



PENNEAST PIPELINE COMPANY, LLC

**AIDS TO NAVIGATION PLAN
SUSQUEHANNA RIVER (102315_WA_1001_P_M)**

PENNEAST PIPELINE PROJECT
WYOMING AND JENKINS TOWNSHIPS,
LUZERNE COUNTY, PENNSYLVANIA

SUBMITTED TO:
PENNSYLVANIA FISH AND BOAT COMMISSION
P.O. BOX 67000 HARRISBURG PA 17106

OCTOBER 2018

PA Fish and Boat Commission PFBC-277 (01/2015)		APPLICATION FOR PERMIT TO INSTALL FLOATING STRUCTURES AND PRIVATE AIDS TO NAVIGATION		Date Submitted
INSTRUCTIONS Read regulations on reverse side before completing this form. Complete all blocks. Indicate N/A when items do not apply. Enclosed check or money order for \$10.00 with this application, payable to the Pennsylvania Fish and Boat Commission				
REASON FOR APPLICATION		<input checked="" type="checkbox"/> New Application (See Block #14)	<input type="checkbox"/> Renewal _____ (Permit #)	<input type="checkbox"/> Change _____ (Permit #)
1. Name and Address of Applicant Amber Holly PennEast Pipeline Company, LLC 1 Meridian Boulevard, Suite 2C01 Wyomissing, PA 19610 Telephone No. (610) 373 - 7999 Signature: <i>Amber L Holly</i>		6. Body of Water: Susquehanna River		
2. Name and Address of Applicant's Organization: (If none, leave blank) Telephone: () - -		7. Specific Area Structure or Aid Installed: Aid to be installed - Buoys/traffic signs within river		
3. Type of Structure or Aid Requested: (Buoy - Number & Type, Slalom Course, Float, etc.) Four (4) buoys; red, white reflector, 3 feet tall		8. Reason for Structure or Aid: Construction of natural gas pipeline via open-cut installation		
4. Installation Date: To be determined		9. What Provisions are made for safety of persons using structure? N/A; buoys		10. No Persons Using Structure N/A; buoys
5. Removal Date: To be determined		11. Are You aware of any objections from area land owners, local government officials, or other persons to the placing of this floating structure/aid? If yes, please list. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
6. County Structure or Aid Installed: Luzerne County, PA		12. Have there been any changes to your original permit? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
		13. If "yes" to item #12, indicate item number changed and comply with Item #14. Item(s) changed:		
		14. With original application, amended renewal or change, ATTACH an accurate section of chart, map, or draw a detailed sketch of the waterway upon which proposed structure or aid is to be placed. Indicate position of structure or aid, distance from shore, other floating objects in vicinity, existing docks, roads, address, and adjacent property owner, as well as any other pertinent information.		
DO NOT WRITE BELOW THIS LINE - PA FISH AND BOAT COMMISSION USE ONLY				
Waterways Conservation Officer:		WCO No.	Comments or Additional Conditions:	
Date:		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved		
Agency, Municipality, Organization, Association:		Comments or Additional Conditions:		
Date:		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved		
Regional Manager:		Comments or Additional Conditions:		
Date:		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved		
Type of Structure/Aid Approved:				
Effective this date, you are authorized a permit for the above structure or aid indicated in accordance with the application, any attachments hereto, and the regulations on the reverse side. Permit is valid until _____ unless terminated by the Pennsylvania Fish and Boat Commission.				
Permit Number Issued: (See § 113.10(e) reverse)		Date:	Signature	

(MAIL TO: PFBC BLE P.O. Box 67000 Harrisburg PA 17106)

REGULATIONS APPLICABLE TO PRIVATE AIDS TO NAVIGATION
AND FLOATING STRUCTURES
(Chapter 113 Pennsylvania Fishing and Boating Regulations)

Section 113.1. General.

- (a) The Coast Guard administers the U.S. Aids to Navigation System (33 CFR Part 62.) The System consists of federal aids to navigation operated by the Coast Guard, aids to navigation operated by other armed services, and private aids to navigation operated by other persons. This system is adopted by the Commission for use in Pennsylvania and is administered on waters not marked by the Coast Guard.
- (b) An aid to navigation is a device external to a vessel intended to assist a boater in determining position or safe course or warn of dangers or obstruction to navigation.

Section 113.2. Prohibited Acts.

- (a) Aids, other than those placed by the United States government, may not be placed on or along waters of this Commonwealth unless authorized by the Commission under Section 113.4. Permits.
- (b) A person may not moor or fasten watercraft to an authorized and lawfully placed state or federal buoys, beacon or bridge. This section does not prohibit mooring of boats to authorized mooring buoys.
- (c) It is unlawful for an unauthorized person to move, remove, tamper or injure a State or Federal aid or marker.
- (d) No person shall place an aid to navigation that is incompatible with the United States Aids to Navigation System.

Section 113.4 Permits.

- (a) Persons, including clubs, individual, state agencies, municipalities and other groups, wishing to establish an aid shall apply for permission from the Commission on Form PFBC-277 at least 30 days prior to the intended date of installation. Application forms are available from and should be submitted to the Pennsylvania Fish and Boat Commission, Bureau of Law Enforcement, PO Box 67000, Harrisburg, PA 17106-7000.
- (a) The authorization of the placement of a private aid to navigation does not grant exclusive privileges nor does it eliminate the necessity to comply with other Federal or State permitting requirements.

Section 113.5. Responsibilities of Permittees.

- (a) A permittee is solely responsible for placement and maintenance of private aids to navigation placed in waters of this Commonwealth under this Chapter. Private aids to navigation are the property of the permittee only and are not the property of the Commission or the Commonwealth. The permittee alone is responsible for claims related to the placement or maintenance of private aids to navigation. The permit will contain appropriate terms and conditions setting forth the responsibility of the permittee.

Section 113.6. Maintaining Aids to Navigation.

- (a) Permittee shall maintain private aids to navigation throughout the period specified in the permit in accordance with permit requirements. If, during the period specified in the permit, the private aid is not in place, the permittee shall notify the Commission in writing within 5 days, stating the status of the aid.

