

TABLE OF CONTENTS

SECTION B	FACILITY DESCRIPTION	B-1
B-1	GENERAL DESCRIPTION	B-1
B-2	TOPOGRAPHIC MAP	B-1
B-3	FACILITY LOCATION INFORMATION	B-9
B-4	TRAFFIC PATTERNS	B-9

FIGURES

FIGURE B-1 – U.S.G.S. TOPOGRAPHIC MAP
FIGURE B-2 – FLOOD INSURANCE RATE MAP (PROVIDED IN APPENDIX B-1)
FIGURE B-3 – SURROUNDING LAND USE MAP
FIGURE B-4 – FALLS TOWNSHIP ZONING MAP (PROVIDED IN APPENDIX B-1)
FIGURE B-5 – YEARLY WIND ROSE
FIGURE B-6 – SURROUNDING WELL LOCATIONS
FIGURE B-7 – AREA TRAFFIC PATTERNS
FIGURE B-8 – PLANT TRAFFIC PATTERNS

APPENDICES

APPENDIX B-1 – DRAWINGS AND LARGE FIGURES
APPENDIX B-2 – AVAILABLE INFORMATION ON AREA WELLS

SECTION B

FACILITY DESCRIPTION

B-1 GENERAL DESCRIPTION

A general description of the facility is provided in Section A-1 and Appendix A-3 of Section A of this application. Additionally, Appendix A-3 includes a simplified block diagram of the operations.

B-2 TOPOGRAPHIC MAP

The topography of the site anticipated for development is generally flat and is located within the former US Steel Fairless site, now known as the Keystone Industrial Port Complex (KIPC), which is being redeveloped. Various light and heavy industrial facilities are located at the site.

As required by 40 CFR Part 270.14(b)(19), Drawing C101 in Appendix B-1 provides the following information:

- A distance of 1,000 feet around the facility at a scale of 1 inch to no more than 200 feet
- Contours at an interval of 2 feet
- Scale and Date
- The 100-Year Flood Plain Area
- Surface Waters
- Surrounding Land Use
- Wind Rose
- Map Orientation
- Legal Boundaries
- Access Control
- Injection and Withdrawal Wells (on site and off site)
- Buildings and Other Structures
- Drainage and Flood Control Barriers
- Location of operational units within the hazardous waste management facility site

Providing all of the required information above on a single drawing, as required, makes it difficult to clearly see some of the information, so the following additional drawings or figures are also provided:

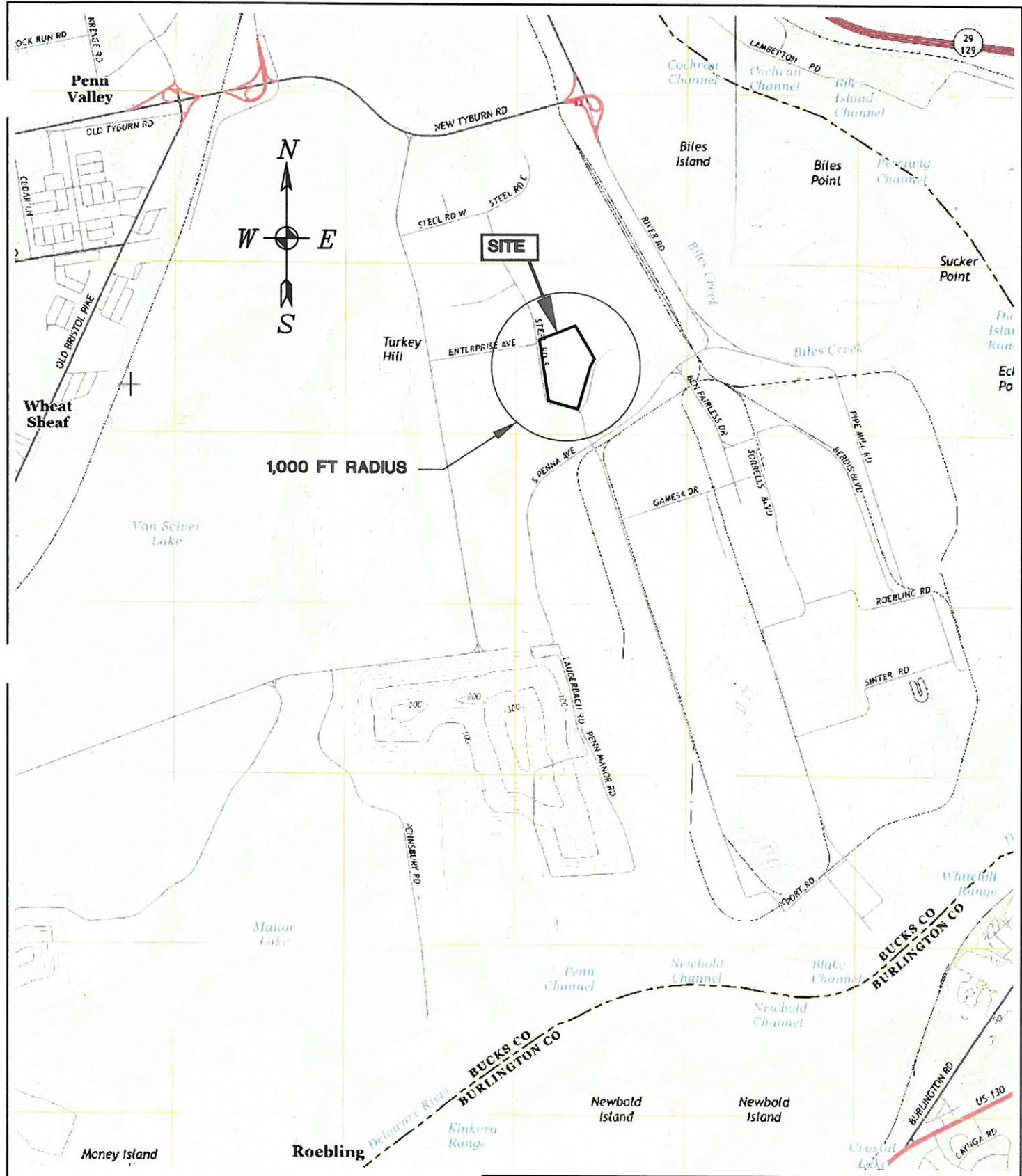
- Drawing C102 in Appendix B-1 provides a more detailed view of the area of the property where hazardous or residual wastes will be stored or treated. It is easier to see buildings, treatment and storage operation locations, roads, and other key structures on the property on this drawing. Additionally, drawings in Appendix D-1 of Section D of this application

are floor and elevation plans that show the location of equipment within the Treatment Building as well as all tanks and other treatment equipment.

- Figure B-1 is a portion of a United States Geological Survey (U.S.G.S.) topographic map showing the facility and a 1,000-foot radius around the facility. This figure provides a larger view of the topographic features of the area and shows the generalized flow of surface water in the vicinity of the proposed facility.
- Figure B-2, provided in Appendix B-1 due to its size, is the Flood Insurance Rate Map for the area showing the location of the site relative to the 100-year floodplain.
- Figure B-3 provides the land use of the surrounding area
- Figure B-4, provided in Appendix B-1 due to its size, provides the zoning map for Falls Township and shows location of the proposed Elcon facility with a 1,000 zone around the facility.
- Figure B-5 is a wind rose.
- Figure B-6 shows locations of injection and withdrawal wells. There are no injection or withdrawal wells on the proposed Elcon site; there are also no injection or withdrawal wells within 1,000 feet of the property line. A search of wells within 1 mile of the site was completed utilizing the Pennsylvania Department of Conservation and Natural Resources' (DCNR') Pennsylvania Groundwater Information System (PaGWIS). The search returned six wells (3 test wells, 2 withdrawal wells, and 1 destroyed well) within 1 mile of the site. Appendix B-2 provides additional information related to the wells.

Elcon is not proposing any land disposal operations at the facility. Item B-2b on the Department's checklist is not applicable.

