Section XIII

Tidelands Correspondence

kernan
Consulting Engineers

Scientists, Engineers & Environmental Planners Designing Innovative Solutions for Water, Wetland and Soil Resource Management

24 August 2012

State of New Jersey
Department of Environmental Protection
Bureau of Tidelands Management
P.O. Box 439
Trenton, NJ 08625-0439

Subject: **Request For Evidence of Tidelands Ownership**
Property north of Carteret Industrial Road that Adjoins Rahway River
Borough of Carteret, Middlesex County, New Jersey
Block 9.03, Lot 21
Block 10, Lot nos. 8 – 21
Block 11.01, Lot nos. 6 – 15, 27, and 28
Princeton Hydro, LLC Project No: 1007.001

Dear Sir/Ma'am:

Princeton Hydro, LLC provides this letter and the enclosed Property Survey (Sheet 1 of 3) as a formal request for evidence of Tidelands ownership for the above-referenced property. In addition to the Property Survey, a site location map is provided herein for your reference.

If you have any questions or comments pertaining to this information, please do not hesitate to contact me at 908.237.5660. Thank you.

Sincerely,
Princeton Hydro, LLC

James P. Shallenberger
Senior Project Manager

Enclosures *Property Survey Sheet 1 of 3 prepared by Keller & Kirkpatrick*
Site Location overlain on USGS Topographic Map

cc: *C. Pucillo*
R. D'Argenio
Mark Gallagher
File P:\1007\Projects\1007001\documents/Tidelands Status Request_Aug 2012

Princeton Hydro

USGS SITE LOCATION MAP

PERMIT APPLICATION
BOROUGH OF CARTERET
MIDDLESEX COUNTY, NEW JERSEY

LEGEND

Property Boundary

1 inch = 2,000 feet

0 1,000 2,000 Feet

PRINCETON HYDRO, LLC.
1108 OLD YORK ROAD
P.O. BOX 720
RINGOES, NJ 08551

SOURCES:

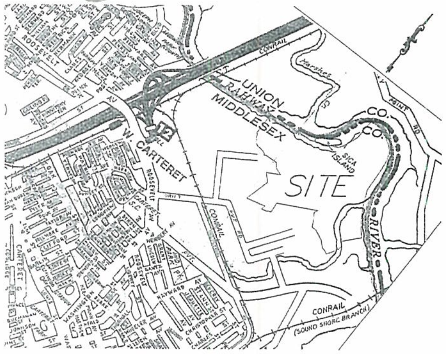
1. Property Boundary is not an official PLS survey; inaccuracies may exist.