Section 113.7. Transfer of Permit.

- (a) Aids to navigation permits are not transferable. The party, or the successor in interest to the party, relinquishing responsibility for maintenance of the private aid to navigation shall advise the Commission in writing. The party accepting responsibility shall submit a new application.

Section 113.8 Accidents Involving Aids or Markers.

- (a) Accidents involving aid or marker shall be reported to the Commission as soon as possible, but not more than 5 days after the accident.

Section 113.9 Marking of Wrecks & Sunken Vessels

- (a) When a sunken or submerged object creates a hazard to navigation, the owner of the boat, barge, raft or other craft, or of a motor vehicle or other obstruction which is sunk in waters of this Commonwealth is required to notify the Commission within 24 hours and to mark the hazard with a buoy or daymark during the day and with a light at night as the Commission directs.
- (b) Buoys established by the Commission to mark wrecks may be lighted and placed on the channel side of the wreck and as near to the wreck as conditions will permit.
- (c) Required markings shall be established and maintained until the wreck is removed or otherwise directed by the Commission.

Section 113.10. Permits for Installation and Lighting of Floats, Ski Ramps and Other Floating Structures.

- (a) A person may not place a float, ski ramp or other floating structure on or along the waters of this Commonwealth unless authorized by the Commission, or an authorized representative of the Federal Government.
- (b) Application shall be made on forms provided by the Commission at least 30 days prior to the intended date of installation of the structure.
- (c) A ski ramp, floating dock, swim dock or other floating structure shall be lighted between sunset and sunrise and at other times when restricted visibility warrants it. Each structure shall show at least one all around white flashing or oscillating light visible for a distance of at least 1 mile. "Visible" means visible on a dark night with clear atmosphere.
- (d) The permittee shall maintain the floating structure in accordance with permit requirements. The permittee shall notify the Commission in writing within 5 days if the floating structure is not in place or lighted during the period when the permit specifies that it shall be in place or lighted.
- (e) **A STRUCTURE PERMITTED UNDER THIS SECTION SHALL DISPLAY THE PERMIT NUMBER IN CHARACTERS AT LEAST 3 INCHES IN HEIGHT IN A POSITION WHERE IT MAY BE OBSERVED EASILY BY AN OFFICER EMPOWERED TO ENFORCE THIS SECTION.**

Section 113.11. Unpermitted Buoys and Floating Structures.

- (a) It is unlawful to place or maintain buoys and floating structures on the waters of this Commonwealth without proper permits. The owner of a buoy or structure is responsible for obtaining the necessary permits prior to placing or maintaining the buoys or structure on Commonwealth waters.
- (b) Unpermitted buoys and structures shall be removed by the owner upon order of the Commission. If they are not removed, the Commission will remove or order their removal. The owner will be held responsible for the costs of the removal, in addition to payment of fines resulting from violation of this section.

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PROJECT NARRATIVE

1. Introduction

Per Chapter 113.1 of the Pennsylvania Administrative Code (Title 58 Recreation), the Pennsylvania Fish and Boat Commission (PFBC) regulates the placement of aids to navigation (ATON) within waters not marked by the United States Coast Guard (USCG). The PFBC requires, “persons, including clubs, individuals, State agencies, municipalities and other groups, wishing to establish an aid shall apply for permission from the Commission.” To that end, PennEast Pipeline Company, LLC (PennEast) is submitting this application for the placement of aids to navigation within the Susquehanna River (102315_WA_1001_P_MA) associated with the construction of the PennEast Pipeline Project (Project).

The following provides a narrative of the ATON Plan to be utilized by PennEast for the installation of the PennEast Pipeline Project at the Susquehanna River in Luzerne County, Pennsylvania. PennEast proposes an open cut, dry crossing of the Susquehanna River. Project and obstruction/construction information is provided below supporting the design and installation of an open cut, dry crossing in regards to sequence of construction and how that relates to boat use on this waterway. A United States Geologic Survey 7.5-Minute topographic map depicting the location of the Project’s crossing is provided in Attachment B.

2. Project Description

The Project will entail the construction of approximately 115 miles of 36-inch diameter pipeline from Luzerne County, Pennsylvania to Mercer County, New Jersey and include three laterals that will serve as interconnects with Columbia Gas (TCO), UGI Utilities, Inc., NRG REMA, LLC, Elizabethtown Gas, Algonquin and Texas Eastern. The associated aboveground infrastructures for the Project will consist of interconnect meter stations, mainline block valves, and a single compressor station and their appurtenant facilities and equipment (e.g., pig launchers/receivers, milepost markers, cathodic protection test posts, etc.). The Federal Energy Regulatory Commission (FERC) is the designated lead agency for the Project.

The Project will cross watercourse 102315_WA_1001_P_MA at milepost 7.0 in Luzerne County, PA. 102315_WA_1001_P_MA is approximately 1,055 feet wide at the proposed crossing location. Photographs of the proposed crossing are shown in Attachment C.

3. Construction Schedule

It is PennEast’s intent to commence construction of the Project in 2019.

4. Construction Methods

PennEast evaluated route and construction method alternatives for the proposed Susquehanna River crossing. The preferred route was selected to avoid extensive development, flood projects, and other critical infrastructure, and to maximize use of previously-disturbed land and open space. Due to historical mining operations and geotechnical conditions, a trenchless crossing was deemed to be infeasible at the proposed crossing location. A dry, open-cut crossing that utilizes diversion dams and cofferdams was determined to be the most practicable alternative, and has therefore been incorporated in the Project design.

Dry open-cut crossing construction is composed of building temporary dams (i.e., diversion dams or cofferdams) to divert or block a portion of the river and allow dewatering of the river channel where the work will be performed. Temporary dams are necessary to create a dry working area within the river channel for trench excavation, pipeline installation, backfilling and riverbed restoration. This technique serves to reduce downstream river sedimentation potential and is therefore favored over wet open-cut crossing techniques.