Regarding drainage and flood control barriers – The developed footprint of the site will provide for stormwater collection. Except precipitation that falls within the secondary containment areas, the stormwater will not potentially come into contact with process water and will, therefore, not require treatment. Stormwater outside the containment areas will be infiltrated to the extent possible, and additional runoff will be discharged to surface water through a NPDES-permitted stormwater discharge. Stormwater collected within the secondary hazardous waste containment areas will be treated in Elcon's process. Stormwater outside of the secondary containment areas and within the developed area of the site will discharge to the infiltration basin. Elcon will have the ability to shut down the discharge to the infiltration basin in the unlikely event of a spill breaching one of the secondary containment areas. Additionally, a barrier wall will surround the active area of the site which will provide additional protection from flooding in the event of a precipitation event on the order of a 500-year event. Additional information on this barrier wall is provided in Section A-11 of Section A of this application.



ies
ENGINEERS
 Date: 12-28-16 PROJECT: EV161065.01

Figure B-1
 U.S.G.S. 7 1/2 MINUTE SERIES
 TRENTON, NJ W. & E. QUADRANGLE
 ELCON RECYCLING FACILITY
 FALLS TOWNSHIP, BUCKS COUNTY, PA

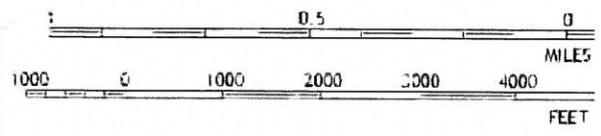
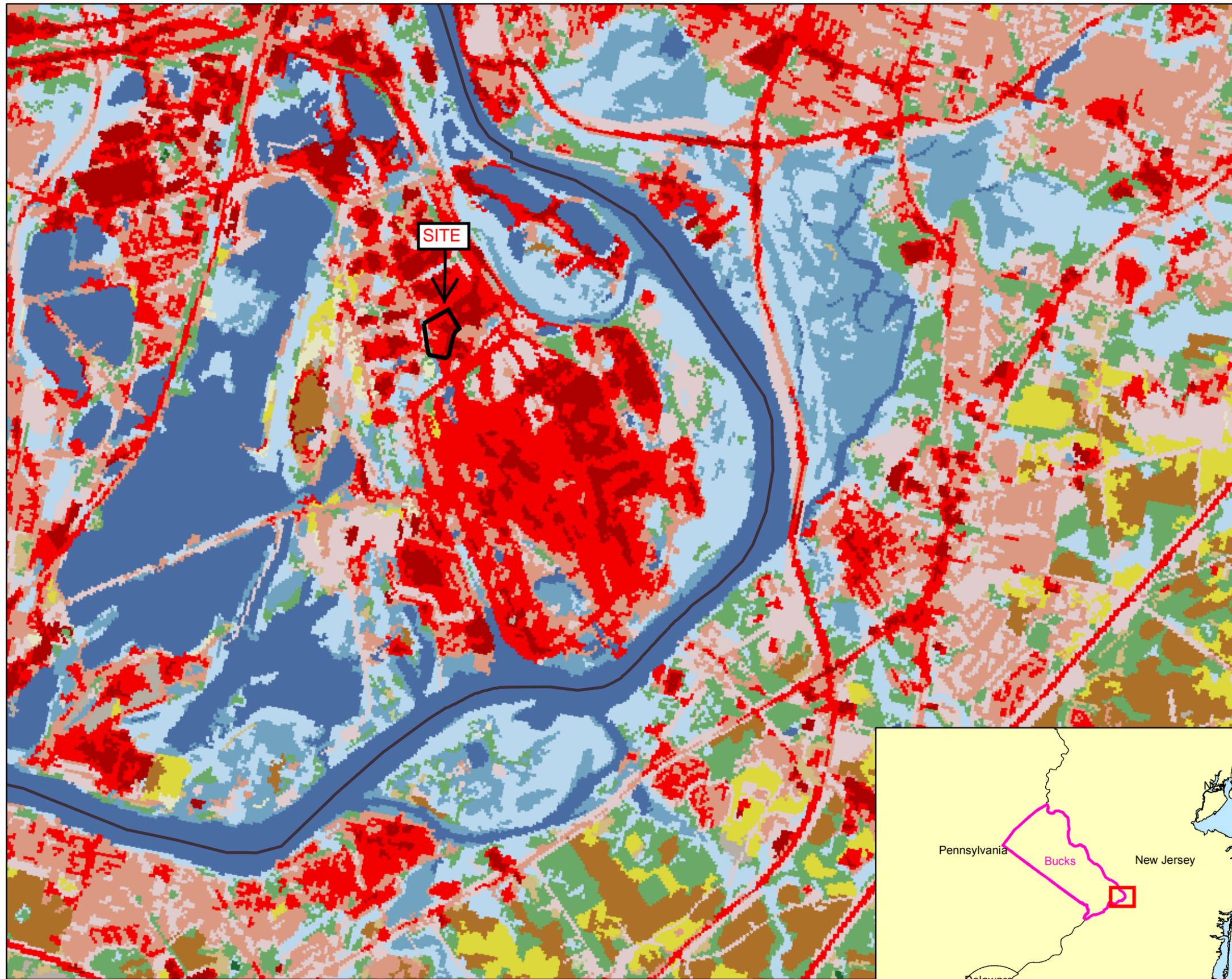


FIGURE B-2
(note that the Figure is provided in Appendix B-1 due to its size)



NLCD Land Cover Classification Legend

- 11 Open Water
- 12 Perennial Ice/ Snow
- 21 Developed, Open Space
- 22 Developed, Low Intensity
- 23 Developed, Medium Intensity
- 24 Developed, High Intensity
- 31 Barren Land (Rock/Sand/Clay)
- 41 Deciduous Forest
- 42 Evergreen Forest
- 43 Mixed Forest
- 51 Dwarf Scrub*
- 52 Shrub/Scrub
- 71 Grassland/Herbaceous
- 72 Sedge/Herbaceous*
- 73 Lichens*
- 74 Moss*
- 81 Pasture/Hay
- 82 Cultivated Crops
- 90 Woody Wetlands
- 95 Emergent Herbaceous Wetlands

* Alaska only

NOTES

2006 NLCD Data

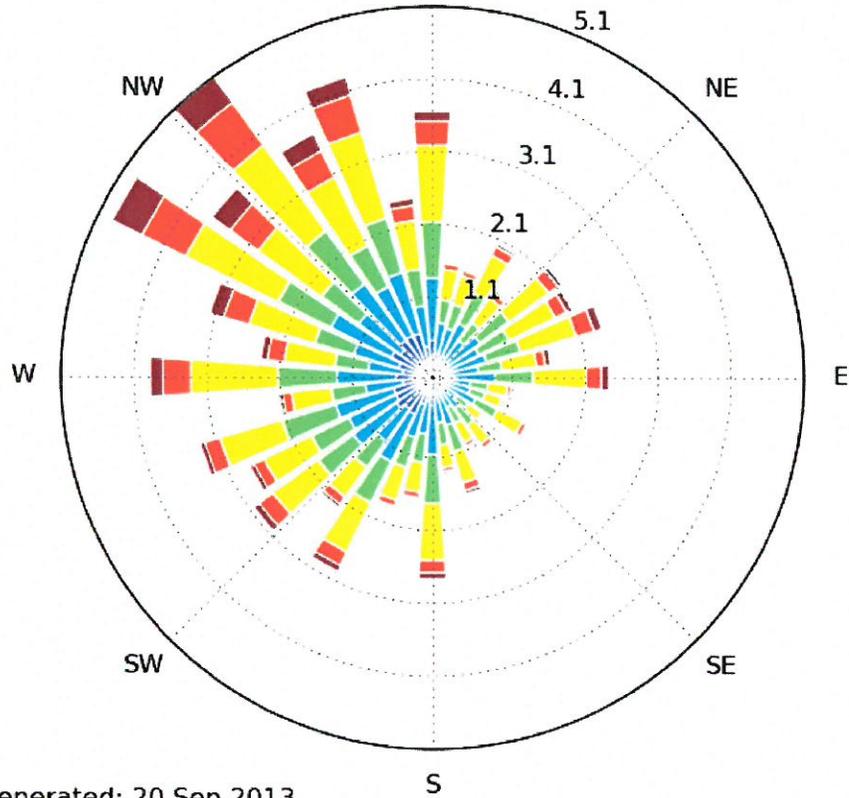


Figure B-3
Surrounding Land Use Map

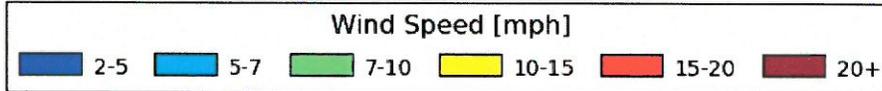
FIGURE B-4
(note that the Figure is provided in Appendix B-1 due to its size)



[TTN] TRENTON/MERCER CO.
Windrose Plot [All Year]
Period of Record: 31 Dec 1972 - 19 Sep 2013
Obs Count: 329314 Calm: 13.5% Avg Speed: 8.4 mph

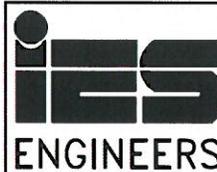


Generated: 20 Sep 2013



NOTES:

- 1) The Trenton/Mercer Co. station is approximately 8 miles NNW of the subject site.
- 2) Wind rose provided by Iowa Environmental Mesonet, Iowa State University Department of Agronomy