2. USGS Topographic Digital Raster Graphic obtained from Terrain Navigator Pro, Arthur Kill, NJ Quadrangle.

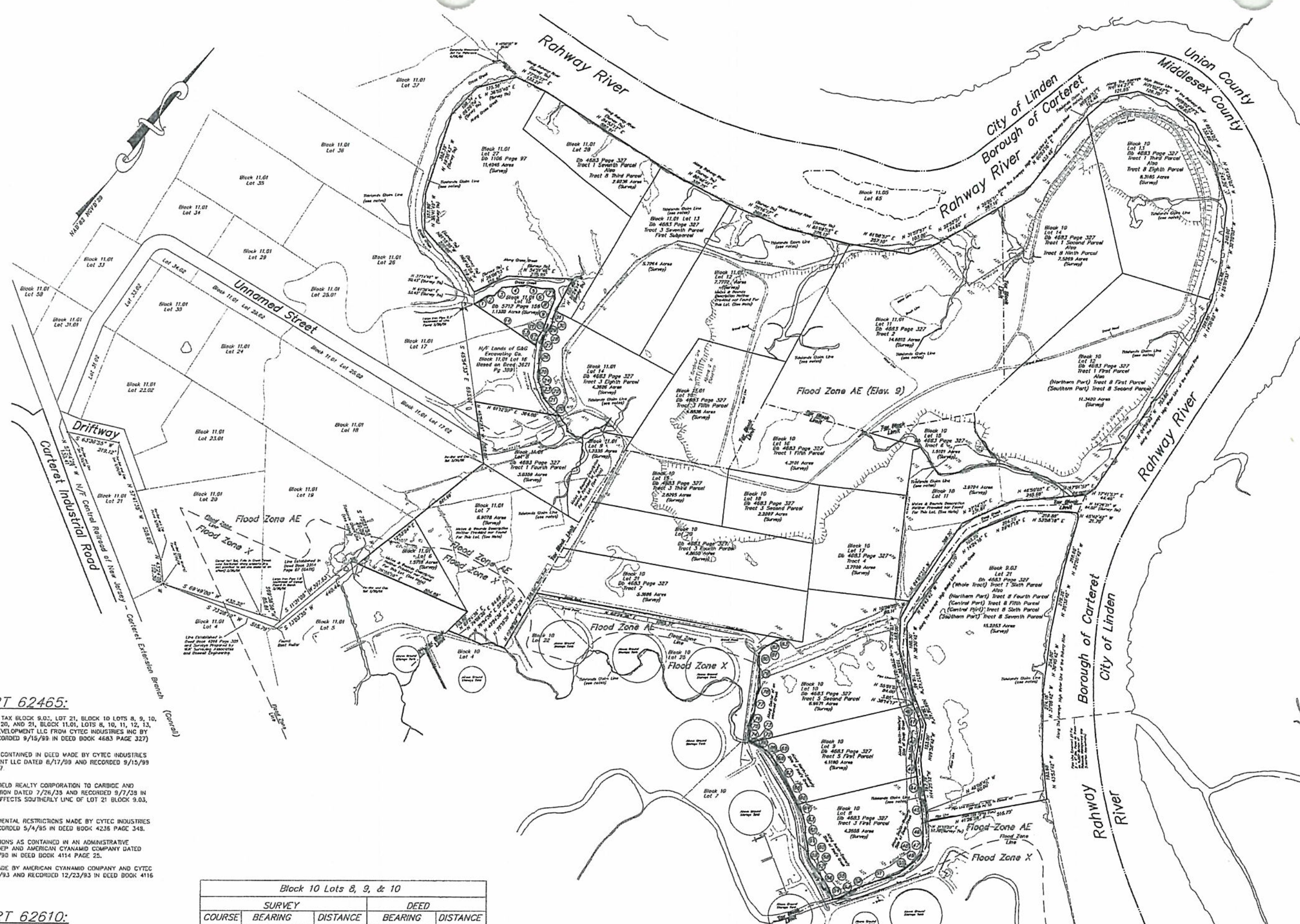
Map Projection: State Plane New Jersey (feet) NAD83

NEW JERSEY COUNTY MAP

File: P:\10071\Projects\10071001\GIS\MXD\USGS.mxd, August 03, 2010, Drawn by CLP, Copyright Princeton Hydro, LLC.



KEY MAP: Scale: 1" = 1250'



SURVEY NOTES:

A WRITTEN "WAIVER AND DIRECTION NOT TO SET CORNER MARKERS" HAS BEEN OBTAINED FROM THE ULTIMATE USER PURSUANT TO N.J.A.C. 13:40-5.1(d)

THE WORD CERTIFY, AS USED HEREON, IS UNDERSTOOD TO BE AN EXPRESSION OF PROFESSIONAL OPINION BY THE SURVEYOR, WHICH IS BASED ON HIS BEST KNOWLEDGE, INFORMATION AND BELIEF. AS SUCH, IT CONSTITUTES NEITHER A GUARANTEE NOR A WARRANTY, EXPRESSED OR IMPLIED.

IF DIGITAL INFORMATION IS ALSO SUPPLIED, IT IS DONE SO FOR INFORMATIONAL PURPOSES, ONLY. THE ORIGINAL SIGNED AND SEALED DOCUMENT IS THE DOCUMENT OF RECORD.

THIS SURVEY WAS PREPARED IN ACCORDANCE WITH REQUIREMENTS AS OUTLINED IN N.J.A.C. 13:40-5.1

IF THIS SURVEY DOES NOT CONTAIN THE RAISED SEAL OF THE SURVEYOR, IT IS AN UNAUTHORIZED REPRODUCTION OF THE SURVEY.

HORIZONTAL DATUM IS BASED UPON NORTH AMERICAN DATUM 1983.