Various types of cofferdams have been considered for this application, and the type of cofferdam used will depend on the flow conditions at the time of construction. Crossing of the Susquehanna River includes installing a diversion dam upstream of the pipeline trench worksite at the tip of Monocanock Island. The diversion dam would be constructed to block off one of the river channels to divert flow into the opposite channel on the other side of the island. Two temporary coffer dam alternatives PennEast considered for this approach include a Portadam® style cofferdam and a steel sheet pile cofferdam. Once the river channel flow is diverted, a set of cofferdams would be installed at the edge of the worksite to isolate the construction workspace from river flow. An overview of the construction sequence is described below:

Stage 1 (North Channel):

1. Construct Stage 1 Diversion Dam at the upstream tip of Monocanock Island in the northern channel. The diversion dam will reduce the river velocity, but the river channel will remain flooded between the diversion dam and the cofferdam.
2. Construct Stage 1 Cofferdams at the edge of workspace.
3. Excavate Stage 1 trench, install pipeline, and backfill.
4. Restore pre-construction contours to the extent practicable.
5. Remove Stage 1 Cofferdams.
6. Remove Stage 1 Diversion Dam.

Stage 2 (South Channel):

1. Construct Stage 2 Diversion Dam at the upstream tip of Monocanock Island in the southern channel.
2. Construct Stage 2 Cofferdams at the edge of workspace.
3. Excavate Stage 2 trench, install pipeline in the dry, and backfill.
4. Excavate the trench on the island, install pipeline, tie-in weld on the island, and backfill.
5. Restore pre-construction contours to the extent practicable.
6. Remove Stage 2 Cofferdams.
7. Remove Stage 2 Diversion Dam.

With this proposed construction sequence, one channel will always remain open to boat traffic.

5. Proposed Signage

Proposed signage will be placed in accordance with USCG and PFBC specifications and will consist of rectangular information signs showing the location of the submerged pipeline. Signage will be placed at least two weeks prior to the commencement of the crossing and will remain in place for the duration of construction and restoration. A plan view of the proposed signage locations is included in Attachment D.

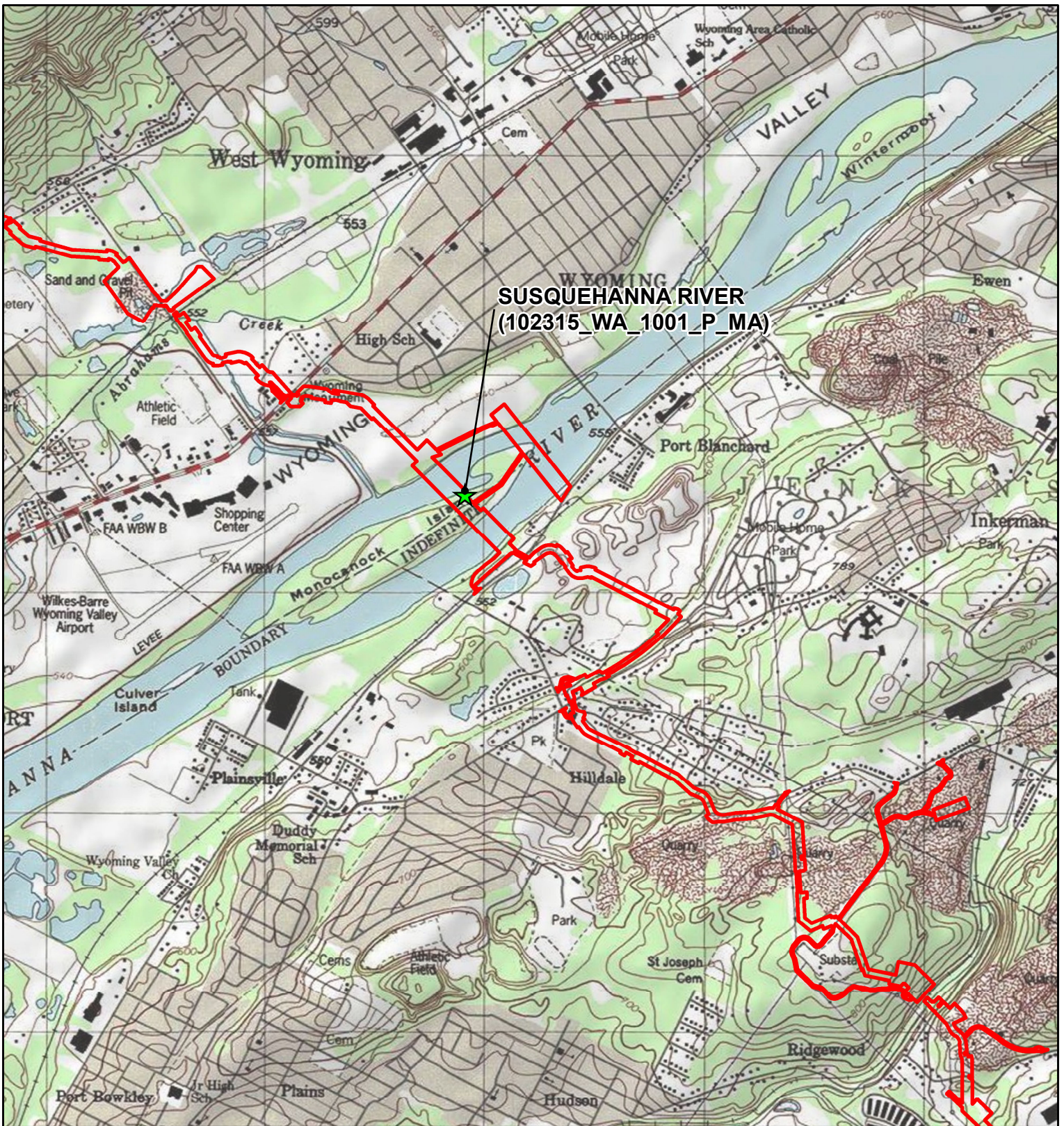
Signage will be placed both within the river and on each bank, both upstream and downstream, of the work area to alert boaters about the construction project from both directions. Boaters will be directed to use the channel that is not blocked by the diversion dam for pipeline construction. Prior to placement of the diversion dam in Stage 1 of construction, "Channel" signs will be placed within the river to indicate the direction of safe passage along the southern channel. Channel signs will remain in place during Stage 1. Upon completion and removal of the diversion dam, and once flow has been restored to the northern channel, signage will be reversed. "Channel" signs will remain in place during Stage 2 to indicate the direction of safe passage along the northern channel.

