



HAMPTON TECHNICAL ASSOCIATES, INC.

Engineering Land Surveyors

CORPORATE OFFICE

35 Wilson Street – Suite 201

Pittsburgh, PA 15223

Telephone #: (412) 781-9660

Fax #: (412) 781-5904

Web Site: www.hampton-technical.com



SEWAGE FACILITY PLANNING MODULE **PA DEP Tracking Code No: _____**

Tender Care Learning Center

Located at

5425 Baum Boulevard

Pittsburgh, PA 15213

Job # 14055

PREPARED FOR

*Tender Care Learning Centers
1370 Washington Pike Suite 100
Bridgeville, PA 15017*

LOCATION

*8th Ward City of Pittsburgh
Allegheny County, Pennsylvania*

Prepared: 3-30-2023



Table of Contents

DESCRIPTION	PAGE
--------------------	-------------

1.0 Transmittal Letters & Resolutions

Transmittal Letter from PADEP

Transmittal Letter to PADEP

Resolution for Plan Revision for New Land Development

2.0 Component 3: Sewage Collection and Treatment Facilities Module

A. Project Information	1
B. Client (Municipality Information)	1
C. Site Information	2
D. Project Consultant Information.....	2
E. Availability of Drinking Water Supply.....	2
F. Project Narrative	2
G. Proposed Wastewater Disposal Facilities	3
H. Alternative Sewage Facilities Analysis	5
I. Compliance with Water Quality Standards and Effluent Limitations	5
J. Chapter 94 Consistency Determination	6
K. Treatment and Disposal Options.....	6
L. Permeability Testing (Not Applicable).....	7
M. Preliminary Hydrogeologic Study (Not Applicable)	7
N. Detailed Hydrogeologic Study (Not Applicable)	8
O. Sewage Management	8
P. Public Notification Requirement	9
Q. False Swearing Statement.....	10
R. Review Fee.....	10

3.0 Planning Review

Component 4A: Municipal Planning Agency Review

Component 4C: County or Joint Health Department Review

4.0 References

EXHIBITS

Exhibit #1	USGS - Site Location Map
Exhibit #2	Site Location Map
Exhibit #3	Aerial Map
Exhibit #4	USDA - Soil Survey Map

DRAWINGS

<u>SHEET</u>	<u>DESCRIPTION</u>
SFPM	Sewage Facilities Planning Module – Plot Plan

APPENDICES

- Appendix A: Availability of Water Supply
- Appendix B: Sewage Availability of Capacity & Allocation
- Appendix C: Project Narrative
- Appendix D: Proposed Wastewater Disposal Facilities
- Appendix E: Cultural Resource Notice
- Appendix F: Alternative Sewage Facilities Analysis
- Appendix G: PNHP / PNDI Correspondence
- Appendix H: Public Notice

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
SECTION 2.0
COMPONENT 3: SEWAGE COLLECTION AND TREATMENT FACILITIES MODULE**



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

Code No.

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

DEP USE ONLY

DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH ID #

This planning module component is used to fulfill the planning requirements of Act 537 for the following types of projects: (1) a subdivision to be served by sewage collection, conveyance or treatment facilities, (2) a tap-in to an existing collection system with flows on a lot of 2 EDU's or more, or (3) the construction of, or modification to, wastewater collection, conveyance or treatment facilities that will require DEP to issue or modify a Clean Streams Law permit. Planning for any project that will require DEP to issue or modify a permit cannot be processed by a delegated agency. Delegated agencies must send their projects to DEP for final planning approval.

This component, along with any other documents specified in the cover letter, must be completed and submitted to the municipality with jurisdiction over the project site for review and approval. All required documentation must be attached for the Sewage Facilities Planning Module to be complete. Refer to the instructions for help in completing this component.

REVIEW FEES: Amendments to the Sewage Facilities Act established fees to be paid by the developer for review of planning modules for land development. These fees may vary depending on the approving agency for the project (DEP or delegated local agency). Please see section R and the instructions for more information on these fees.

NOTE: All projects must complete Sections A through I, and Sections O through R. Complete Sections J, K, L, M and/or N if applicable or marked .