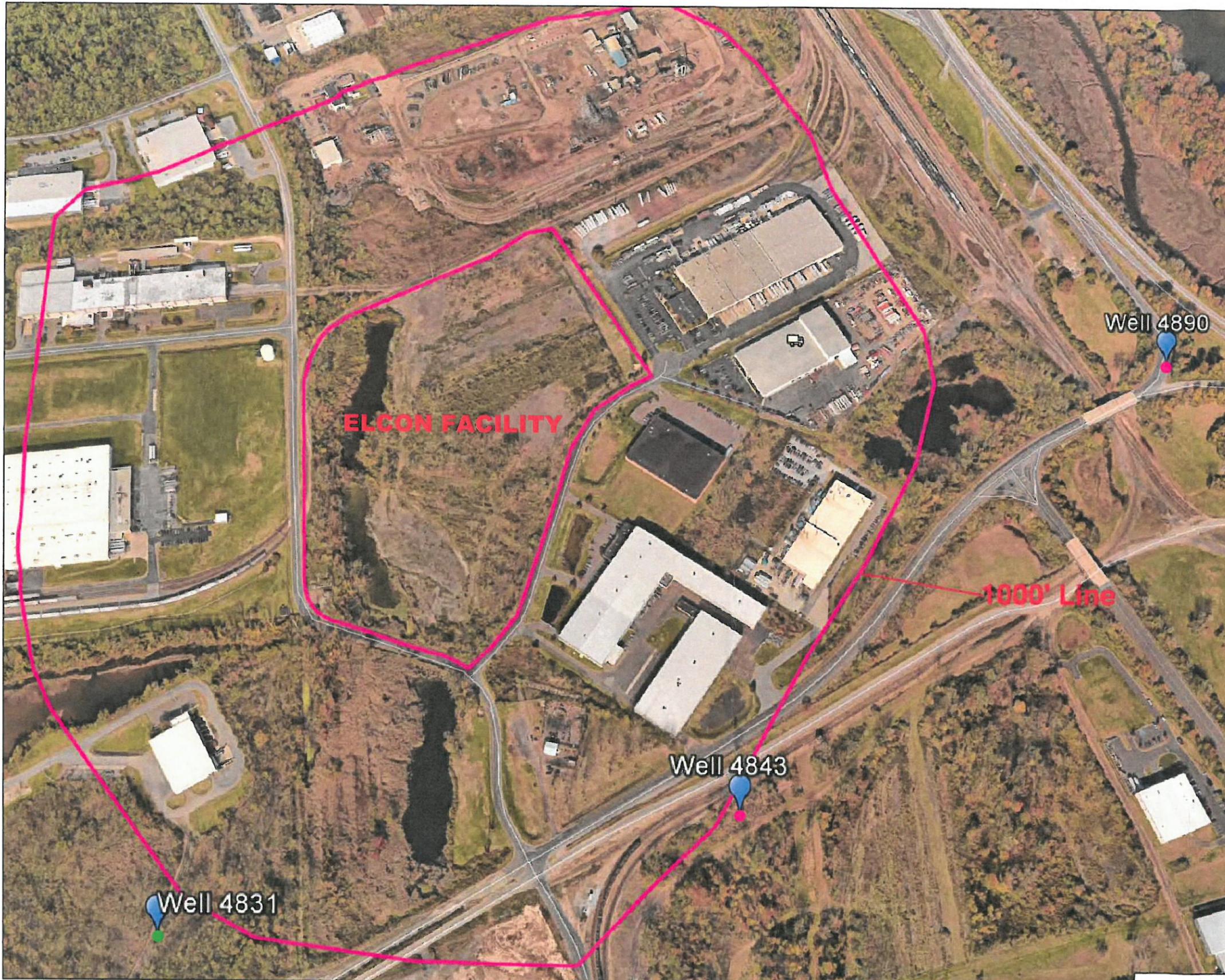
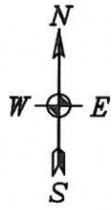


Date: 12-28-16 PROJECT: EV161065.01

Figure B-5

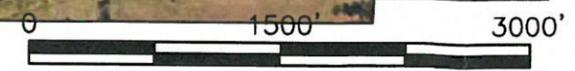
WIND ROSE

ELCON RECYCLING FACILITY
FALLS TOWNSHIP, BUCKS COUNTY, PA



LEGEND:

- WELL ID # 4890 = TEST WELL
- WELL ID # 4843 = TEST WELL
- WELL ID # 4831 = WITHDRAW WELL



ies ENGINEERS ENGINEERING FOR INDUSTRY

1720 WALTON ROAD, PA 19422 BLUE BELL, PA 19422
 PHONE: (610) 828-3078 FAX: (610) 828-7842

ELCON RECYCLING FACILITY
 100 DEAN SIEVERS PLACE
 FALLS TOWNSHIP, BUCKS COUNTY, PA
WELL LOCATION MAP
WITHIN 1,000 FEET

Date:	Drawn:	File:	Draw No:	Revision:
12/28/16	BKA	EV161065.03	FIGURE B-6	A

Regarding the Borrow Pit – The proposed Elcon facility is part of the former US Steel Fairless Works Site, which is now known as the Keystone Industrial Port Complex (KIPC). There are legacy borrow pits located at KIPC that contain slag and other materials that were deposited over the years. A small portion of one of these borrow pits, identified as BP31A, is located on the southern edge of Elcon’s property. This area is considered a Solid Waste Management Unit. None of Elcon’s operations will occur near the borrow pit, which will remain undisturbed during this project. Additional information on the borrow pit on Elcon’s property is provided in Section J of this application.

B-3 FACILITY LOCATION INFORMATION

The facility is located in Falls Township, Bucks County, Pennsylvania. This location is not listed in Appendix VI of Part 264 of the regulations; therefore, no further information is required to demonstrate compliance with the seismic standard in accordance with 40 CFR §264.18(a).

As shown on Figure B-2 in Appendix B-1, no part of the facility is located within a 100-year floodplain based on information from the Federal Emergency Management Agency.

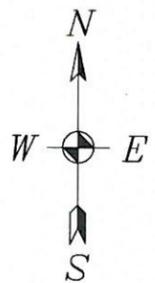
B-4 TRAFFIC PATTERNS

The facility will operate on a 24-hours-per-day, seven-days-per-week schedule. It is anticipated that receiving and shipping will operate during first and second shifts.

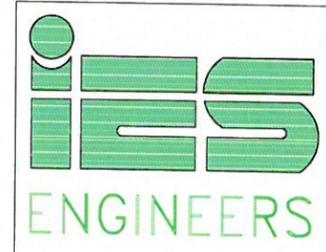
Major highways provide access to the vicinity of the site. Figure B-7 shows the location of the site with respect to the major transportation routes and the designated truck route. All turns from the main highways are shown on Figure B-7. There is no bus service within this area; therefore, there are no stacking lanes shown on Figure B-7. A Transportation Analysis is provided in Attachment 4-1 of Appendix A-5 in Section A of this application providing additional information related to traffic in the area.

Truck traffic to the site will be as follows:

- Exit 46A on I-95 to Route 1
- Route 1 to Tyburn Road
- New Ford Mill Road
- West Steel Road
- South Steel Road
- Dean Sievers Place and enter/exit Site driveway



SOURCE:
GOOGLE MAPS



Date: 12/28/16
File: EV161065.01

FIGURE B-7
ELCON RECYCLING SERVICES, LLC
100 DEAN SIEVERS PLACE
MORRISVILLE, PA 19067

DESIGNATED TRUCK ROUTE

Trucks carrying waste associated with Elcon will not travel on Pennsylvania Avenue in Morrisville Borough. Elcon has contracted with a private hauling company to collect and transport the liquid hazardous or residual waste streams to its facility so it can assert contractual authority over the route that trucks carrying liquid hazardous waste streams use to access the site. This will be implemented as follows:

- Trucks used by haulers will be equipped with GPS tracking systems to verify routes.
- A driver who does not follow the designated route will be issued a warning.
- The second time the driver uses an unauthorized route, a fine will be imposed.
- If the driver uses the unauthorized route a third time, the driver will no longer be allowed to haul waste for Elcon.

Trucks arriving at the site will enter the facility through a security gate, truck scale, and radiation detector. They will be staged in the truck staging area until they are directed to the appropriate loading/unloading dock following waste analysis as presented in Section C of this application. All incoming hazardous or residual liquid waste will be directed to one of four unloading docks at the incoming unloading area, which is within secondary containment, based on the waste-specific treatment plan developed for that waste stream. Figure B-8 shows anticipated traffic patterns at the facility.

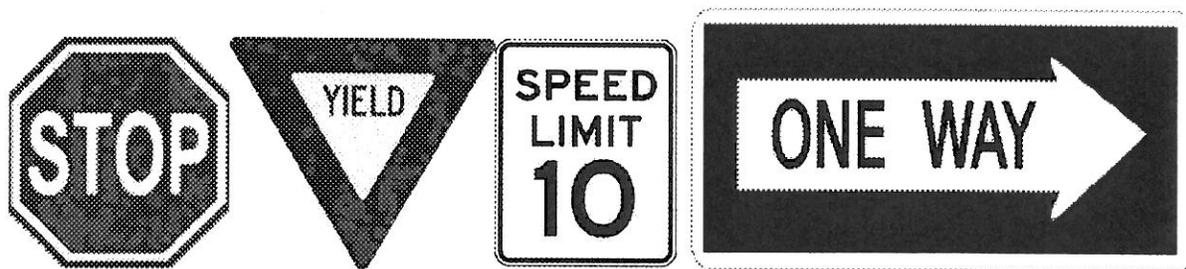
In addition to truck traffic, employees will commute to and from the facility each day. Employment is anticipated to include approximately 55 workers divided between three shifts.

