 - INSTALLED RIP-RAP MATERIAL 294 CU. YD.

LEGEND

- INDICATES FINISHED GRADE
- INDICATES EDGE OF RIP-RAP & GEOTEXTILES
- INDICATES TOP OF BANK & EDGE OF GEOTEXTILE
- INDICATES CENTERLINE SLURRY WALL
- INDICATES RIP-RAP
- INDICATES RAMP LIMIT
- INDICATES STATE PLANE COORDINATES OF MEASUREMENT POINT
- INDICATES MSL ELEVATION AT TOP OF BURIED SAND LAYER
- INDICATES MSL ELEVATION AT TOP OF RIP-RAP LAYER
- INDICATES PROPERTY LINE
- INDICATES REINFORCED CONCRETE PIPE
- INDICATES HIGH DENSITY POLYETHYLENE PIPE
- INDICATES DUCTILE IRON PIPE
- INDICATES CAST IRON PIPE
- INDICATES POLYVINYL CHLORIDE PIPE

N 876952.5
 E 2161840.6
 SAND=(2.31)
 RIP-RAP=3.42

CONTRACTOR CONTACT INFORMATION
 MR. BRENT PECKIS
 CLEAN EARTH ENVIRONMENTAL SERVICES INC.
 PO BOX 156
 WINSLOW, NJ 08095



LGA ENGINEERING, INC.
 CONSULTING ENGINEERS & SURVEYORS

R. Niels Sperling
R. NIELS SPERLING, P.L.S., P.P.
 PROFESSIONAL LAND SURVEYOR

Alan P. Hrb RE No. 25383
 Michael J. Givens, Jr. RE No. 25374
 John L. Westwick RE No. 25588
 David G. Erensson RE No. 42244
 Date: 3/2/04
 Certificate of Authorization No. 5427338