Please refer to the enclosed Attachment E for a depiction of the proposed signage, to be worded as follows:



- a. WARNING – PIPELINE CONSTRUCTION USE EXTREME CAUTION WHEN BOATING IN THIS AREA.
- b. BOATS KEEP OUT
- c. CHANNEL

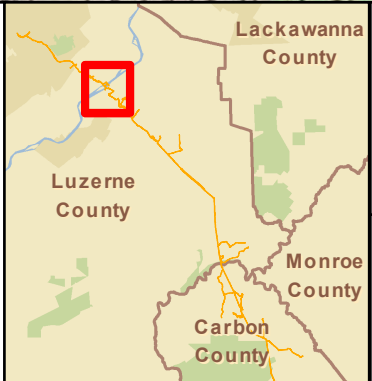

ATTACHMENT B

PROJECT CROSSING LOCATION MAP



Legend


-  Waterbody Crossing
-  Construction Limit

**PennEast
PIPELINE**

Notes:
NAIP Aerial Imagery 2017
USGS Topographic Base Map

0 500 1,000 2,000
Feet



PennEast Pipeline Project

**ATON LOCATION MAP
SUSQUEHANNA RIVER
CROSSING
(102315_WA_1001_P_MA)**

Luzerne County, PA

Date: 5/2/2018	Attachment B
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ATTACHMENT C
PHOTOGRAPHS

Client Name: PennEast Pipeline Company, LLC	Site Location: PennEast Pipeline Project – Susquehanna River	Project No. 60414094
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Photo No. 1	Date: 10/23/15
Direction Photo Taken: Southeast	

Description:

Susquehanna River
(102315_WA_1001_P_M)
Taken at project crossing,
facing
Downstream



Photo No. 2	Date: 4/12/17
Direction Photo Taken: Southwest	

Description:

Susquehanna River
(102315_WA_1001_P_M)
Taken at project crossing,
facing
Downstream



Client Name: PennEast Pipeline Company, LLC	Site Location: PennEast Pipeline Project – Lehigh River	Project No. 60414094
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Photo No. 3	Date: 4/12/2017
Direction Photo Taken: East	

Description:

Susquehanna River
(102315_WA_1001_P_M)
Taken at project crossing,
facing
Upstream



Photo No. 4	Date: 10/23/15
Direction Photo Taken: Northeast	

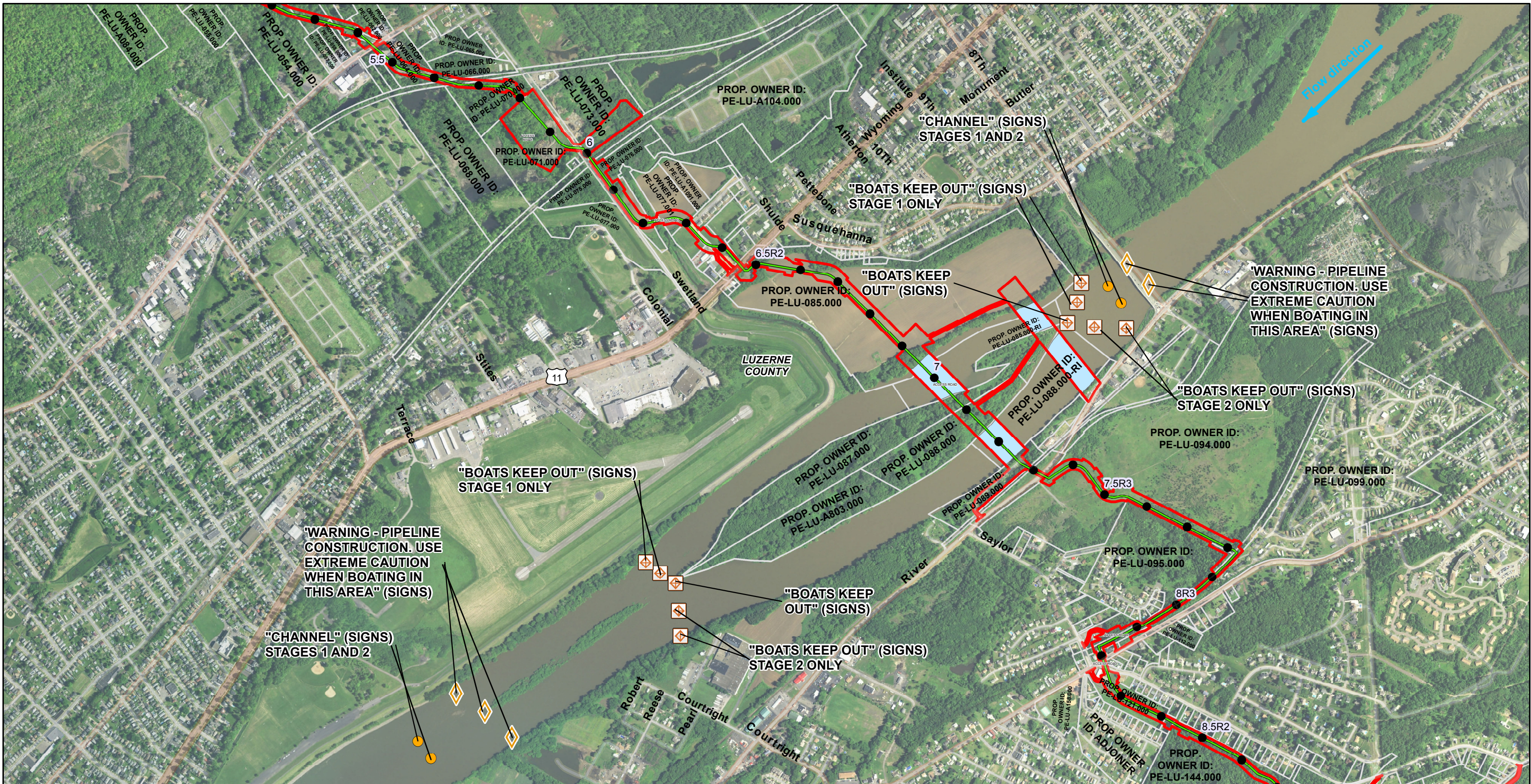
Description:

Susquehanna River
(102315_WA_1001_P_M)
Taken at project crossing,
facing
Upstream



ATTACHMENT D

PLAN VIEW OF PROPOSED CROSSING

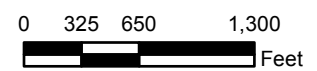


Legend

- Milepost
- ◆ KEEP OUT SIGN
- ◇ WARNING SIGN
- CHANNEL SIGN
- Pipeline Centerline
- ▭ Construction Limit
- ▭ Proposed Crossing
- ▭ OWNER ID Parcel Boundary
- ▭ County Boundary



Notes:
NAIP Aerial Imagery 2017



PennEast Pipeline Project

**ATON SITE PLAN
SUSQUEHANNA RIVER CROSSING
(102315_WA_1001_P_MA)**

Luzerne County, PA

Date: 5/9/2018

Attachment D

ATTACHMENT E
SIGNAGE EXAMPLES

WARNING



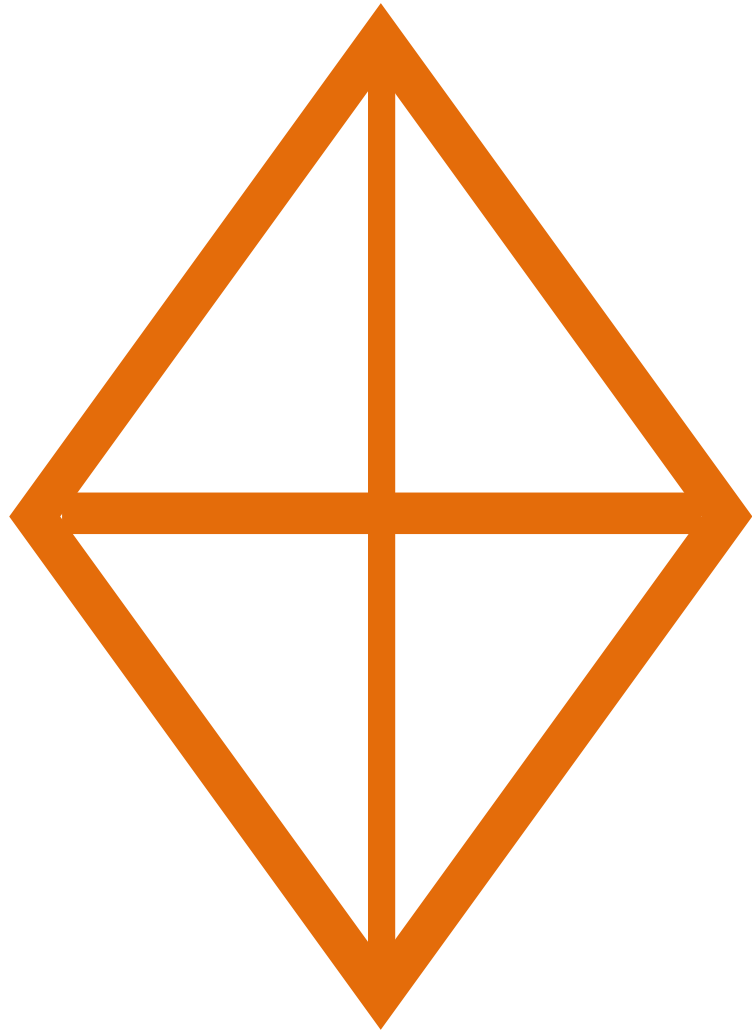
**PIPELINE
CONSTRUCTION
USE EXTREME
CAUTION WHEN
BOATING IN
THIS AREA**

CHANNEL



CHANNEL





BOATS

KEEP

OUT



PENNEAST PIPELINE COMPANY, LLC

**AIDS TO NAVIGATION PLAN
LEHIGH RIVER (052115_JC_1001_P_MA)**

PENNEAST PIPELINE PROJECT
BEAR CREEK TOWNSHIP, LUZERNE COUNTY, AND
KIDDER TOWNSHIP, CARBON COUNTY, PENNSYLVANIA

SUBMITTED TO:
PENNSYLVANIA FISH AND BOAT COMMISSION
P.O. BOX 67000 HARRISBURG PA 17106

OCTOBER 2018

PA Fish and Boat Commission PFBC-277 (01/2015)	APPLICATION FOR PERMIT TO INSTALL FLOATING STRUCTURES AND PRIVATE AIDS TO NAVIGATION		Date Submitted
INSTRUCTIONS	Read regulations on reverse side before completing this form. Complete all blocks. Indicate N/A when items do not apply. Enclosed check or money order for \$10.00 with this application, payable to the Pennsylvania Fish and Boat Commission		
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		7. Specific Area Structure or Aid Installed: Aid to be installed - Buoys/traffic signs within river	
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5. Removal Date: To be determined			
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DO NOT WRITE BELOW THIS LINE - PA FISH AND BOAT COMMISSION USE ONLY			
Waterways Conservation Officer:		WCO No.	Comments or Additional Conditions:
Date:		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	
Agency, Municipality, Organization, Association:		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	Comments or Additional Conditions:
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The following provides a narrative of the ATON Plan to be utilized by PennEast for the installation of the PennEast Pipeline Project at the Lehigh River in Luzerne & Carbon Counties, Pennsylvania. PennEast proposes an open cut, dry crossing of the Lehigh River. Project and obstruction/construction information is provided below supporting the design and installation of an open cut, dry crossing in regards to duration and sequence of construction and how that relates to boat use on this waterway during this timeframe. A United States Geologic Survey 7.5-Minute topographic map depicting the location of the Project’s crossing is provided in Attachment B.