A. PROJECT INFORMATION (See Section A of instructions)

1. Project Name 5425 Baum Boulevard

2. Brief Project Description

convert an existing office building into a day care center

B. CLIENT (MUNICIPALITY) INFORMATION (See Section B of instructions)

Municipality Name City of Pittsburgh	County Allegheny	City <input checked="" type="checkbox"/>	Boro <input type="checkbox"/>	Twp <input type="checkbox"/>
Municipality Contact Individual - Last Name Prendergast	First Name Kyla	MI	Suffix	Title Senior Environmental Planner
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1 200 Ross Street	Mailing Address Line 2 4th floor			
Address Last Line -- City Pittsburgh	State PA	ZIP+4 15219		
Area Code + Phone + Ext. 412-255-2246	FAX (optional)	Email (optional)		

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

5425 Baum Boulevard

Site Location Line 1
5425 Baum Boulevard

Site Location Line 2

Site Location Last Line -- City
Pittsburgh

State
PA

ZIP+4
15232

Latitude
40°27'26.353"N

Longitude
79°56'15.257"W

Detailed Written Directions to Site

Take 31st Street Bridge. Take Liberty Avenue to Baum Boulevard. Turn left onto Baum Boulevard. 5425 on the left

Description of Site

Existing building with offices and paved parking lot

Site Contact (Developer/Owner)

Last Name

Virgi

First Name

Bill

MI

Suffix

Phone

412-206-0188

Ext.

Site Contact Title

CEO

Site Contact Firm (if none, leave blank)

Tender Care Learning Centers

FAX

Email

bvirgi@tendercarelc.org

Mailing Address Line 1

1370 Washington Pike

Mailing Address Line 2

Suite 100

Mailing Address Last Line -- City

Bridgeville

State

PA

ZIP+4

15017

D. PROJECT CONSULTANT INFORMATION (See Section D of instructions)

Last Name

Taylor

First Name

Thomas

MI

L

Suffix

Title

Senior Project Manager

Consulting Firm Name

Hampton Technical Associates

Mailing Address Line 1

35 Wilson Street

Mailing Address Line 2

Suite 201

Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

15223

Country

US

Email

thomast@hampton-tech.net

Area Code + Phone

412-781-9660

Ext.

Area Code + FAX

E. AVAILABILITY OF DRINKING WATER SUPPLY

The project will be provided with drinking water from the following source: (Check appropriate box)

- Individual wells or cisterns.
 A proposed public water supply.
 An existing public water supply.

If existing public water supply is to be used, provide the name of the water company and attach documentation from the water company stating that it will serve the project.

Name of water company: Pittsburgh Water and Sewer Authority

F. PROJECT NARRATIVE (See Section F of instructions)

- A narrative has been prepared as described in Section F of the instructions and is attached.

The applicant may choose to include additional information beyond that required by Section F of the instructions.

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (See Section G of instructions)

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter 93 (relating to wastewater treatment requirements).

1. COLLECTION SYSTEM

a. Check appropriate box concerning collection system

- New collection system Pump Station Force Main
 Grinder pump(s) Extension to existing collection system Expansion of existing facility

Clean Streams Law Permit Number _____

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 3.25

Connections 1

Name of:

existing collection or conveyance system Baum Boulevard - 15" VCP

owner PWSA

existing interceptor Allegheny River

owner Allegheny County Sanitary Authority (ALCOSAN)

2. WASTEWATER TREATMENT FACILITY

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter(s) 91 (relating to general provisions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring and compliance) and 93 (relating to water quality standards).

a. Check appropriate box and provide requested information concerning the treatment facility

- New facility Existing facility Upgrade of existing facility Expansion of existing facility

Name of existing facility ALCOSAN Woods Run WWTP

NPDES Permit Number for existing facility PA0025984

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude 40°28'34" N Longitude 80°02'44" W

b. The following certification statement must be completed and signed by the wastewater treatment facility permittee or their representative.

As an authorized representative of the permittee, I confirm that the ALCOSAN Woods Run (Name from above) sewage treatment facilities can accept sewage flows from this project without adversely affecting the facility's ability to achieve all applicable technology and water quality based effluent limits (see Section I) and conditions contained in the NPDES permit identified above.

Name of Permittee Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Shawn P. McWilliams, EIT

Agent Signature Shawn P. McWilliams Date 04/17/2023

(Also see Section I. 4.)

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (Continued)

3. PLOT PLAN

The following information is to be submitted on a plot plan of the proposed subdivision.

- a. Existing and proposed buildings.
- b. Lot lines and lot sizes.
- c. Adjacent lots.
- d. Remainder of tract.
- e. Existing and proposed sewerage facilities. Plot location of discharge point, land application field, spray field, COLDS, or LVCOLDS if a new facility is proposed.
- f. Show tap-in or extension to the point of connection to existing collection system (if applicable).
- g. Existing and proposed water supplies and surface water (wells, springs, ponds, streams, etc.)
- h. Existing and proposed rights-of-way.
- i. Existing and proposed buildings, streets, roadways, access roads, etc.
- j. Any designated recreational or open space area.
- k. Wetlands - from National Wetland Inventory Mapping and USGS Hydric Soils Mapping.
- l. Flood plains or Flood prone areas, floodways, (Federal Flood Insurance Mapping)
- m. Prime Agricultural Land.
- n. Any other facilities (pipelines, power lines, etc.)
- o. Orientation to north.
- p. Locations of all site testing activities (soil profile test pits, slope measurements, permeability test sites, background sampling, etc. (if applicable).
- q. Soils types and boundaries when a land based system is proposed.
- r. Topographic lines with elevations when a land based system is proposed