582 Plaza Terrace East
 Brook, NJ 08033
 Tel: (732) 477-3330

DATE	SCALE	DRAWN BY	CHECKED BY	RELEASED BY	FILE NO.	DRAWER NO.	SHEET
8/5/03	1"=20'	RAO		RNS	507445000101	000-000	1 OF 1

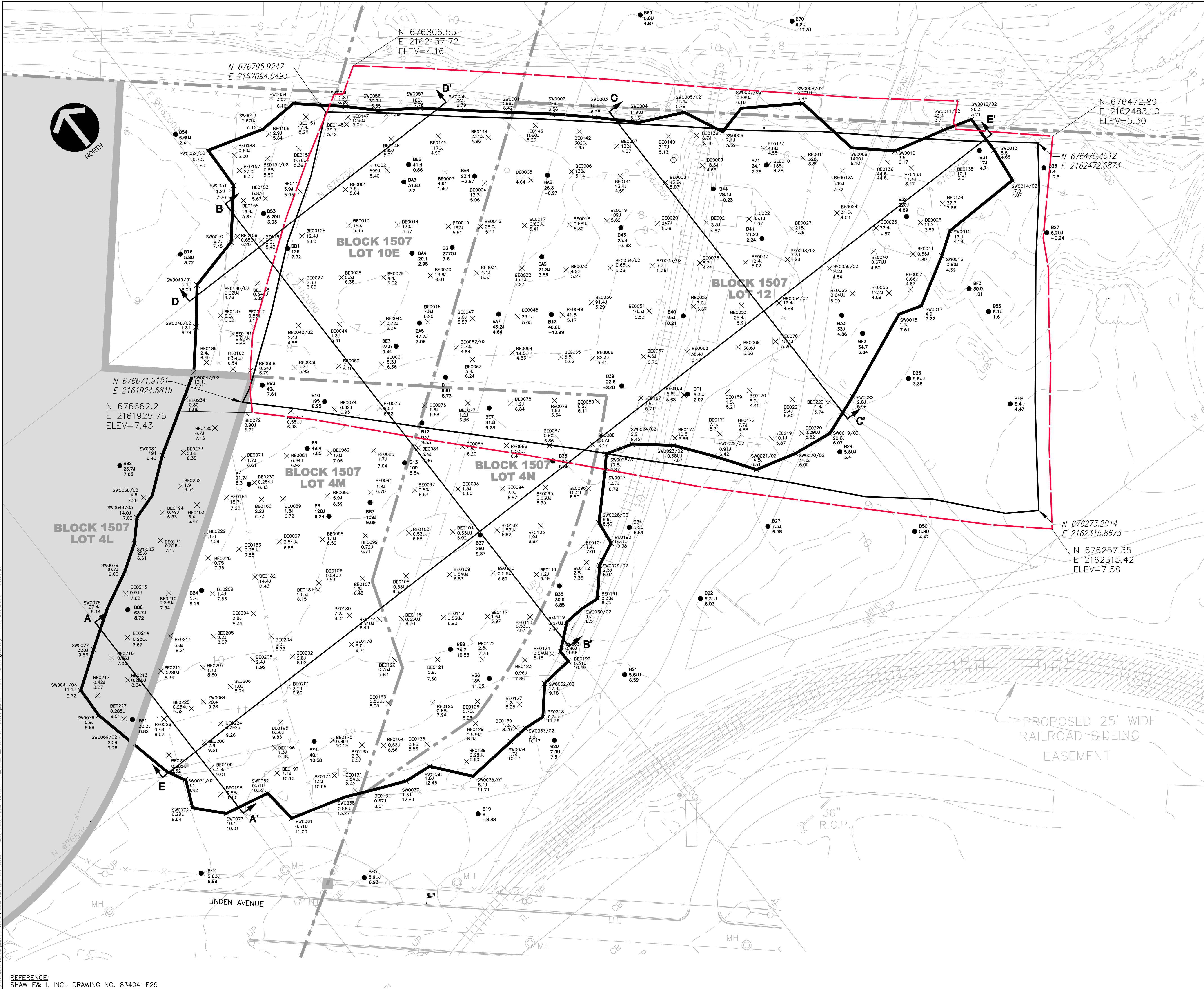
1/29/04	REVISED PER MEMO DATED 1/29/04	ESF	
9/3/03	REVISIONS PER LETTER DATED 9/26/03	RAO	
DATE	REVISION	DRAWN	CHK'D

DRAWING M5.9-3
ASBULT CLAREMONT DITCH
 BLOCK 1500 P/O TAX LOT 6F,15&16
 BLOCK 1507 P/O TAX LOT 4L,10E,&12

SITUATED IN
 CITY OF JERSEY CITY, HUDSON COUNTY, NEW JERSEY

Project: 03/02/03 - 8.61.03 - R. Niels Sperling, P.L.S., P.P.
 File: 507445000101.dwg
 Date: 8/5/03
 Scale: 1"=20'
 Drawn: RAO
 Checked: RNS
 Released: RNS

REVISION RECORD	
DATE	DESCRIPTION



LEGEND

- AS-BUILT HDPE LINER EXTENT
- AS-BUILT SLURRY WALL LOCATION (SEE DRAWING M5.5-5 FOR CROSS SECTIONS)
- APPROXIMATE LIMIT OF EXCAVATION
- RI SAMPLE LOCATION
- RI SAMPLE NUMBER
- HEXAVALENT CHROMIUM mg/kg
- BOTTOM MSL OF SAMPLE INTERVAL
- × POST-EXCAVATION SAMPLE LOCATION
- × POST-EXCAVATION SAMPLE NUMBER
- × HEXAVALENT CHROMIUM mg/kg
- × TOP MSL OF SAMPLE INTERVAL
- SITE 016 BEYOND RAWP BOUNDARIES

NOTE: BASE MAP REPRESENTS PRE-EXCAVATION CONDITIONS.