VERTICAL DATUM IS BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929.

HORIZONTAL AND VERTICAL CONTROL WAS ESTABLISHED UTILIZING THE GLOBAL POSITIONING SYSTEM (GPS) TECHNOLOGY WITH NJI2 COR STATION AS REFERENCE. VERTICAL CONTROL WAS CONVERTED FROM NAVD 88 TO NGVD 29 UTILIZING NGS CORPSCON FOR WINDOWS VERSION 6.0. (AT THIS SITE 1.07' WAS USED, EXAMPLE IN NAVD 1988 = 10.00', SAME POINT IN NGVD 1929 = 11.07').

TOPOGRAPHIC INFORMATION SHOWN HEREON SUPPLIED BY ATLANTIS AERIAL SURVEY CO. FROM AERIAL PHOTOGRAPHY DATED 05/11/06.

UTILITY LOCATIONS SHOWN HEREON ARE FROM ABOVE GROUND OBSERVATIONS ONLY. THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE USER OF THIS SURVEY IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATIONS OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY

LOT AND BLOCK NUMBERS SHOWN HEREON ARE BASED UPON THE CURRENT TAX MAPS OF THE BOROUGH OF CARTERET, MIDDLESEX COUNTY NEW JERSEY

WETLAND LINE AND FLAG LOCATIONS ARE BASED ON MAPPING PROVIDED BY MENLO ENGINEERING ASSOCIATES AND NJDEP FILE NO.: 1201-03-0003.1.1FWW033331, THEIR LOCATION ON THIS DRAWING IS APPROXIMATE.

NO RECORD OF "UNNAMED STREET" WAS FOUND IN THE OFFICIAL RECORDS OF MIDDLESEX COUNTY. IT'S POSITION WAS ESTABLISHED UTILIZING THE ALIGNMENT FOUND ON A MAP PREPARED BY T&M ASSOCIATES DATED MAY, 1987. SAID MAP REFERENCES "SURVEY AND PLAN OF RIGHT-OF-WAY FOR PROPOSED ROAD BOROUGH OF CARTERET, MIDDLESEX COUNTY, N.J. FOR AMERICAN CYANAMID CO. SCALE: 1"=100' MARCH 30, 1951 BY: J. WALLACE HIGGINS, CIVIL ENGINEER LICENSE NO. 206. THE T&M MAP CALLS THE RIGHT OF WAY WIDTH TO BE 51'. THE OFFICIAL TAX MAPS OF CARTERET, MAP PREPARED BY WJK SURVEYING ASSOCIATES, DATED 8/11/95, AND MAP PREPARED BY BOSWELL ENGINEERING DATED 12/30/96 ALL CALL FOR A RIGHT OF WAY WIDTH OF 60'. THE R.O.W. WIDTH FOR "UNNAMED STREET" AS SHOWN ON THIS MAP WAS ESTABLISHED BY HOLDING THE CENTERLINE AS SHOWN ON THE T&M MAP WITH R.O.W.'S OF 30' ON EITHER SIDE OF CENTERLINE FOR A TOTAL R.O.W. WIDTH OF 60'.

RIPARIAN CLAIMS MAPS OBTAINED FROM THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION, LAND USE MANAGEMENT COMPLIANCE, BUREAU OF TIDELANDS MANAGEMENT.

TIDELANDS CLAIMS LINE SHOWN HEREON DEPICTS NATURAL WATERWAYS NOW OR FORMERLY TIDE-FLOWED AT MEAN HIGH WATER AS COMPILED BY NJDEP BETWEEN 1977 AND 1991. THIS DATA HAS BEEN INSERTED INTO THIS DRAWING IN NAD '83 FROM A CD SUPPLIED BY NJDEP UNDER THE HEADING OF "GIS RESOURCE DATA". CONDITIONS AND RESTRICTIONS CONTAINED ON SAID DISK APPLY TO THE USE OF THIS INFORMATION.