2. Project Description

The Project will entail the construction of approximately 115 miles of 36-inch diameter pipeline from Luzerne County, Pennsylvania to Mercer County, New Jersey and include three laterals that will serve as interconnects with Columbia Gas (TCO), UGI Utilities, Inc., NRG REMA, LLC, Elizabethtown Gas, Algonquin and Texas Eastern. The associated aboveground infrastructures for the Project will consist of interconnect meter stations, mainline block valves, and a single compressor station and their appurtenant facilities and equipment (e.g., pig launchers/receivers, milepost markers, cathodic protection test posts, etc.). The Federal Energy Regulatory Commission (FERC) is the designated lead agency for the Project.

The Project will cross watercourse 052115_JC_1001_P_MA at milepost 23.0 in Luzerne & Carbon Counties, PA. 052115_JC_1001_P_MA is approximately 444 feet wide at the proposed crossing location. Photographs of the proposed crossing are shown in Attachment C.

3. Construction Schedule

It is PennEast’s intent to commence construction of the Project in 2019.

4. Construction Methods

Construction of the Project through the Lehigh River/Francis E. Walter Reservoir will occur using the dam and pump or flume open cut method for a total crossing length of approximately 444 feet. This construction method would involve diverting the water from the upstream side around the construction area, excavation of the pipeline trench across the waterbody, installation of a prefabricated pipeline segment, backfill of the trench with excavated material, and removal of the dam.

The crossing of the Francis E. Walter Reservoir will be constructed between mid-October and February, when the reservoir levels are drawn down and water levels are typically the lowest. During this time, the stream will be narrower and shallower. These conditions would allow PennEast to construct the crossing within 48 hours and minimize the possibility of downstream sedimentation and impacts to wild trout migration. Additionally, recreational impacts to fishing and boating would be reduced by constructing during low-flow conditions in late fall or during the winter.

5. Proposed Signage

Proposed signage will be placed in accordance with USCG and PFBC specifications and will consist of rectangular information signs showing the location of the submerged pipeline and the portage area. Signage will be placed at least two weeks prior to the commencement of the crossing and will remain in place for the duration of construction and restoration. A plan view of the proposed signage locations is included in Attachment D.

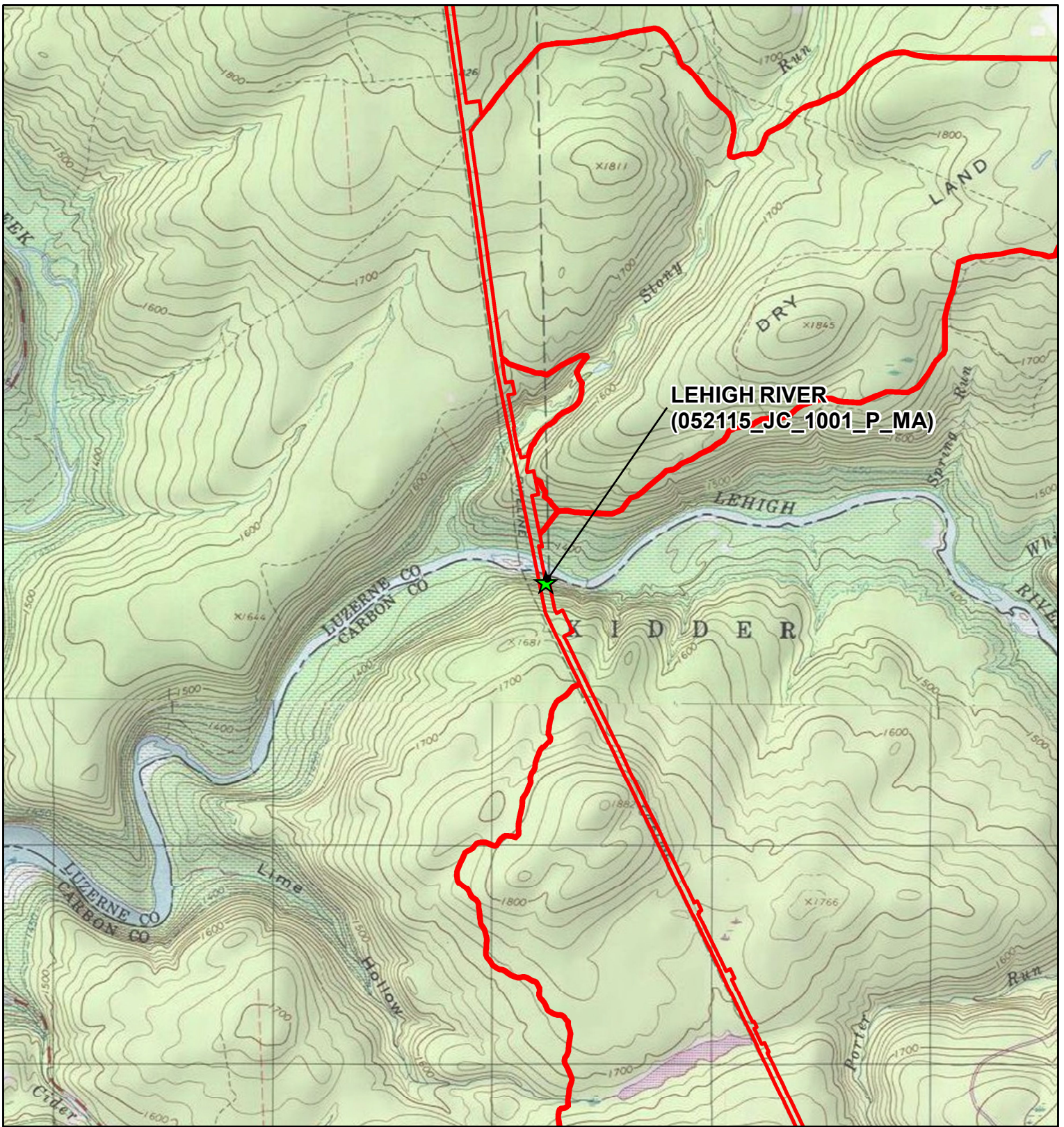
Signage will be placed both within the Lehigh River along each bank both upstream and downstream of the work area to alert boaters about the construction project from both directions. Signage will also be placed to identify the on-land portage route provided for Boaters around the Lehigh River crossing upstream and downstream of the crossing. PennEast personnel will use vehicles to safely transport Boaters and their boats between access/egress points.