SCALE IN FEET
0 30 60

CEC
Civil & Environmental Consultants, Inc.
 333 Baldwin Road
 Pittsburgh, PA 15205
 (412) 429-2324 • (800) 365-2324
 Cincinnati, OH • Columbus, OH • Indianapolis, IN • Nashville, TN

REMEDIAL ACTION REPORT
LIBERTY NATIONAL DEVELOPMENT COMPANY, LLC
JERSEY CITY, NEW JERSEY, AND
PPG INDUSTRIES, INC., PITTSBURGH, PA

DATE: 10-16-03	APPROVED BY:	DWN BY: CEM
SCALE: 1"=30'		CHKD. BY:
RI SAMPLES AND POST EXCAVATION SAMPLES		SHEET 1 OF 1
		DRAWING NUMBER M5.5-7

REFERENCE:
 SHAW E & T, INC., DRAWING NO. 83404-E29

APPENDIX A-4 2004 NO FURTHER ACTION DETERMINATION

NJDEP, 2004.

***No Further Action Letter and
Covenant Not to Sue/NRD
Settlement
Tankport/Caven Point Road
Facility Remediation Project***



State of New Jersey

Department of Environmental Protection

James E. McGreevey
Governor

Bradley M. Campbell
Commissioner

AUG 03 2004

David Barry, Liberty National Development Company, LLC
Rick Jacobs, PPG Industries
The Brink's Company
ENI Oil and Gas Inc.
ExxonMobil Corporation
Collectively, "Remediation Parties", and
WA Golf Company, LLC, "Owner"

Re: Entire Site, Soils Only
Limited Restricted Use
No Further Action Letter and Covenant Not to Sue/NRD Settlement
Tankport/Caven Point Road Facility Remediation Project
Jersey City, Hudson County, New Jersey
MOA Case Numbers 98-12-18-0402-28 & 02-07-18-0056-34
ISRA Case No. 85206A
KCSL # NJL986583409
NJL000005033 (Portion - Hudson County Chromate Site #s:
002,003,004,005,008,066,112,112A & portion of 016)

Properties affected:

Pre Remedial Action: Block 1494, Lots: 1(1E),2(2S),5(2R),4(2V),6(1H),7(202),8(2Q),PLB
Block 1497.1, Lot (2J)
Block 1497 Lots: P/O 13(3M2),10(2N),9(2P),8(2L),7(2E),6(2R),5(2S),4(5),3(2G),2(2B),(1E),
Portion of (P/O) 1(1D)
Block 1500 P/O 30, P/O 22,6,P/O 15,P/O 16,P/O 12,P/O 4L,P/O 4M,P/O 10E
Block 1507, Lots: P/O 12,P/O 4L P/O 4M, 4N,P/O 10E
Post Remedial Action: Block 1494, Lots: 16,17,18,19,20,21,22,23,24,25
Block 1497.1, Lot 27
Block 1497, Lots: P/O 28,26,25,24,23,22,21,30,20,2,1(e), P/O 1(1D)
Block 1500, Lots: P/O 61,P/O 59,62,P/O 49, P/O 16,
Block 1507, Lots: P/O 37, P/O 4L, P/O 4M, P/O 4N,
P/O 10E

Dear Mr Barry and Mr. Jacobs:

Pursuant to N.J.S.A. 58:10B-13.1 and N.J.A.C. 7:26C, the New Jersey Department of Environmental Protection (Department) makes a determination that no further action (soils only) is necessary for the remediation of the area contained within the boundaries of the Tankport/Caven Point Road Facility Remediation Project. The Blocks and Lots are specifically referenced above and are depicted in more detail on the attached Exhibit A. This action is based upon information in the Department's case file and Remediation Parties' final certified Remedial Action Component Reports. In issuing this No Further Action Determination and Covenant Not to Sue, the Department has relied upon the certified representations and information provided by the Remediation Parties to the Department.

By issuance of this No Further Action Determination, the Department acknowledges the completion of a Remedial Action pursuant to the Technical Requirements for Site Remediation (N.J.A.C. 7:26E) for the entire limits of the Tankport/Caven Point Road Facility Remediation Project as depicted in the attached Exhibit A. The Department recognizes that the Remediation Parties addressed and have settled Natural Resource Injuries related to the Tankport/Caven Point Road Facility Remediation Project.