THE NEW JERSEY BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS PROHIBITS ENGINEERING OR SURVEYING DOCUMENTS PREPARED BY ONE LICENSEE FROM BEING ALTERED, AMENDED, EXPANDED, FINALIZED OR OTHER- WISE ADJUSTED BY ANOTHER LICENSEE WHO WAS NOT IN RESPONSIBLE CHARGE OF THE INITIAL WORK PRODUCT. THE ONLY EXCEPTION TO THE PROHIBITION IS THE USE OF PLANS PREPARED BY OTHERS FOR AS-BUILT PURPOSES WHERE THE NATURE OF THE AS-BUILT ALLOWS THE AS-BUILT DATA TO BE ADDED TO THE PREVIOUSLY PREPARED PLAN WHERE THERE IS, THEREFORE, NO NEED TO ADJUST OR CHANGE THE UNDERLYING DESIGN DOCUMENT.

THIS SURVEY IS SUBJECT TO EASEMENTS OF RECORD AND ANY OTHER PERTINENT FACTS WHICH A TITLE SEARCH MIGHT DISCLOSE.

THIS SURVEY WAS PREPARED WITH PARTICULAR ATTENTION TO TITLE REPORTS BY ROYAL ABSTRACT (AGENTS FOR CHICAGO TITLE INSURANCE COMPANY):
TITLE No.: 62465, EFFECTIVE DATE 7/12/06
TITLE No.: 62610, EFFECTIVE DATE 7/12/06
TITLE No.: 62611, EFFECTIVE DATE 7/12/06
TITLE No.: 63033, EFFECTIVE DATE 7/20/04

METES & BOUNDS DESCRIPTIONS WERE NEITHER PROVIDED NOR FOUND FOR THE FOLLOWING LOTS, BLOCK 10 LOT 11, BLOCK 11.01 LOTS 6, 7, 9, & 12. LOT LINES WERE ESTABLISHED UTILIZING ADJOINING DEED DESCRIPTIONS, PHYSICAL FEATURES (WATER COURSES, ETC.) TAX MAPS AND FIELD EVIDENCE.

A PORTION OF THIS PROPERTY (N/F CYTEC INDUSTRIES INC.) IS AFFECTED BY A RESTRICTIVE COVENANT AS CONTAINED IN A CERTAIN ADMINISTRATIVE CONSENT ORDER DATED SEPTEMBER 5, 1990, AMENDED AUGUST 5, 1993 AND RECORDED IN THE MIDDLESEX COUNTY CLERK'S OFFICE ON DECEMBER 15, 1993 AS INSTRUMENT NO. 17812.

MAP REFERENCE:

MAP ENTITLED "SURVEY OF PROPERTY LOTS 20, 23.01, 23.02, BLOCK 11.01, BOROUGH OF CARTERET, MIDDLESEX COUNTY, NEW JERSEY" PREPARED BY WJK SURVEYING ASSOCIATES, SHEET 1 OF 1, DATED AUGUST 8, 1995.

MAP ENTITLED "SURVEY OF BLOCK 11.01, LOTS 31.02, 33.02, 34.02, 23.02, 24, 30, 44, 45 39, 35, 26, 29.01, 34.01, 33.01, BOROUGH OF CARTERET, MIDDLESEX COUNTY, NEW JERSEY" PREPARED BY T&M ASSOCIATES, DATED MAY, 1987

MAP ENTITLED "SURVEY OF PROPERTY, LOTS 31.01, 40, 41, 42, 43, 50, 52, 58, & 60, BLOCK 11.01, BOROUGH OF CARTERET, MIDDLESEX COUNTY, NEW JERSEY" PREPARED BY WJK SURVEYING ASSOCIATES, DATED JANUARY 27, 1994, LAST REVISED APRIL 7, 1998.

MAP ENTITLED "BOUNDARY SURVEY, LOTS 17.01, 17.02, 18, 19, 20, 23.01, 23.02, 24, 25.01, 25.02, 26, 29.01, 29.02, 30, 31.01, 31.02, 33.01, 33.02, 34.01, 34.02, 35 THRU 47, 49, 50 52, 58 AND 60 IN BLOCK 11.01, BOROUGH OF CARTERET, MIDDLESEX COUNTY, NEW JERSEY" PREPARED BY BOSWELL ENGINEERING, DATED DECEMBER 30, 1996.

MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, THE CENTRAL RAILROAD CO. OF NEW JERSEY, SOUND SHORE BRANCH, CARTERET BRANCH, CENTRAL DIVISION, STATION 11+95 TO STATION 64+71" SHEET NO. 3A OF THE CARTERET BRANCH, DATED JUNE 30, 1918, LAST REVISED JANUARY 1, 1954.

MAP ENTITLED "ALTA / ACSM LAND TITLE SURVEY, BLOCK 11.01 LOTS 17, 17.02, 18, 19, 20, 23.01, 23.02, 24, 25.01, 25.02, 26, 29, 29.02, 30, 31.01, 31.02, 33, 33.02, 34, 34.02, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 49, 50 52, 58, 60, AND "UNNAMED STREET" AND DRIFTWAY, BOROUGH OF CARTERET, MIDDLESEX COUNTY, NEW JERSEY" PREPARED BY KELLER & KIRKPATRICK, DATED JAN. 31, 2003 AND REVISED THROUGH JULY 24, 2006.

MAP ENTITLED "PARTIAL BOUNDARY LINE SURVEY FOR KINDERMORGAN TERMINAL, PROPERTY LINE LOCATION, BOROUGH OF CARTERET, MIDDLESEX COUNTY, NEW JERSEY" PREPARED BY VOLOSIN ASSOCIATES, DATED MARCH 31, 2004 AND REVISED TO APRIL 1, 2004.

TITLE REPORT 62465:

THIS TITLE REPORT REFERS TO TAX BLOCK 9.03, LOT 21, BLOCK 10 LOTS 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, AND 21, BLOCK 11.01, LOTS 8, 10, 11, 12, 13, 14 AND 28. (N/F CARTERET DEVELOPMENT LLC FROM CYTEC INDUSTRIES INC BY DEED DATED 8/17/99 AND RECORDED 9/15/99 IN DEED BOOK 4683 PAGE 327)

9. SUBJECT TO RESTRICTIONS CONTAINED IN DEED MADE BY CYTEC INDUSTRIES INC. TO CARTERET DEVELOPMENT LLC DATED 8/17/99 AND RECORDED 9/15/99 IN DEED BOOK 4683 PAGE 327.

10. EASEMENT MADE BY RICHFIELD REALTY CORPORATION TO CARBIDE AND CARBON CHEMICALS CORPORATION DATED 7/26/38 AND RECORDED 9/7/38 IN DEED BOOK 1139 PAGE 53. (AFFECTS SOUTHERLY LINE OF LOT 21 BLOCK 9.03, 40' PIPE LINE EASEMENT)

11. DECLARATION OF ENVIRONMENTAL RESTRICTIONS MADE BY CYTEC INDUSTRIES INC. DATED 4/26/95 AND RECORDED 5/4/95 IN DEED BOOK 4236 PAGE 348.

12. COVENANTS AND RESTRICTIONS AS CONTAINED IN AN ADMINISTRATIVE CONSENT ORDER BETWEEN NJDEP AND AMERICAN CYANAMID COMPANY DATED 9/5/90 AND RECORDED 11/5/90 IN DEED BOOK 4114 PAGE 25.

13. RESTRICTIVE COVENANT MADE BY AMERICAN CYANAMID COMPANY AND CYTEC INDUSTRIES INC. DATED 12/17/93 AND RECORDED 12/23/93 IN DEED BOOK 4116 PAGE 242.

TITLE REPORT 62610:

THIS TITLE REPORT REFERS TO TAX BLOCK 11.01, LOTS 6, 7, 9, AND 27, (LOT 6 UNKNOWN OWNER). (N/F BOROUGH OF CARTERET)

8. RIGHT OF WAY EASEMENT BY HERMANN REALTY CO. AND COLONIAL PIPELINE COMPANY IN DB 2476 PG 668 (FALLS IN THE NORTH- WEST CORNER OF LOT 49 BLOCK 11.01 WHICH IS TO THE WEST OF THIS SURVEY AND DOES NOT AFFECT THIS SURVEY).