Please refer to the enclosed Attachment E for a depiction of the proposed signage, to be worded as follows:



- a. WARNING – PIPELINE CONSTRUCTION USE EXTREME CAUTION WHEN BOATING IN THIS AREA.
- b. PORTAGE 200 FEET AHEAD
- c. PORTAGE – ALL BOATS EXIT
- d. PORTAGE – ALL BOATS RE-ENTER HERE
- e. BOATS KEEP OUT

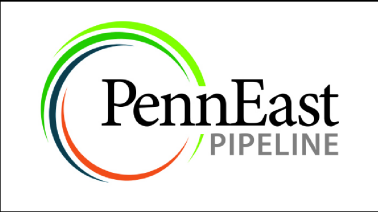
ATTACHMENT B

PROJECT CROSSING LOCATION MAP




Legend

-  Waterbody Crossing
-  Construction Limit



Notes:
 NAIP Aerial Imagery 2017
 USGS Topographic Base Map

0 500 1,000 2,000
 Feet



PennEast Pipeline Project

ATON LOCATION MAP

LEHIGH RIVER CROSSING

(052115_JC_1001_P_MA)

Luzerne/Carbon County, PA

Date: 5/2/2018	Attachment B
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ATTACHMENT C
PHOTOGRAPHS


Client Name: PennEast Pipeline Company, LLC		Site Location: PennEast Pipeline Project – Lehigh River	Project No.: 60414094
Photo No.: 1	Date: 10/11/16		
Direction Photo Taken: North			
Description: Lehigh River (052115_JC_1001_P_MA) during low flow conditions approximately 200 feet downstream of the proposed crossing. Taken from south bank, facing north.			

Photo No.: 2	Date: 4/20/17		
Direction Photo Taken: East			
Description: Lehigh River (052115_JC_1001_P_MA) Taken at project crossing, facing Upstream			


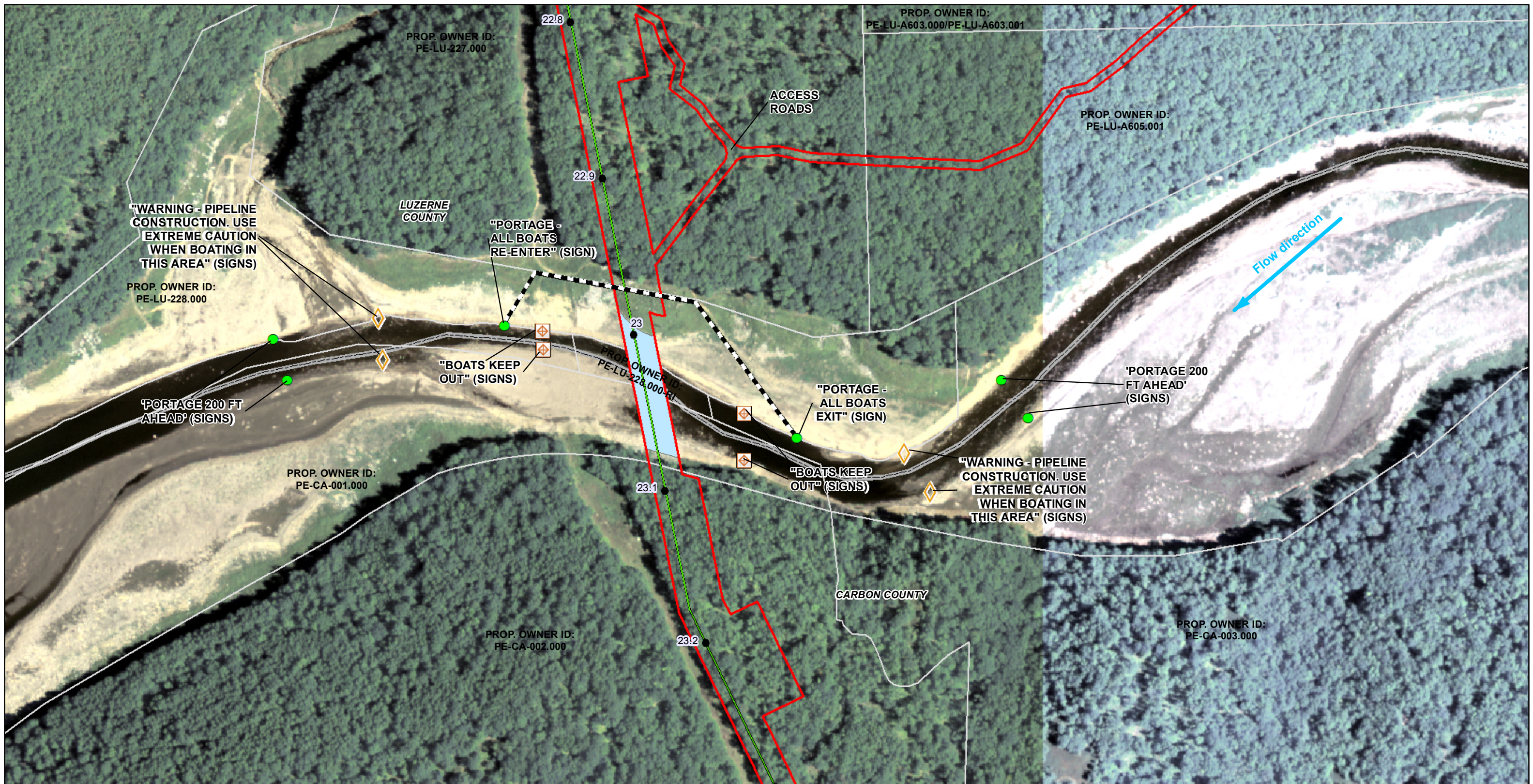
Client Name: PennEast Pipeline Company, LLC		Site Location: PennEast Pipeline Project – Lehigh River	Project No. 60414094
Photo No. 3	Date: 4/20/17		
Direction Photo Taken: South			
Description: Lehigh River (052115_JC_1001_P_MA) Taken at project crossing			