NO FURTHER ACTION CONDITIONS

As a condition of this No Further Action Determination pursuant to N.J.S.A. 58:10B-12o, the Remediation Parties and any other person who was liable for the cleanup and removal costs, and remains liable pursuant to the Spill Act, shall inform the Department in writing within 14 calendar days whenever its name or address changes. Any notices submitted pursuant to this paragraph shall reference the above case numbers and shall be sent to: Director, Division of Remediation Management and Response, P.O. Box 28, Trenton, N.J. 08625.

The Remediation Parties, and Owner, as well as each subsequent owner, lessee and operator (collectively Successors) shall comply with each of the following:

Deed Notice

Pursuant to N.J.S.A. 58:10B-13a, the Remediation Parties, Owner and Successors shall ensure that the Deed Notices filed with the Hudson County Register of Deeds are complied with, including maintenance of applicable engineering controls. The deed notices can be found at the Office of the Register of Deeds, Hudson County, New Jersey under the following Book and Page numbers: Book #07301 Page # 00157, Book # 07311 Page #s 00026, 00103, 00149, Book # 07321 Page # 00174, Book # 7330 Page # 00067.

Well Sealing

Pursuant to N.J.S.A. 58:4A, the Remediation Parties shall properly seal all monitoring wells installed as part of the remediation that will no longer be used for ground water monitoring. A certified and licensed well driller shall seal the wells in accordance with the requirements of N.J.A.C. 7:9D-3.1 *et seq.* The well abandonment forms shall be completed and submitted to the Bureau of Water Allocation. Please call (609) 984-6831 for forms and information.

Monitoring of Compliance

Pursuant to N.J.S.A. 58:10B-13.1 and N.J.A.C. 7:26E-8, the Remediation Parties, Owner and Successors shall conduct monitoring for compliance and effectiveness of the institutional and engineering control(s) specified in this document and submit written certification to the Department every two (2) years that the institutional and engineering control(s) are being properly maintained and continue to be protective of public health, safety and the environment. Such certification shall include the information relied upon to determine that no changes have occurred.

COVENANT NOT TO SUE

The Department issues this Covenant Not to Sue (Covenant) pursuant to N.J.S.A. 58:10B-13.1. The statute requires a Covenant not to sue with each No Further Action letter. However, in accordance with N.J.S.A. 58:10B-13.1, nothing in this Covenant shall benefit any person who is liable, pursuant to the Spill Compensation and Control Act (Spill Act), N.J.S.A. 58:10-23.11, for cleanup and removal costs, and the Department makes no representation by the issuance of this Covenant, either express or implied, as to the Spill Act liability of any person.

The Department covenants, except as provided in the preceding paragraph, that it will not bring any civil action against:

- (a) the Remediation Parties;
- (b) subsequent owners of the subject property;
- (c) subsequent lessees of the subject property;
- (d) subsequent operators at the subject property; and
- (e) the Owner of the subject property and its lenders;

for the purposes of requiring remediation to address contamination which existed prior to the date of the final Remedial Action Report, Volumes 1 through 3, submitted by Civil and Environmental Consultants, Inc., dated July 2004, for the real property at the Tankport/Caven Point Road Facility Remediation Site depicted in more detail on Exhibit A, payment of compensation for damages to, or loss of, natural resources, or payment of cleanup and removal costs for such additional remediation.

The Remediation Parties, Owner, and each subsequent owner, lessee and operator, during that person's ownership, tenancy or operation, shall maintain all applicable engineering and institutional controls and conduct periodic compliance monitoring in the manner the Department requires.

Any person who benefits from this Covenant may be barred from making a claim against the Spill Compensation Fund, N.J.S.A. 58:10-23.11i, and the Sanitary Landfill Facility Contingency Fund, N.J.S.A. 13:1E-105, for any costs or damages relating to the remediation covered by this Covenant. All other claims against these funds will be controlled by the corresponding statutes and their implementing regulations.

Any person who benefits from this Covenant may be barred from making a claim against the Spill Compensation Fund, N.J.S.A. 58:10-23.11i, and the Sanitary Landfill Facility Contingency Fund, N.J.S.A. 13:1E-105, for any costs or damages relating to the remediation covered by this Covenant if the Department requires additional remediation in order to remove the institutional control. All other claims against these funds will be controlled by the corresponding statutes and their implementing regulations.