9. RIGHT OF WAY EASEMENT BY THE BOROUGH OF CARTERET AND COLONIAL PIPELINE COMPANY IN DB 2493 PG 407, TRACT 1 (FALLS IN LOTS 20 & 21 BLOCK 11 AND IS NOT WITHIN THE BOUNDS OF THIS SURVEY. TRACT 2 FALLS IN LOT 51 BLOCK 11.04 AND IS NOT WITHIN THE BOUNDS OF THIS SURVEY. TRACTS 3 & 4 FALL WITHIN DRIFTWAY).

10. RIGHT OF WAY EASEMENT BY THE BOROUGH OF CARTERET AND FISH CONSTRUCTORS IN DB 1601 PG 332 (IS NOT WITHIN THE BOUNDS OF THIS SURVEY).

11. RIGHT OF WAY EASEMENT BY THE BOROUGH OF CARTERET AND SOCONY-VACUUM OIL COMPANY IN DB 1803 PG 590 (EASEMENT IS ON LOTS 44, 45, 46 & 47 IN BLOCK 11.01 AND IS NOT WITHIN THE BOUNDS OF THIS SURVEY).

12. EASEMENT AGREEMENT BY THE BOROUGH OF CARTERET AND THE RAHWAY VALLEY SEWERAGE AUTHORITY IN DB 2026 PG 217 (IS NOT WITHIN THE BOUNDS OF THIS SURVEY).

13. RIGHT OF WAY EASEMENT BY THE BOROUGH OF CARTERET AND THE RAHWAY VALLEY SEWERAGE AUTHORITY IN DB 2611 PG 342 (FALLS ON THE WESTERN LOT LINE OF LOT 53 AND IS NOT WITHIN THE BOUNDS OF THIS SURVEY).

14. RIGHT OF WAY EASEMENT BY THE BOROUGH OF CARTERET AND PUBLIC SERVICE ELECTRIC AND GAS COMPANY IN DB 2998 PG 314 (FALLS ON LOTS 50, 44, 45, 46 & 47 IN BLOCK 11.01 AND IS NOT WITHIN THE BOUNDS OF THIS SURVEY).

TITLE REPORT 62611:

THIS TITLE REPORT REFERS TO TAX BLOCK 10, LOT 11. (N/F BOROUGH OF CARTERET)

NO ITEMS IN SCHEDULE B - SECTION II PERTAIN TO THIS SURVEY.

TITLE REPORT 63033:

THIS TITLE REPORT REFERS TO TAX BLOCK 11.01, LOT 15. (N/F TITAN-PDC CARTERET II, LLC)

NO ITEMS IN SCHEDULE B - SECTION II PERTAIN TO THIS SURVEY.