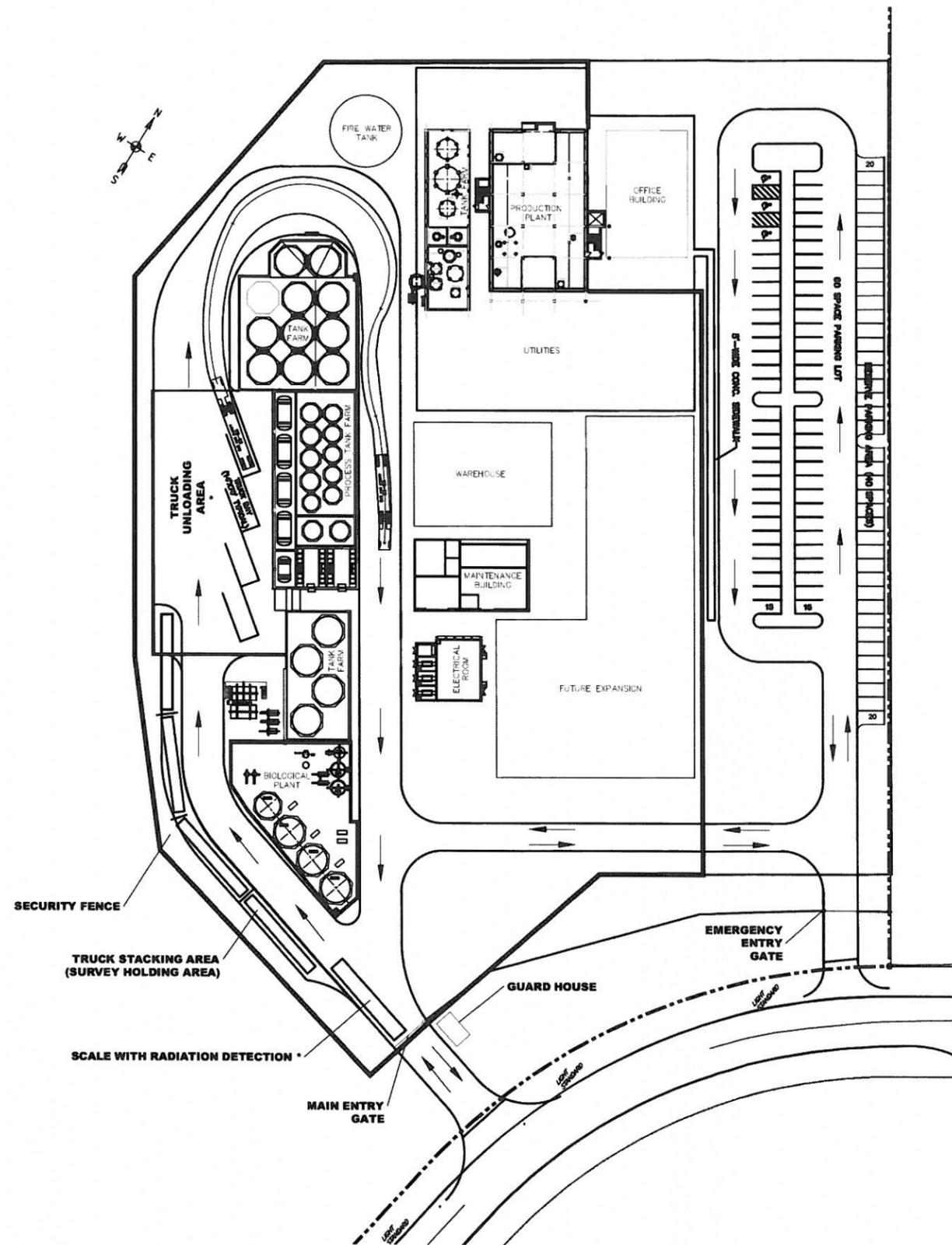
Traffic Estimates:

Types of Vehicles at Facility: Personal vehicles and tractor trailers.

Amount of Vehicles Expected: 10-25 trucks per day and approximately 20 total trucks per day on average. Approximately 55 employee vehicles per day.

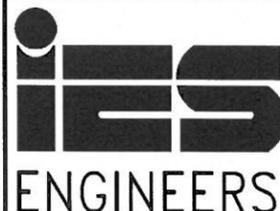
Traffic Signage to Be Used at the Facility:





- LEGEND**
- PROPERTY BOUNDARY LINE
 - ← DIRECTION OF TRAFFIC

**ISSUED FOR
CONSTRUCTION**




ENGINEERS ENGINEERING FOR INDUSTRY

1720 WALTON ROAD, PA 19422 BLUE BELL, PA 19422
 PHONE: (610) 828-3078 FAX: (610) 828-7842

FACILITY TRAFFIC PATTERNS

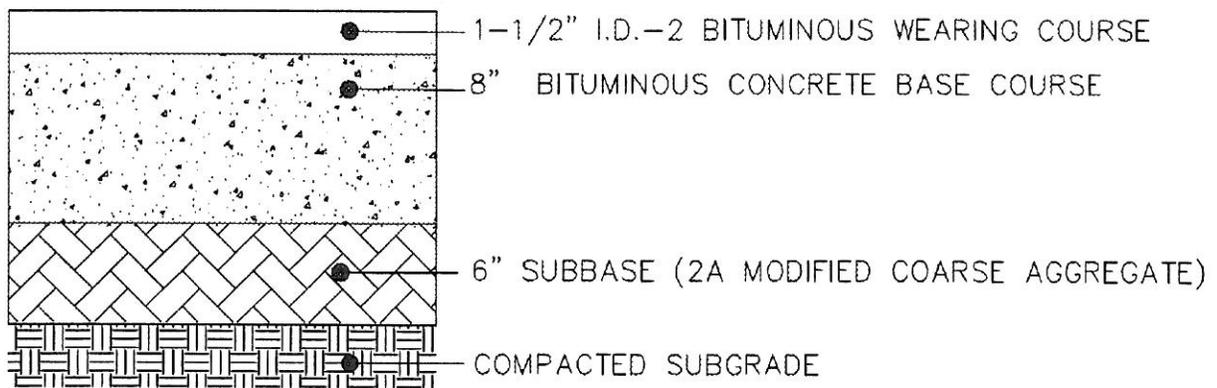
ELCON RECYCLING FACILITY
 FALLS TOWNSHIP
 BUCKS COUNTY, PENNSYLVANIA

Date:	File:	Dwg. No.:	Revision:
12-28-16	EV161065.01	FIGURE B-8	—

Speed limit through weight scale and radiation detector area will be 3 miles per hour. Stop signs will be placed at appropriate intersections within the plant and at cross walks.

Road Surface Composition and Information:

The below detail will be utilized throughout the facility and meets the standard water loading requirements of PennDOT Publication 408, which supports fully loaded tractor trailers (approximately 80,000 pounds).



PAVING DETAIL
NOT TO SCALE

APPENDIX B-1

DRAWINGS

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) Zone 18. **Horizontal datum** was NAVD 83. GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NINGS12
National Geodetic Survey
SSM-C-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

BASE MAP SOURCE: 2010 digital orthophotographs were provided by the Delaware Valley Regional Planning Commission. The county boundary was downloaded from the Pennsylvania Spatial Data Access website and municipal boundaries were obtained from Bucks County Planning Commission. Streamlines were digitized based on the orthophotos. Adjustments were made to specific base map features to align them to 1"=200' scale orthophotos.