Pursuant to N.J.S.A. 58:10B-13.1d, this Covenant does not relieve any person from the obligation to comply in the future with laws and regulations. The Department reserves its right to take all appropriate enforcement for any failure to do so.

The Department may revoke this Covenant at any time after providing notice upon its determination that:

- (a) any person with the legal obligation to comply with any condition in this No Further Action Determination has failed to do so;
- (b)
 - i. any person with the legal obligation to maintain or monitor any engineering or institutional controls has failed to do so; or
 - ii. any person with the legal obligation to submit, on a biennial basis, a certification that the engineering and institutional controls are being properly maintained and continue to be protective of public health, safety and of the environment has failed to do so.

This Covenant, which the Department has executed in duplicate, shall take effect immediately once the person who undertook the remediation has signed and dated the Covenant in the lines supplied below and the Department has received one copy of this document bearing original signatures of the Department and the person who undertook the remediation.

By: Liberty National Development Company .
Signature: [Signature]
Title: Member
Dated: 8-10-04

By: The Brink's Company
Signature: [Signature]
Title: VICE PRESIDENT CORPORATE FINANCE AND TREASURER
Dated: 8-11-04

By: Eni Oil & Gas Inc.
Signature: [Signature]
Title: PRESIDENT
Dated: 16 AUG 2004

By: PPG Industries
Signature: [Signature]
Title: VP, Chlor. Alkali & Derivative
Dated: 8/12/04

By: Willowbend / Liberty Golf Investments LLC, its manager
By: WA Golf Company, LLC
Signature: [Signature]
Title: Treasurer
Dated: 8-10-04

By: Exxon Mobil Corporation
Signature: [Signature]
Title: Owner Manager
Dated: 13 Aug 04

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION

By: _____
Signature: Joseph Seebode
Title: Asst Comm.
Dated: 8-18-04

NOTICES

This No Further Action Determination is for soils only for the Tankport/Caven Point Road Facility Remediation Project as depicted in more detail on Exhibit A.

Please be advised that in accordance with the "Department Oversight of the Remediation of Contaminated Sites" (N.J.A.C. 7:26C), the Remediation Parties are required to reimburse the Department for oversight of the remediation. The Department will be issuing a bill within the next four months.

Thank you for your attention to these matters. If you have any questions, please contact Robert Marcolina at (609)-633-1455.