4. WETLAND PROTECTION

YES NO

- a. Are there wetlands in the project area? If yes, ensure these areas appear on the plot plan as shown in the mapping or through on-site delineation.
- b. Are there any construction activities (encroachments, or obstructions) proposed in, along, or through the wetlands? If yes, Identify any proposed encroachments on wetlands and identify whether a General Permit or a full encroachment permit will be required. If a full permit is required, address time and cost impacts on the project. Note that wetland encroachments should be avoided where feasible. Also note that a feasible alternative **MUST BE SELECTED** to an identified encroachment on an exceptional value wetland as defined in Chapter 105. Identify any project impacts on streams classified as HQ or EV and address impacts of the permitting requirements of said encroachments on the project.

5. PRIME AGRICULTURAL LAND PROTECTION

YES NO

- Will the project involve the disturbance of prime agricultural lands?
If yes, coordinate with local officials to resolve any conflicts with the local prime agricultural land protection program. The project must be consistent with such municipal programs before the sewage facilities planning module package may be submitted to DEP.
If no, prime agricultural land protection is not a factor to this project.
- Have prime agricultural land protection issues been settled?

6. HISTORIC PRESERVATION ACT

YES NO

- Sufficient documentation is attached to confirm that this project is consistent with DEP Technical Guidance 012-0700-001 *Implementation of the PA State History Code* (available online at the DEP website at www.dep.state.pa.us, select "subject" then select "technical guidance"). As a minimum this includes copies of the completed Cultural Resources Notice (CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES

Check one:

- The "Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt" resulting from my search of the PNDI database and all supporting documentation from jurisdictional agencies (when necessary) is/are attached.
- A completed "Pennsylvania Natural Diversity Inventory (PNDI) Project Planning & Environmental Review Form," (PNDI Form) available at www.naturalheritage.state.pa.us, and all required supporting documentation is attached. I request DEP staff to complete the required PNDI search for my project. I realize that my planning module will be considered incomplete upon submission to the Department and that the DEP review will not begin, and that processing of my planning module will be delayed, until a "PNDI Project Environmental Review Receipt" and all supporting documentation from jurisdictional agencies (when necessary) is/are received by DEP.

Applicant or Consultant Initials _____.

H. ALTERNATIVE SEWAGE FACILITIES ANALYSIS (See Section H of instructions)

- An alternative sewage facilities analysis has been prepared as described in Section H of the attached instructions and is attached to this component.

The applicant may choose to include additional information beyond that required by Section H of the attached instructions.

I. COMPLIANCE WITH WATER QUALITY STANDARDS AND EFFLUENT LIMITATIONS (See Section I of instructions) (Check and complete all that apply.)

1. Waters designated for Special Protection

- The proposed project will result in a new or increased discharge into special protection waters as identified in Title 25, Pennsylvania Code, Chapter 93. The Social or Economic Justification (SEJ) required by Section 93.4c. is attached.

2. Pennsylvania Waters Designated As Impaired

- The proposed project will result in a new or increased discharge of a pollutant into waters that DEP has identified as being impaired by that pollutant. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss water quality based discharge limitations.

3. Interstate and International Waters

- The proposed project will result in a new or increased discharge into interstate or international waters. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss effluent limitations necessary to meet the requirements of the interstate or international compact.

4. Tributaries To The Chesapeake Bay

- The proposed project result in a new or increased discharge of sewage into a tributary to the Chesapeake Bay. This proposal for a new sewage treatment facility or new flows to an existing facility includes total nitrogen and total phosphorus in the following amounts: _____ pounds of TN per year, and _____ pounds of TP per year. Based on the process design and effluent limits, the total nitrogen treatment capacity of the wastewater treatment facility is _____ pounds per year and the total phosphorus capacity is _____ pounds per year as determined by the wastewater treatment facility permittee. The permittee has determined that the additional TN and TP to be contributed by this project (as modified by credits and/or offsets to be provided) will not cause the discharge to exceed the annual total mass limits for these parameters. Documentation of compliance with nutrient allocations is attached.

Name of Permittee Agency, Authority, Municipality _____

Initials of Responsible Agent (See Section G 2.b) _____

See *Special Instructions* (Form 3800-FM-BPNPSM0353-1) for additional information on Chesapeake Bay watershed requirements.