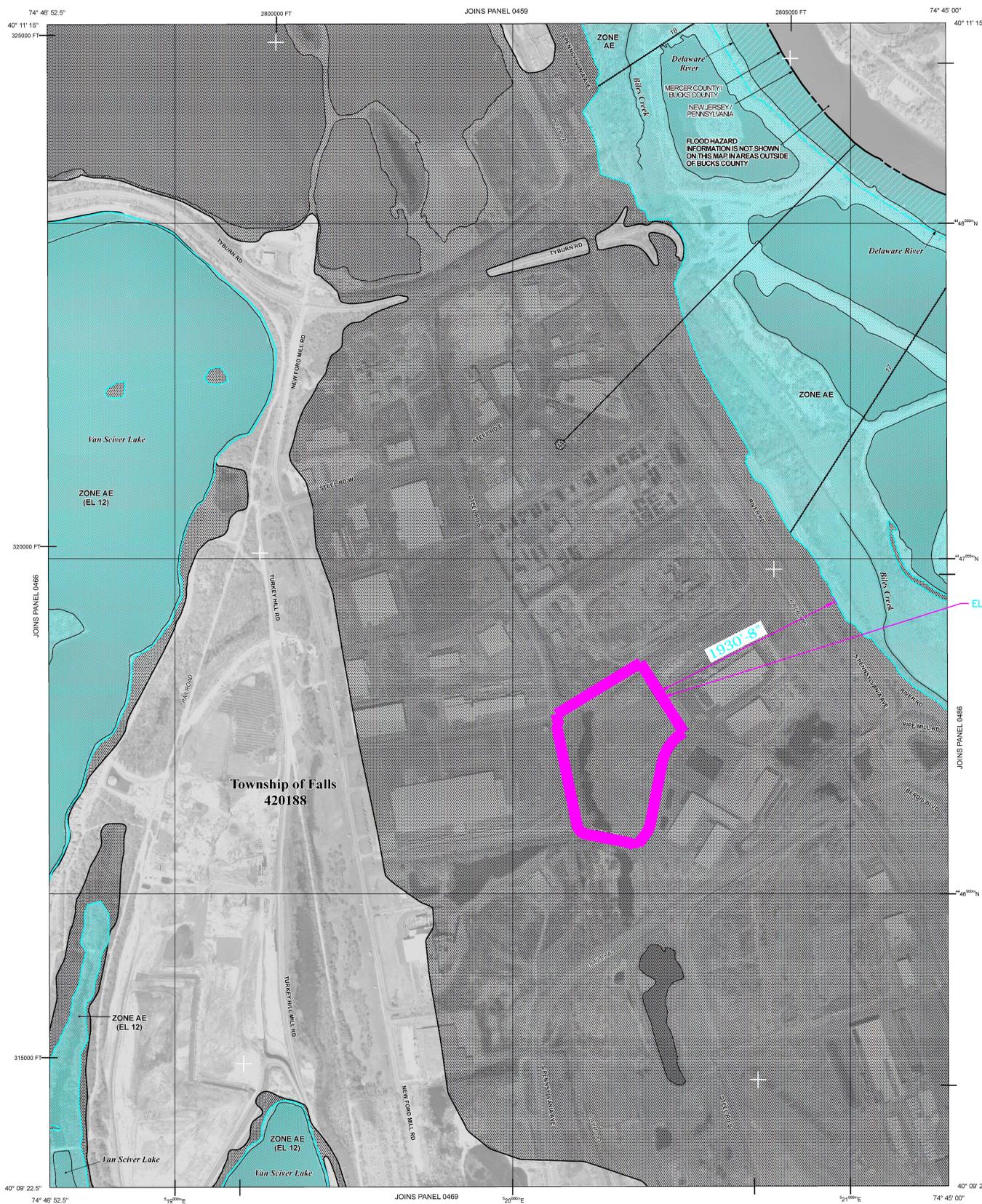
Based on updated topographic information, this map reflects more detailed and up-to-date **stream channel configurations and floodplain delineations** than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables may reflect stream channel distances that differ from what is shown on the map. Also, the road to floodplain relationships for unreviewed streams may differ from what is shown on previous maps.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the **Map Service Center (MSC)** website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/business/info>.



LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equal or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.
- ZONE A** No Base Flood Elevations determined.
 - ZONE AE** Base Flood Elevations determined.
 - ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
 - ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
 - ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently determined. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
 - ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
 - ZONE V** Coastal Flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
 - ZONE VE** Coastal Flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE**
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- OTHER FLOOD AREAS**
- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS**
- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
 - ZONE D** Areas in which flood hazards are undetermined, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
- OTHERWISE PROTECTED AREAS (OPAs)**
- CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% annual chance floodplain boundary
 - 0.2% annual chance floodplain boundary
 - Floodway boundary
 - Zone D boundary
 - CBRS and OPA boundary
 - Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities
 - Base Flood Elevation line and value; elevation in feet*
 - Base Flood Elevation value where uniform within zone; elevation in feet
 - * Referenced to the North American Vertical Datum of 1988
 - Cross section line
 - Transect line
 - Bridge
 - Footbridge
 - Culvert
 - Floodway
 - Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
 - 1000-meter Universal Transverse Mercator grid ticks, zone 18
 - 5000-foot grid values; Pennsylvania State Plane coordinate system (FIPSZONE 3702), Lambert Conformal Conic projection
 - 600000 FT
 - DX5510x
 - Bench mark (see explanation in Notes to Users section of this FIRM panel)
 - M1.5
 - River Mile
- MAP REPOSITORY**
Refer to listing of Map Repositories on Map Index
EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
MAY 18, 1999
EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
MARCH 16, 2015
- For reasons of revision see Notice to Users page in the FIS report.
For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.
- MAP SCALE 1" = 600'**
250 0 500 1000 FEET
150 0 150 300 METERS

PROPERTY BOUNDARY LINE

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0467J

FIRM
FLOOD INSURANCE RATE MAP

BUCKS COUNTY, PENNSYLVANIA (ALL JURISDICTIONS)

PANEL 467 OF 532
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
FALLS, TWP OF 420188 0467 J

Notice to User: The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER 42017C0467J
MAP REVISED MARCH 16, 2015

Federal Emergency Management Agency

NOTE: THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK. WHERE DISCREPANCIES OCCUR BETWEEN THESE DOCUMENTS AND EXISTING CONDITIONS, THE DISCREPANCY SHALL BE REPORTED TO THE OWNER AND/OR ENGINEER FOR EXPEDITED AND RESOLUTION.

CLIENT
ELCON RECYCLING FACILITY
100 DEAN SIEVERS PLACE
FALLS TOWNSHIP, BUCKS COUNTY, PA

PROJECT TITLE
-

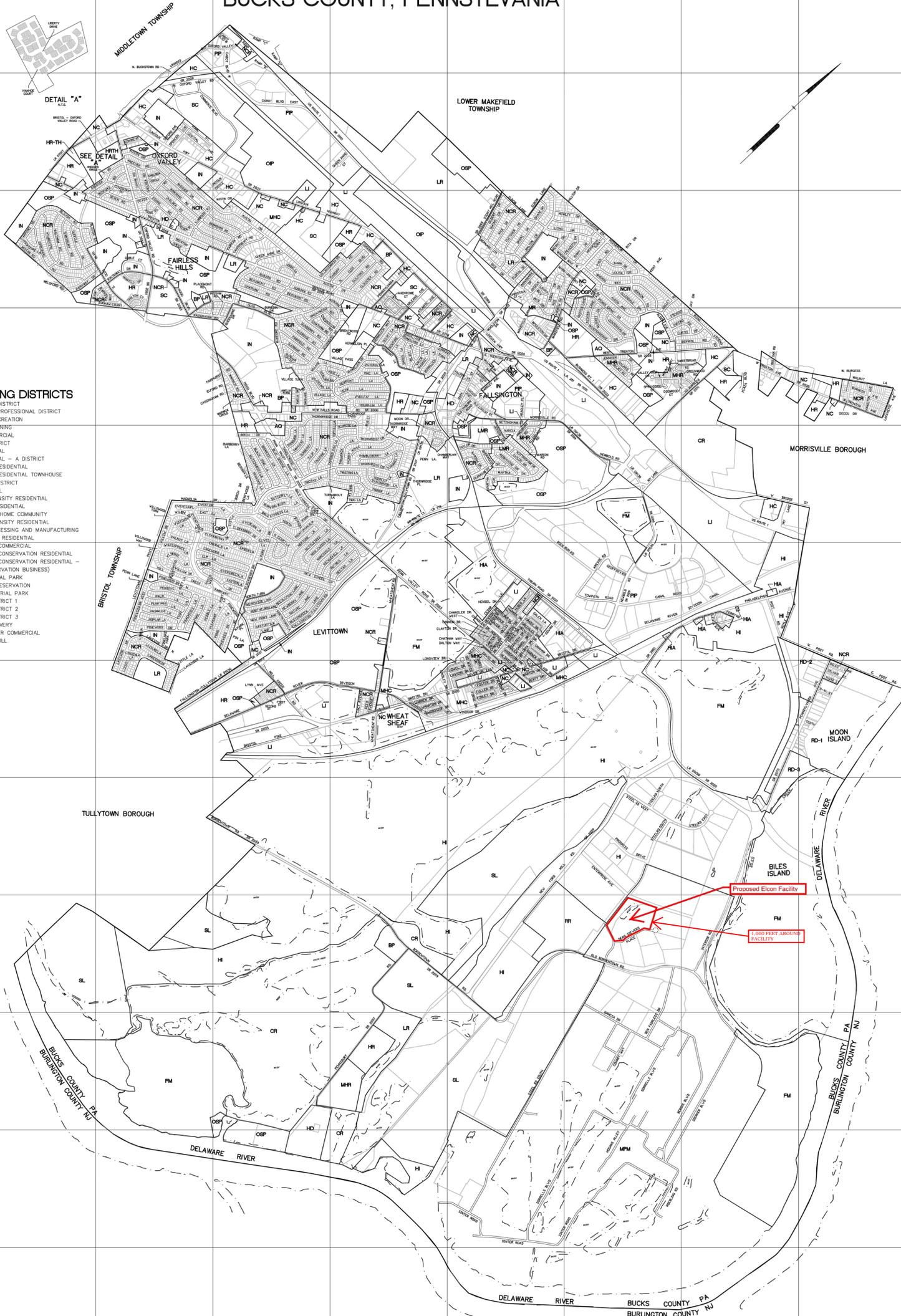
DRAWING TITLE
-

LAST UPDATE 02-05-15	ENGINEER PC	IES CONTRACT No. EV141065.05
DATE 02-05-15	DESIGNER DM	GRID FILE No. FLOOD MAP
SCALE 1"=500'	DRAWN DM	XREF FILE(S) -