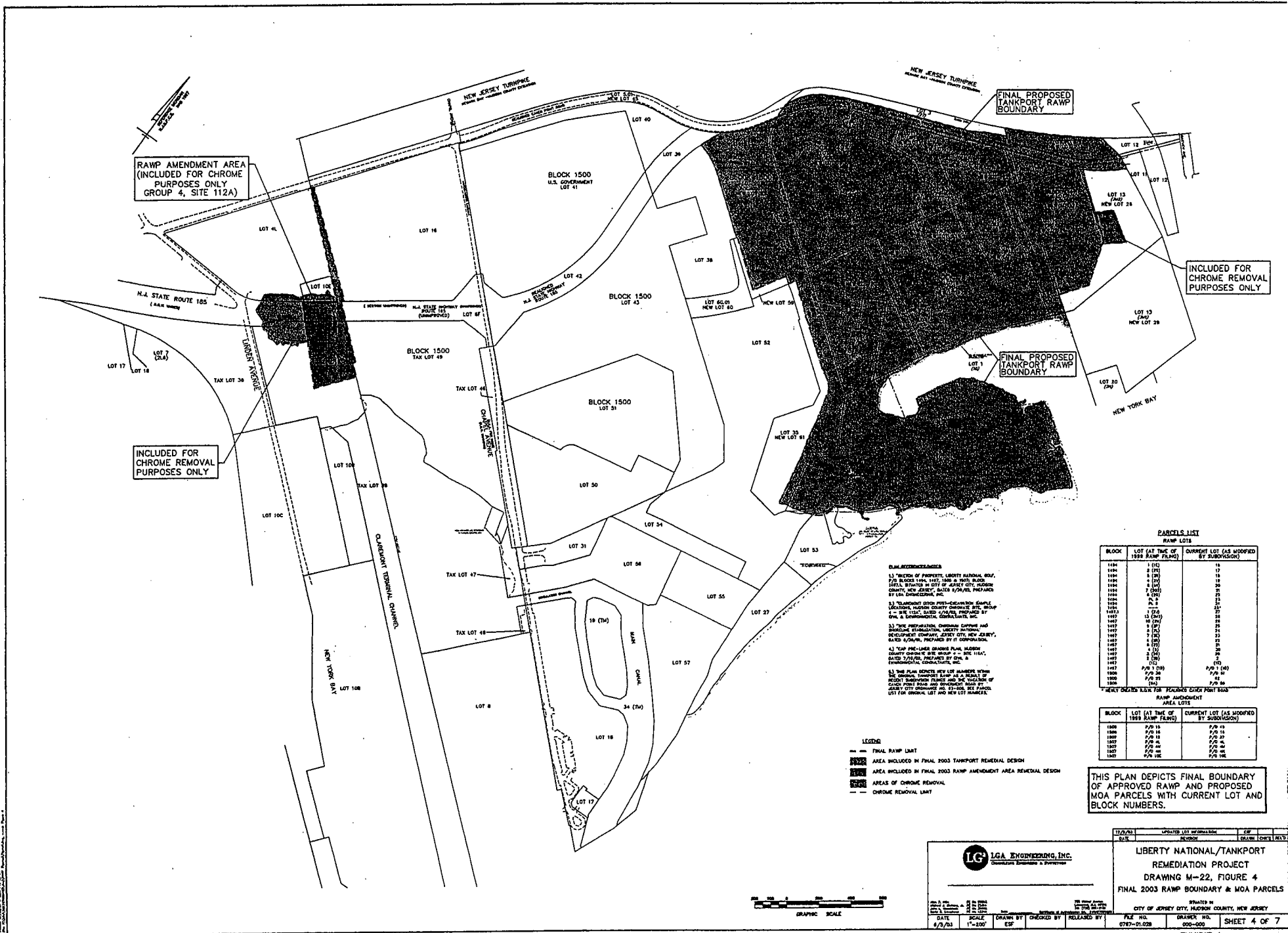
Sincerely,

Joseph Seebode

Joseph J. Seebode, Assistant Commissioner
Site Remediation & Waste Management Program

Exhibits: Exhibit A – Boundaries of the Tankport/Caven Point Road Facility Remediation Project
enclosure: Deed Notice - with site and deed notice location maps (as applicable for Deed Notices)

c: Robert Burne, Municipal Clerk, Jersey City
Hudson County Clerk
Robert Marcolina, BCM/RRE
L. Harvey Smith, Acting Mayor, City of Jersey City
Jersey City Health Dept.
NJDEP-RRE – Rob Hoch
NJDEP- BISPS - John Defina



RAMP AMENDMENT AREA
(INCLUDED FOR CHROME
PURPOSES ONLY
GROUP 4, SITE 112A)

INCLUDED FOR
CHROME REMOVAL
PURPOSES ONLY

FINAL PROPOSED
TANKPORT RAWP
BOUNDARY

FINAL PROPOSED
TANKPORT RAWP
BOUNDARY

INCLUDED FOR
CHROME REMOVAL
PURPOSES ONLY

PLAN ATTACHMENTS

1) RECORD OF PROPERTIES, LIBERTY NATIONAL TANKPORT, 1970, 1980 & 1990, BLOCK 1500, PREPARED BY CITY OF JERSEY CITY, HUDSON COUNTY, NEW JERSEY, AS PER PLAN, PREPARED BY L&L ENGINEERING, INC.

2) RAMP AMENDMENT AREA WITH CHROME REMOVAL, BLOCK 1500, HUDSON COUNTY CHROME REMOVAL SITE, GROUP 4 - THE TANKPORT, PREPARED BY ENVIRONMENTAL CONSULTANTS, INC.