Photo No. 4	Date: 5/21/15		
Direction Photo Taken: East			
Description: Lehigh River (052115_JC_1001_P_MA) Taken at southbank, facing Downstream			

Client Name: PennEast Pipeline Company, LLC		Site Location: PennEast Pipeline Project – Lehigh River	Project No. 60414094
Photo No. 5	Date: 5/21/15		
Direction Photo Taken: West			
Description: Lehigh River (052115_JC_1001_P_MA) Taken at southbank, facing Upstream			

ATTACHMENT D

PLAN VIEW OF PROPOSED CROSSING



Legend

- Milepost
- ◊ Keep Out Sign
- ◊ Warning Sign
- Portage Sign
- Pipeline Centerline
- Portage Path
- ▭ Construction Limit
- ▭ Proposed Crossing (at Normal Pool Elevation)
- ▭ Parcel Boundary
- ▭ County Boundary



Notes:
NAIP Aerial Imagery 2010

PennEast Pipeline Project

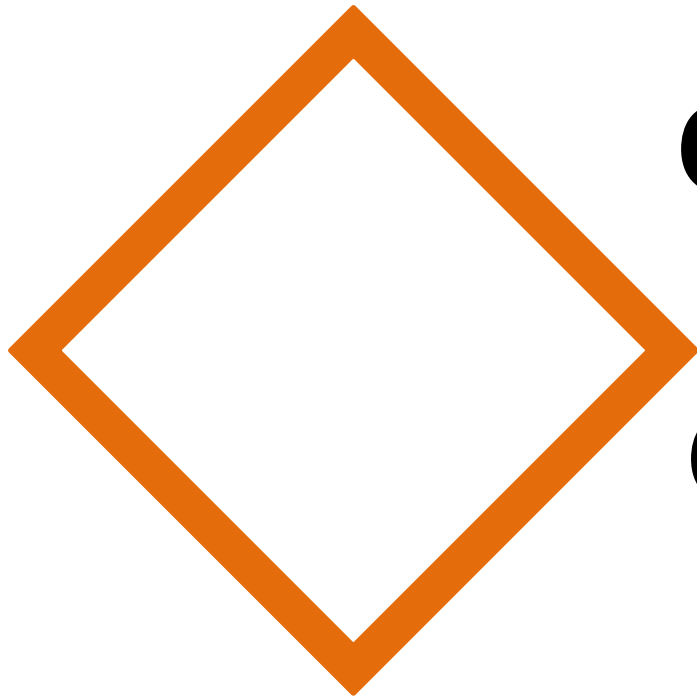
ATON SITE PLAN
LEHIGH RIVER CROSSING
(052115_JC_1001_P_MA)

Luzerne/Carbon County, PA

Date: 10/8/2018	Attachment D
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ATTACHMENT E
SIGNAGE EXAMPLES

WARNING



**PIPELINE
CONSTRUCTION
USE EXTREME
CAUTION WHEN
BOATING IN
THIS AREA**

PORTAGE

200 FEET

AHEAD

PORTAGE

ALL BOATS EXIT HERE



PORTAGE

ALL BOATS EXIT HERE



PORTAGE

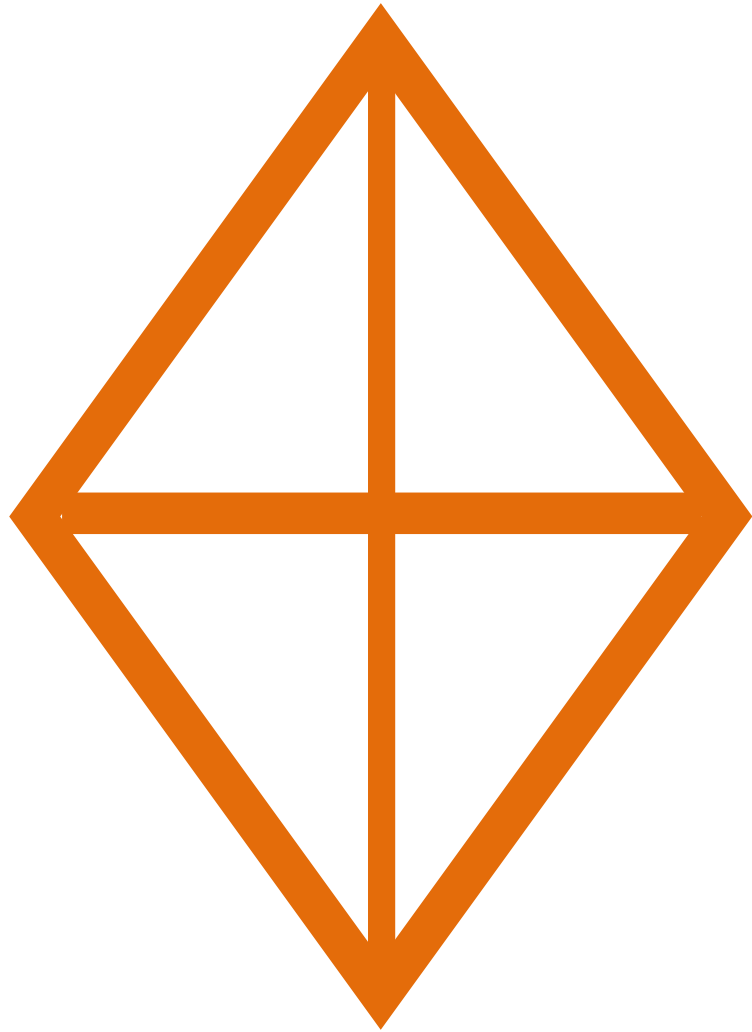
**ALL BOATS RE-ENTER
HERE**



PORTAGE

**ALL BOATS RE-ENTER
HERE**





BOATS

KEEP

OUT