DRAWING NUMBER
FIGURE B-2

REVISION LEVEL
-

ZONING MAP OF FALLS TOWNSHIP BUCKS COUNTY, PENNSYLVANIA



ZONING DISTRICTS

- AO AGE QUARTERS DISTRICT
- BP BUSINESS AND PROFESSIONAL DISTRICT
- CR COMMERCIAL RECREATION
- FM FARMING AND MINING
- HC HIGHWAY COMMERCIAL
- HD HISTORICAL DISTRICT
- HI HEAVY INDUSTRIAL
- HIA HEAVY INDUSTRIAL - A DISTRICT
- HR HIGH-DENSITY RESIDENTIAL
- HR-TH HIGH-DENSITY RESIDENTIAL TOWNSHIP
- LI LIGHT INDUSTRIAL
- LMR LOW MEDIUM DENSITY RESIDENTIAL
- LR LOW DENSITY RESIDENTIAL
- MHC MANUFACTURED HOME COMMUNITY
- MHR MEDIUM HIGH DENSITY RESIDENTIAL
- MPM MATERIALS PROCESSING AND MANUFACTURING
- MR MEDIUM DENSITY RESIDENTIAL
- NC NEIGHBORHOOD COMMERCIAL
- NCR NEIGHBORHOOD CONSERVATION RESIDENTIAL
- NCR (VPB) NEIGHBORHOOD CONSERVATION RESIDENTIAL - (VILLAGE PRESERVATION BUSINESS)
- OP OFFICE/INDUSTRIAL PARK
- OSP OPEN SPACE PRESERVATION
- PP PLANNED INDUSTRIAL PARK
- RD-1 RIVERFRONT DISTRICT 1
- RD-2 RIVERFRONT DISTRICT 2
- RD-3 RIVERFRONT DISTRICT 3
- RR RESOURCE RECOVERY
- SC SHOPPING CENTER COMMERCIAL
- SL SANITARY LANDFILL

FIGURE B-4

THIS MAP IS MADE AVAILABLE FOR INFORMATION PURPOSES ONLY AND SHOULD NOT BE CONSIDERED A LEGAL DOCUMENT. INTERESTED PERSONS SHOULD CONSULT THE ZONING ORDINANCES, THE APPROPRIATE ORDINANCES, AND THE OFFICIAL ZONING MAP IN THE TOWNSHIP MUNICIPAL BUILDING TO DETERMINE THE CORRECT DIMENSIONS AND CLASSIFICATION OF A PARTICULAR AREA.

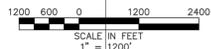
THE ROADS, STREETS AND LOTS SHOWN ON THIS MAP HAVE BEEN TAKEN FROM THE FALLS TOWNSHIP COMPOSITE TAX MAPS AVAILABLE FROM THE BUCKS COUNTY PLANNING COMMISSION OR BY RECORDED SUBDIVISION PLANS OF RECORD, AND WHICH MAY OR MAY NOT BE AN ACTUAL PHYSICAL EXISTENCE OR DEDICATED AS PART OF THE FALLS TOWNSHIP ROAD SYSTEM.

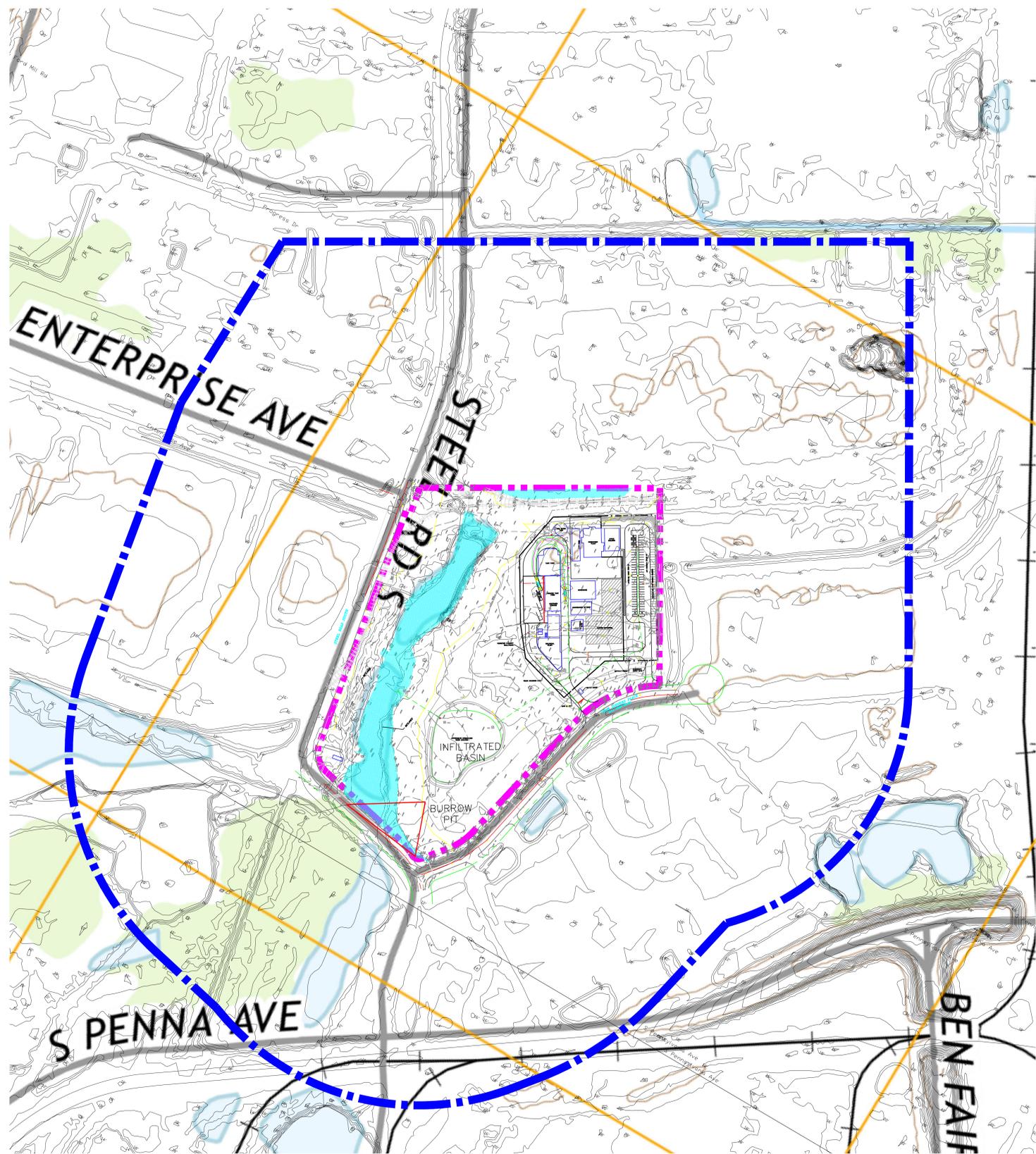
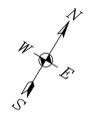
THE OFFICIAL MAP SHOWING DEDICATED TOWNSHIP ROADS MAY BE VIEWED AT THE FALLS TOWNSHIP MUNICIPAL BUILDING.