3) NEW REMEDIATION, CHROME REMOVAL AND CHROME REMEDIATION, LIBERTY NATIONAL TANKPORT, PREPARED BY ENVIRONMENTAL CONSULTANTS, INC.

4) TANKPORT PRE-LINE CHROME REMOVAL, HUDSON COUNTY CHROME REMOVAL SITE, GROUP 4 - THE TANKPORT, PREPARED BY ENVIRONMENTAL CONSULTANTS, INC.

5) THE PLAN SHOWS NEW LOT NUMBERS WITHIN THE CHROME REMOVAL AREA AS A RESULT OF RECENT SURVEYING AND THE LOCATION OF CHROME REMOVAL AND CHROME REMEDIATION AREAS. NEW LOT NUMBERS ARE SHOWN IN THIS PLAN FOR ORIGINAL LOT AND NEW LOT NUMBERS.

- LEGEND**
- FINAL RAWP LIMIT
 - AREA INCLUDED IN FINAL 2003 TANKPORT REMEDIAL DESIGN
 - AREA INCLUDED IN FINAL 2003 RAMP AMENDMENT AREA REMEDIAL DESIGN
 - AREAS OF CHROME REMOVAL
 - CHROME REMOVAL LIMIT

PARCELS LIST

BLOCK	LOT (AT TIME OF 1998 RAMP PLAN)	CURRENT LOT (AS MODIFIED BY SUBDIVISION)
1500	1 (D)	13
1500	2 (D)	17
1500	3 (D)	18
1500	4 (D)	20
1500	7 (D)	21
1500	8 (D)	22
1500	9 (D)	23
1500	10 (D)	24
1500	11 (D)	25
1500	12 (D)	26
1500	13 (D)	27
1500	14 (D)	28
1500	15 (D)	29
1500	16 (D)	30
1500	17 (D)	31
1500	18 (D)	32
1500	19 (D)	33
1500	20 (D)	34
1500	21 (D)	35
1500	22 (D)	36
1500	23 (D)	37
1500	24 (D)	38
1500	25 (D)	39
1500	26 (D)	40
1500	27 (D)	41
1500	28 (D)	42
1500	29 (D)	43
1500	30 (D)	44
1500	31 (D)	45
1500	32 (D)	46
1500	33 (D)	47
1500	34 (D)	48
1500	35 (D)	49
1500	36 (D)	50
1500	37 (D)	51
1500	38 (D)	52
1500	39 (D)	53
1500	40 (D)	54
1500	41 (D)	55
1500	42 (D)	56
1500	43 (D)	57
1500	44 (D)	58
1500	45 (D)	59
1500	46 (D)	60
1500	47 (D)	61
1500	48 (D)	62
1500	49 (D)	63
1500	50 (D)	64
1500	51 (D)	65
1500	52 (D)	66
1500	53 (D)	67
1500	54 (D)	68
1500	55 (D)	69
1500	56 (D)	70
1500	57 (D)	71
1500	58 (D)	72
1500	59 (D)	73
1500	60 (D)	74
1500	61 (D)	75
1500	62 (D)	76
1500	63 (D)	77
1500	64 (D)	78
1500	65 (D)	79
1500	66 (D)	80
1500	67 (D)	81
1500	68 (D)	82
1500	69 (D)	83
1500	70 (D)	84
1500	71 (D)	85
1500	72 (D)	86
1500	73 (D)	87
1500	74 (D)	88
1500	75 (D)	89
1500	76 (D)	90
1500	77 (D)	91
1500	78 (D)	92
1500	79 (D)	93
1500	80 (D)	94
1500	81 (D)	95
1500	82 (D)	96
1500	83 (D)	97
1500	84 (D)	98
1500	85 (D)	99
1500	86 (D)	100