Block 10 Lots 8, 9, & 10

	SURVEY		DEED	
COURSE	BEARING	DISTANCE	BEARING	DISTANCE
40	S 63° 01' 01" E	58.00'	S 53° E	58'
41	S 49° 01' 01" E	47.00'	S 39° E	47'
42	S 30° 01' 01" E	151.00'	S 20° E	151'
43	S 44° 01' 01" E	57.50'	S 34° E	57.50'
44	S 47° 39' 01" E	99.12'	S 37°38' E	99.12'
45	S 42° 01' 01" E	100.00'	S 32° E	100'
46	S 39° 01' 01" E	90.00'	S 29° E	90'
47	S 31° 01' 01" E	25.00'	S 21° E	25'
48	S 16° 01' 01" E	18.00'	S 06° E	18'
49	S 03° 58' 59" W	44.00'	S 14° W	44'
50	S 13° 58' 59" W	78.00'	S 24° W	78'
51	S 32° 58' 59" W	145.00'	S 43° W	145'
52	S 28° 58' 59" W	46.00'	S 39° W	46'
53	S 22° 58' 59" W	72.00'	S 33° W	72'
54	S 33° 58' 59" W	37.00'	S 44° W	37'
55	N 57° 41' 01" W	53.28'	N 47°40' W	53.28'
56	N 71° 11' 01" W	69.48'	N 61°10' W	69.48'
57	N 75° 11' 01" W	57.50'	N 65°10' W	57.50'
58	N 65° 01' 01" W	25.00'	N 55° W	25'
59	N 48° 01' 01" W	19.00'	N 38° W	19'
60	N 40° 01' 01" W	14.00'	N 30° W	14'
61	N 47° 31' 01" W	75.00'	N 37°30' W	75'
62	N 35° 01' 01" W	25.00'	N 25° W	25'
63	N 51° 31' 01" W	50.00'	N 41°30' W	50'
64	N 65° 40' 13" W	49.99'	N 55°40' W	50'
65	N 61° 21' 01" W	35.50'	N 51°20' W	35.5'
66	N 65° 31' 01" W	53.00'	N 55°30' W	53'
67	N 67° 26' 01" W	97.00'	N 57°25' W	97'
68	N 66° 01' 01" W	41.00'	N 56° W	41'
69	N 79° 01' 01" W	19.00'	N 69° W	19'
70	N 88° 01' 01" W	18.50'	N 78° W	18.5'
71	S 82° 58' 59" W	65.00'	N 87° W	66'
72	S 71° 58' 57" W	7.67'	S 82° W	7.67'
73	S 64° 03' 46" W	8.92'	S 74° W	9'
74	N 32° 05' 22" W	47.00'	N 22° W	47'
75	N 42° 05' 22" W	18.00'	N 32° W	18'
76	N 19° 05' 22" W	55.00'	N 09° W	55'
77	N 28° 35' 22" W	87.00'	N 18°30' W	87'
78	N 11° 05' 22" W	27.00'	N 01° W	27'
79	N 39° 05' 22" W	102.00'	N 29° W	102'
80	N 42° 05' 22" W	48.50'	N 32° W	48.50'
81	N 02° 54' 38" E	32.00'	N 13° E	32'
82	N 22° 54' 38" E	63.00'	N 33° E	63'
83	N 37° 54' 38" E	33.50'	N 48° E	33.50'

Block 11.01 Lot 15

COURSE	BEARING	DISTANCE
1	N 21°03'31" E	70.93'
2	N 55°44'35" E	22.99'
3	N 06°59'22" E	50.37'
4	N 46°38'42" E	104.69'
5	N 64°19'23" E	66.65'
6	N 50°50'04" E	42.64'
7	N 90°00'00" E	12.00'
8	S 41°21'24" E	34.72'
9	S 17°30'00" E	109.11'
10	S 22°01'02" E	34.52'
11	S 01°36'51" E	33.01'
12	S 19°59'34" E	31.99'
13	S 40°50'24" E	10.33'
14	S 85°43'56" W	320.07'

Block 11.01 Lot 14

	SURVEY		DEED	
COURSE	BEARING	DISTANCE	BEARING	DISTANCE
20	N 82° 40' 14" W	53.94'	S 72° E	55'
21	N 74° 05' 38" W	45.00'	S 64° E	45'
22	N 63° 05' 38" W	25.00'	S 53° E	25'
23	N 47° 05' 38" W	25.00'	S 37° E	25'
24	N 60° 05' 38" W	25.00'	S 50° E	25'
25	N 38° 05' 38" W	78.00'	S 28° E	78'
26	N 29° 05' 38" W	57.00'	S 19° E	57'
27	N 26° 05' 38" W	48.00'	S 16° E	48'
28	N 18° 05' 38" W	22.00'	S 8° E	22'
29	N 07° 05' 38" W	60.00'	S 3° W	60'
30	N 48° 05' 38" W	14.00'	S 38° E	14'
31	N 16° 05' 41" W	38.86'	S 6° E	38.87'

AREA CHART:

CYTEC INDUSTRIES INC.		
BLOCK 9.03	LOT 21	15.2253 ACRES
BLOCK 10	LOT 8	4.2655 ACRES
BLOCK 10	LOT 9	4.1180 ACRES
BLOCK 10	LOT 10	6.9671 ACRES
BLOCK 10	LOT 12	11.3420 ACRES
BLOCK 10	LOT 13	8.3185 ACRES
BLOCK 10	LOT 14	7.5269 ACRES
BLOCK 10	LOT 15	1.5121 ACRES
BLOCK 10	LOT 16	4.3101 ACRES
BLOCK 10	LOT 17	3.7709 ACRES
BLOCK 10	LOT 18	2.2287 ACRES
BLOCK 10	LOT 19	2.8295 ACRES
BLOCK 10	LOT 20	4.8650 ACRES
BLOCK 10	LOT 21	5.3686 ACRES
BLOCK 11.01	LOT 8	3.0359 ACRES
BLOCK 11.01	LOT 10	4.8838 ACRES
BLOCK 11.01	LOT 11	14.6815 ACRES
BLOCK 11.01	LOT 12	7.7772 ACRES
BLOCK 11.01	LOT 13	5.7284 ACRES
BLOCK 11.01	LOT 14	4.3626 ACRES
BLOCK 11.01	LOT 28	2.9236 ACRES
SUBTOTAL		126.0392 ACRES
BOROUGH OF CARTERET		
BLOCK 10	LOT 11	3.9724 ACRES
BLOCK 11.01	LOT 7	6.9078 ACRES
BLOCK 11.01	LOT 9	1.2335 ACRES
BLOCK 11.01	LOT 27	11.4045 ACRES
SUBTOTAL		23.5182 ACRES
UNKNOWN OWNER		
BLOCK 11.01	LOT 6	1.5718 ACRES
SUBTOTAL		1.5718 ACRES
TITAN-PDC CARTERET II, LLC		
BLOCK 11.01	LOT 15	1.1330 ACRES
SUBTOTAL		1.1330 ACRES
TOTAL AREA OF LOTS =		152.2622 ACRES

FLOOD ZONE DESIGNATION:

THIS SITE FALLS WITHIN SPECIAL FLOOD HAZARD ZONE AE(el. 9), OTHER FLOOD AREAS ZONE X AND OTHER AREAS ZONE X, AS SHOWN ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP, COMMUNITY-PANEL 340257 0005 B, DATED NOVEMBER 15, 1978 AND REVISED APRIL 15, 1992.

SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD
ZONE AE - BASE FLOOD ELEVATIONS DETERMINED FOR THIS SITE 9'.

OTHER FLOOD AREAS
ZONE X - AREAS OF 500-YEAR FLOOD: AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE: AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD.

OTHER AREAS
ZONE X - AREAS OF 500-YEAR FLOOD: AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD-PLAIN.

SURVEY CERTIFIED TO:

TITAN PDC CARTERET II, LLC
WILENTZ GOLDMAN & SPITZER, P.A.
ROYAL ABSTRACT OF NEW YORK, LLC
CHICAGO TITLE INSURANCE COMPANY

REVISIONS		
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0 100 200 400 800

DATE: 9/29/06 SCALE: 1" = 200' FLD. BK.: 62-13
PROJ.: 2021203.12 CHKD.: PAGE: 21

Keller & Kirkpatrick
Certificate of Authorization #24GA28037400
800 Lanidex Plaza, Parsippany, N.J 07054 973-887-0208
CONSULTING ENGINEERS LAND SURVEYORS LANDSCAPE ARCHITECTS PLANNERS
10/23/06
ROBERT C. KIRKPATRICK, JR., Professional Engineer and Land Surveyor, Lic. 11359
GEORGE F. JAMES, Professional Engineer, Lic. 22934
WERNER A. MALL, Professional Land Surveyor, Lic. 37201

ALTA / ACSM LAND TITLE SURVEY
BLOCK 9.03 LOT 21
BLOCK 10 LOTS 8 – 21
BLOCK 11.01 LOTS 6 – 15, 27 & 28
BOROUGH OF CARTERET, MIDDLESEX COUNTY, NEW JERSEY

SHEET No. 1 OF 3

Enclosed Separately

- Plans entitled "LAND USE PERMITTING PLANS FOR RAHWAY ARCH PROPERTIES-SITE REMEDIATION" as prepared by J. Timothy Kernan, Inc., Sheets 1-20, dated November 29, 2012

- Photo Location Plan, as prepared by J. Timothy Kernan, Inc., Sheet 1 of 1, dated November 29, 2012

- Stormwater Management Report for Rahway Arch Properties-Site Remediation as prepared by J. Timothy Kernan, Inc., dated November 29, 2012

- Flood Hazard Area-Hardship Exception Request Report as prepared by J. Timothy Kernan, Inc., dated November 29, 2012