188 LINCOLN HIGHWAY
SUITE 206
FAIRLESS HILLS
PENNSYLVANIA, 19030
TEL 732-671-6400
FAX 732-671-7365

JANUARY 2014



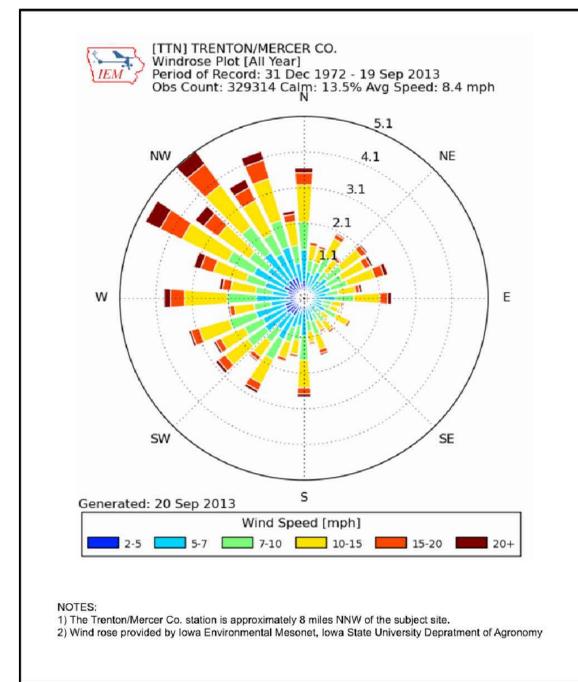


NOTES:

1. TOPOGRAPHIC CONTOUR INFORMATION DERIVED FROM PENNSYLVANIA SPATIAL DATA ACCESS (PASDA) LIDAR IMAGERY DATA SUPPLIED BY GILMORE AND ASSOCIATES.
2. BACKGROUND TOPOGRAPHIC FEATURES OBTAINED FROM USGS MAP SOURCES AND IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY.
3. REFERENCES TO SURFACE FEATURES ARE BASED ON VISUAL ESTIMATES AND THE DATA AVAILABLE IN THE PUBLIC DOMAIN REFERENCED HEREIN.
4. SURROUNDING LAND USE IS ZONED AS HEAVY INDUSTRIAL OR RESOURCE RECOVERY.
5. THERE ARE NO WITHDRAWAL OR INJECTION WELLS WITHIN 1,000 FEET AROUND FACILITY.
6. HAZARDOUS WASTE MANAGEMENT FACILITIES INCLUDE ALL AREAS WITHIN THE DEVELOPED SITE EXCEPT FOR UTILITIES, OFFICE BUILDINGS, AND EMPLOYEE PARKING.

100 YEAR FLOOD PLAIN
AREA 1,800 FEET

- KEY:**
- LEGAL BOUNDARY
 - 1,000 FEET AROUND FACILITY
 - FENCE
 - DRAINAGE
 - RETAINING WALL/FENCE



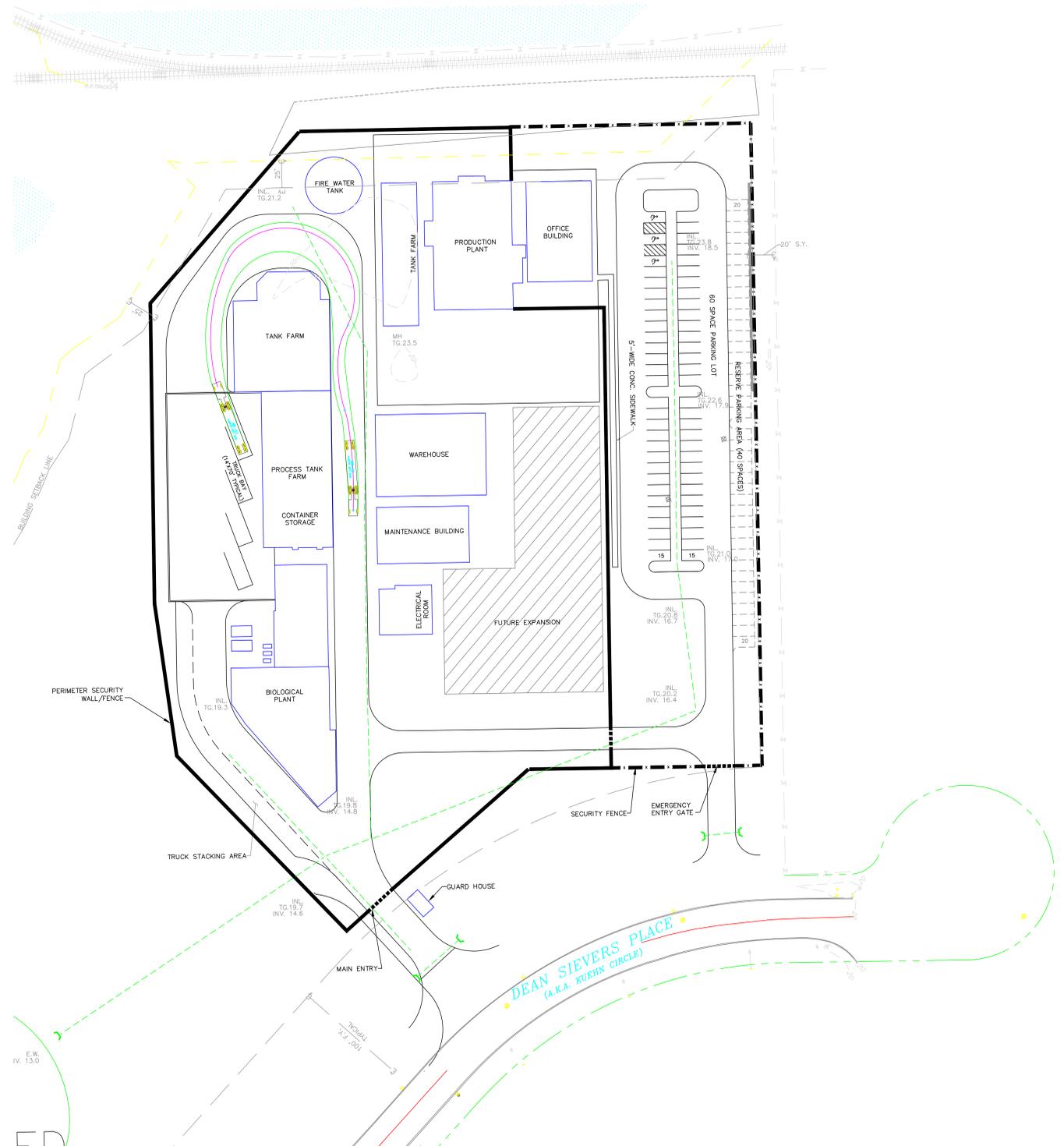
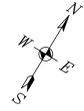
CLIENT
ELCON RECYCLING FACILITY
100 DEAN SIEVERS PLACE
FALLS TOWNSHIP, BUCKS COUNTY, PA

PROJECT TITLE

DRAWING TITLE
FEATURES WITHIN 1,000 FEET AROUND PROPOSED ELCON SITE

LAST UPDATE 01-13-17	ENGINEER JRR	IES CONTRACT No. EV161065.01
DATE 01-13-17	DESIGNER JRG	CADD FILE No. C-101
SCALE 1"=200'	DRAWN JRG	XREF FILE(S) -

DRAWING NUMBER C-101	REVISION LEVEL A
--------------------------------	---------------------



KEY:
 — x — FENCE
 — — — DRAINAGE

CLIENT
ELCON RECYCLING FACILITY
 100 DEAN SIEVERS PLACE
 FALLS TOWNSHIP, BUCKS COUNTY, PA

PROJECT TITLE

DRAWING TITLE
**OPERATION AREA
 ELCON SITE**

LAST UPDATE 01-13-17	ENGINEER JRR	IES CONTRACT No. EV161065.01
DATE 01-13-17	DESIGNER JRG	CADD FILE No. C-102
SCALE 1"=50'	DRAWN JRG	XREF FILE(S) -

DRAWING NUMBER C-102	REVISION LEVEL A
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APPENDIX B-2
AVAILABLE INFORMATION ON AREA WELLS

DEPARTMENT OF CONSERVATION & NATURAL RESOURCES
 BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 WATER WELL LICENSING/WATER WELL INVENTORY SECTION
 3240 Schoolhouse Rd
 Middletown, PA 17057
 717-702-2017

WATER WELL DETAILS

Well Driller: RANNEY WATER INC. Driller License: -248 Type of Activity: Date Drilled: 3/16/1955	PA Well ID: 4809 Driller Well ID: Local Permit #: Original Well By: UNKNOWN Drilling Method: CABLE TOOL
Owner: U S STEEL Address of Well: _____ Zipcode: _____ County: BUCKS Municipality: FALLS TWP. Coordinate Method: Quadrangle: TRENTON EAST Latitude: 40.15778 Longitude: -74.745	
Well Depth (ft): 157 Depth to Bedrock (ft): Well Yield (gpm): Static Water Level: (ft below land surface) Length of Yield Test: (minutes) Use of Well: TEST	Well Finish: OPEN HOLE Did Not Encounter Bedrock: Yield Measure Method: Water level after yield test: (ft below land surface) Saltwater Zone (ft): Use of Water: UNUSED

DRILLER'S LOG

<u>UNIT TOP</u>	<u>UNIT BOTTOM</u>	<u>DESCRIPTION OF UNITS PENETRATED</u>
-----------------	--------------------	--

BOREHOLE

Section 1: Top: 0 Bottom: 157 Diameter: 6

CASING

Casing 1:

Top: 0 Bottom: Diameter: 6 Material: UNKNOWN

Seal(Grout) 1:

Top: Bottom: Type:

SCREEN/SLOT

WELL LINER

PACKER

WATER BEARING ZONE

DEPARTMENT OF CONSERVATION & NATURAL RESOURCES
 BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 WATER WELL LICENSING/WATER WELL INVENTORY SECTION
 3240 Schoolhouse Rd
 Middletown, PA 17057
 717-702-2017

WATER WELL DETAILS	
Well Driller: UNKNOWN	PA Well ID: 4960
Driller License: 1	Driller Well ID:
Type of Activity:	Local Permit #:
Date Drilled: 3/1/1955	Original Well By: UNKNOWN
	Drilling Method: CABLE TOOL
Owner: U S STEEL CORP	
Address of Well:	Zipcode:
County: BUCKS	
Municipality: FALLS TWP.	
Coordinate Method:	
Quadrangle: TRENTON WEST	Latitude: 40.18194 Longitude: -74.76083
Well Depth (ft): 61	Well Finish: OPEN HOLE
Depth to Bedrock (ft):	Did Not Encounter Bedrock:
Well Yield (gpm): 74	Yield Measure Method:
Static Water Level: (ft below land surface)	Water level after yield test: (ft below land surface)
Length of Yield Test: (minutes)	Saltwater Zone (ft):
Use of Well: WITHDRAWAL	Use of Water: DOMESTIC

DRILLER'S LOG		
<u>UNIT TOP</u>	<u>UNIT BOTTOM</u>	<u>DESCRIPTION OF UNITS PENETRATED</u>

BOREHOLE
Section 1: Top: 0 Bottom: 61 Diameter: 6

CASING

Casing 1:

Top: 0 Bottom: 51 Diameter: 6 Material: UNKNOWN

Seal(Grout) 1:

Top: Bottom: Type:

SCREEN/SLOT

WELL LINER

PACKER

WATER BEARING ZONE

DEPARTMENT OF CONSERVATION & NATURAL RESOURCES
 BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 WATER WELL LICENSING/WATER WELL INVENTORY SECTION
 3240 Schoolhouse Rd
 Middletown, PA 17057
 717-702-2017

WATER WELL DETAILS	
Well Driller:	PA Well ID: 4890
Driller License: .248	Driller Well ID:
Type of Activity:	Local Permit #:
Date Drilled: 1/1/1951	Original Well By: UNKNOWN
	Drilling Method: CABLE TOOL
Owner: U S STEEL FAIRLESS WORKS	
Address of Well:	Zipcode:
County: BUCKS	
Municipality: FALLS TWP.	
Coordinate Method:	
Quadrangle: TRENTON WEST	Latitude: 40.16889 Longitude: -74.75194
Well Depth (ft): 33	Well Finish: OPEN END
Depth to Bedrock (ft):	Did Not Encounter Bedrock:
Well Yield (gpm):	Yield Measure Method:
Static Water Level: 18 (ft below land surface)	Water level after yield test: (ft below land surface)
Length of Yield Test: (minutes)	Saltwater Zone (ft):
Use of Well: TEST	Use of Water: UNUSED

DRILLER'S LOG		
<u>UNIT TOP</u>	<u>UNIT BOTTOM</u>	<u>DESCRIPTION OF UNITS PENETRATED</u>

BOREHOLE
Section 1: Top: 0 Bottom: 44 Diameter: 12

CASING
Casing 1: Top: 0 Bottom: Diameter: 12 Material: UNKNOWN
Seal(Grout) 1: Top: Bottom: Type:

SCREEN/SLOT

WELL LINER

PACKER

WATER BEARING ZONE

DEPARTMENT OF CONSERVATION & NATURAL RESOURCES
 BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 WATER WELL LICENSING/WATER WELL INVENTORY SECTION
 3240 Schoolhouse Rd
 Middletown, PA 17057
 717-702-2017

WATER WELL DETAILS

Well Driller: UNKNOWN	PA Well ID: 4843
Driller License: 1	Driller Well ID:
Type of Activity:	Local Permit #:
Date Drilled: 1/1/1950	Original Well By: UNKNOWN
	Drilling Method: CABLE TOOL
Owner: U S STEEL FAIRLESS WORKS	
Address of Well:	Zipcode:
County: BUCKS	
Municipality: FALLS TWP.	
Coordinate Method:	
Quadrangle: TRENTON WEST	Latitude: 40.16417 Longitude: -74.7575
Well Depth (ft): 62	Well Finish: OPEN END
Depth to Bedrock (ft):	Did Not Encounter Bedrock:
Well Yield (gpm):	Yield Measure Method:
Static Water Level: 14.6 (ft below land surface)	Water level after yield test: (ft below land surface)
Length of Yield Test: (minutes)	Saltwater Zone (ft):
Use of Well: TEST	Use of Water: UNUSED

DRILLER'S LOG

<u>UNIT TOP</u>	<u>UNIT BOTTOM</u>	<u>DESCRIPTION OF UNITS PENETRATED</u>
-----------------	--------------------	--

BOREHOLE

Section 1: Top: **0** Bottom: **199** Diameter: **4**

CASING
Casing 1: Top: 0 Bottom: 62 Diameter: 4 Material: UNKNOWN
Seal(Grout) 1: Top: Bottom: Type:

SCREEN/SLOT

WELL LINER

PACKER

WATER BEARING ZONE

DEPARTMENT OF CONSERVATION & NATURAL RESOURCES
 BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 WATER WELL LICENSING/WATER WELL INVENTORY SECTION
 3240 Schoolhouse Rd
 Middletown, PA 17057
 717-702-2017

WATER WELL DETAILS

Well Driller: UNKNOWN	PA Well ID: 4839
Driller License: 1	Driller Well ID:
Type of Activity:	Local Permit #:
Date Drilled: 5/1/1949	Original Well By: UNKNOWN
	Drilling Method: CABLE TOOL
Owner: U S STEEL	
Address of Well:	Zipcode:
County: BUCKS	
Municipality: FALLS TWP.	
Coordinate Method:	
Quadrangle: TRENTON EAST	Latitude: 40.16361 Longitude: -74.74556
Well Depth (ft): 181	Well Finish: UNKNOWN
Depth to Bedrock (ft):	Did Not Encounter Bedrock:
Well Yield (gpm):	Yield Measure Method:
Static Water Level: (ft below land surface)	Water level after yield test: (ft below land surface)
Length of Yield Test: (minutes)	Saltwater Zone (ft):
Use of Well: DESTROYED	Use of Water: UNUSED

DRILLER'S LOG

<u>UNIT TOP</u>	<u>UNIT BOTTOM</u>	<u>DESCRIPTION OF UNITS PENETRATED</u>
-----------------	--------------------	--

BOREHOLE

Section 1: Top: 0 Bottom: 181 Diameter: 8
--

CASING
Casing 1: Top: 0 Bottom: Diameter: 8 Material: UNKNOWN Seal(Grout) 1: Top: Bottom: Type:

SCREEN/SLOT

WELL LINER

PACKER

WATER BEARING ZONE

DEPARTMENT OF CONSERVATION & NATURAL RESOURCES
 BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 WATER WELL LICENSING/WATER WELL INVENTORY SECTION
 3240 Schoolhouse Rd
 Middletown, PA 17057
 717-702-2017

WATER WELL DETAILS	
Well Driller: BAINBRIDGE BROS.	PA Well ID: 4831
Driller License: -451	Driller Well ID:
Type of Activity:	Local Permit #:
Date Drilled: 4/1/1947	Original Well By: UNKNOWN
Drilling Method: CABLE TOOL	
Owner: U S STEEL	
Address of Well:	Zipcode:
County: BUCKS	
Municipality: FALLS TWP.	
Coordinate Method:	
Quadrangle: TRENTON WEST	Latitude: 40.16278 Longitude: -74.76417
Well Depth (ft): 25	Well Finish: SCREEN
Depth to Bedrock (ft):	Did Not Encounter Bedrock:
Well Yield (gpm):	Yield Measure Method:
Static Water Level: 10 (ft below land surface)	Water level after yield test: (ft below land surface)
Length of Yield Test: (minutes)	Saltwater Zone (ft):
Use of Well: WITHDRAWAL	Use of Water: INDUSTRIAL

DRILLER'S LOG		
<u>UNIT TOP</u>	<u>UNIT BOTTOM</u>	<u>DESCRIPTION OF UNITS PENETRATED</u>

BOREHOLE
Section 1: Top: 0 Bottom: 25 Diameter: 8

CASING

Casing 1:

Top: 20 Bottom: 15 Diameter: 8 Material: UNKNOWN

Seal(Grout) 1:

Top: Bottom: Type:

SCREEN/SLOT

WELL LINER

PACKER

WATER BEARING ZONE