AREA LOTS

BLOCK	LOT (AT TIME OF 1998 RAMP PLAN)	CURRENT LOT (AS MODIFIED BY SUBDIVISION)
1500	P/2-13	P/2-13
1500	P/2-14	P/2-14
1500	P/2-15	P/2-15
1500	P/2-16	P/2-16
1500	P/2-17	P/2-17
1500	P/2-18	P/2-18
1500	P/2-19	P/2-19
1500	P/2-20	P/2-20
1500	P/2-21	P/2-21
1500	P/2-22	P/2-22
1500	P/2-23	P/2-23
1500	P/2-24	P/2-24
1500	P/2-25	P/2-25
1500	P/2-26	P/2-26
1500	P/2-27	P/2-27
1500	P/2-28	P/2-28
1500	P/2-29	P/2-29
1500	P/2-30	P/2-30
1500	P/2-31	P/2-31
1500	P/2-32	P/2-32
1500	P/2-33	P/2-33
1500	P/2-34	P/2-34
1500	P/2-35	P/2-35
1500	P/2-36	P/2-36
1500	P/2-37	P/2-37
1500	P/2-38	P/2-38
1500	P/2-39	P/2-39
1500	P/2-40	P/2-40
1500	P/2-41	P/2-41
1500	P/2-42	P/2-42
1500	P/2-43	P/2-43
1500	P/2-44	P/2-44
1500	P/2-45	P/2-45
1500	P/2-46	P/2-46
1500	P/2-47	P/2-47
1500	P/2-48	P/2-48
1500	P/2-49	P/2-49
1500	P/2-50	P/2-50
1500	P/2-51	P/2-51
1500	P/2-52	P/2-52
1500	P/2-53	P/2-53
1500	P/2-54	P/2-54
1500	P/2-55	P/2-55
1500	P/2-56	P/2-56
1500	P/2-57	P/2-57
1500	P/2-58	P/2-58
1500	P/2-59	P/2-59
1500	P/2-60	P/2-60
1500	P/2-61	P/2-61
1500	P/2-62	P/2-62
1500	P/2-63	P/2-63
1500	P/2-64	P/2-64
1500	P/2-65	P/2-65
1500	P/2-66	P/2-66
1500	P/2-67	P/2-67
1500	P/2-68	P/2-68
1500	P/2-69	P/2-69
1500	P/2-70	P/2-70
1500	P/2-71	P/2-71
1500	P/2-72	P/2-72
1500	P/2-73	P/2-73
1500	P/2-74	P/2-74
1500	P/2-75	P/2-75
1500	P/2-76	P/2-76
1500	P/2-77	P/2-77
1500	P/2-78	P/2-78
1500	P/2-79	P/2-79
1500	P/2-80	P/2-80
1500	P/2-81	P/2-81
1500	P/2-82	P/2-82
1500	P/2-83	P/2-83
1500	P/2-84	P/2-84
1500	P/2-85	P/2-85
1500	P/2-86	P/2-86
1500	P/2-87	P/2-87
1500	P/2-88	P/2-88
1500	P/2-89	P/2-89
1500	P/2-90	P/2-90
1500	P/2-91	P/2-91
1500	P/2-92	P/2-92
1500	P/2-93	P/2-93
1500	P/2-94	P/2-94
1500	P/2-95	P/2-95
1500	P/2-96	P/2-96
1500	P/2-97	P/2-97
1500	P/2-98	P/2-98
1500	P/2-99	P/2-99
1500	P/2-100	P/2-100

THIS PLAN DEPICTS FINAL BOUNDARY OF APPROVED RAMP AND PROPOSED MOA PARCELS WITH CURRENT LOT AND BLOCK NUMBERS.

IGA ENGINEERING, INC.
Geotechnical Engineers & Surveyors

LIBERTY NATIONAL/TANKPORT
REMEDIAL PROJECT
DRAWING M-22, FIGURE 4
FINAL 2003 RAMP BOUNDARY & MOA PARCELS

DATE: 6/2/03 SCALE: 1"=100'
DRAWN BY: ESP CHECKED BY: [] RELEASED BY: []

CITY OF JERSEY CITY, HUDSON COUNTY, NEW JERSEY
FILE NO. 0747-01-028 DRAWER NO. 000-000 SHEET 4 OF 7