J. CHAPTER 94 CONSISTENCY DETERMINATION (See Section J of instructions)

Projects that propose the use of existing municipal collection, conveyance or wastewater treatment facilities, or the construction of collection and conveyance facilities to be served by existing municipal wastewater treatment facilities must be consistent with the requirements of Title 25, Chapter 94 (relating to Municipal Wasteload Management). If not previously included in Section F, include a general map showing the path of the sewage to the treatment facility. If more than one municipality or authority will be affected by the project, please obtain the information required in this section for each. Additional sheets may be attached for this purpose.

1. Project Flows 1295 gpd
2. Total Sewage Flows to Facilities (pathway from point of origin through treatment plant)

When providing "treatment facilities" sewage flows, use Annual Average Daily Flow for "average" and Maximum Monthly Average Daily Flow for "peak" in all cases. For "peak flows" in "collection" and "conveyance" facilities, indicate whether these flows are "peak hourly flow" or "peak instantaneous flow" and how this figure was derived (i.e., metered, measured, estimated, etc.).

- a. Enter average and peak sewage flows for each proposed or existing facility as designed or permitted.
- b. Enter the average and peak sewage flows for the most restrictive sections of the existing sewage facilities.
- c. Enter the average and peak sewage flows, projected for 5 years (2 years for pump stations) through the most restrictive sections of the existing sewage facilities. Include existing, proposed (this project) and future project (other approved projects) flows.

To complete the table, refer to the instructions, Section J.

	a. Design and/or Permitted Capacity (gpd)		b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd) (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
Collection	2,098,977	7,346,419	18,443	64,551	19,754	69,139
Conveyance	—	31,200,000	8,810,000	10,800,000	8,899,400	10,909,300
Treatment	—	250,000,000	194,200,000	250,000,000	248,800,000	295,000,000

3. Collection and Conveyance Facilities

The questions below are to be answered by the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities. These questions should be answered in coordination with the latest Chapter 94 annual report and the above table. The individual(s) signing below must be legally authorized to make representation for the organization.

YES NO

- a. YES NO This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until all inconsistencies with Chapter 94 are resolved or unless there is an approved Corrective Action Plan (CAP) granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the module package.

If no, a representative of the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not affect that status.

b. Collection System

Name of Agency, Authority, Municipality PWSA

Name of Responsible Agent Robert Herring

Agent Signature *Robert Herring* Robert Herring 2023.03.27 10:17:55 -04'00' Date 3/27/2023

J. CHAPTER 94 CONSISTENCY DETERMINATION (See Section J of instructions)

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Shawn P. McWilliams, EIT

Agent Signature *Shawn P. McWilliams*

Date 04/17/2023

4. Treatment Facility

The questions below are to be answered by a representative of the facility permittee in coordination with the information in the table and the latest Chapter 94 report. The individual signing below must be legally authorized to make representation for the organization.

YES NO ***ALCOSAN IS UNDER A CONSENT DECREE TO ADDRESS WET WEATHER OVERFLOWS.**

- a. This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved CAP granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the planning module.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not impact that status.

b. Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Shawn P. McWilliams, EIT

Agent Signature *Shawn P. McWilliams*

Date 04/17/2023

K. TREATMENT AND DISPOSAL OPTIONS (See Section K of instructions)

This section is for land development projects that propose construction of wastewater treatment facilities. Please note that, since these projects require permits issued by DEP, these projects may **NOT** receive final planning approval from a delegated local agency. Delegated local agencies must send these projects to DEP for final planning approval.

Check the appropriate box indicating the selected treatment and disposal option.

- 1. Spray irrigation (other than individual residential spray systems (IRSIS)) or other land application is proposed, and the information requested in Section K.1. of the planning module instructions are attached.
- 2. Recycle and reuse is proposed and the information requested in Section K-2 of the planning module instructions is attached.
- 3. A discharge to a dry stream channel is proposed, and the information requested in Section K.3. of the planning module instructions are attached.
- 4. A discharge to a perennial surface water body is proposed, and the information requested in Section K.4. of the planning module instructions are attached.

L. PERMEABILITY TESTING (See Section L of instructions)

- The information required in Section L of the instructions is attached.

M. PRELIMINARY HYDROGEOLOGIC STUDY (See Section M of instructions)

- The information required in Section M of the instructions is attached.

N. DETAILED HYDROGEOLOGIC STUDY (See Section N of instructions)

The detailed hydrogeologic information required in Section N. of the instructions is attached.

O. SEWAGE MANAGEMENT (See Section O of instructions)

(1-3 for completion by the developer(project sponsor), 4-5 for completion by the non-municipal facility agent and 6 for completion by the municipality)

Yes No

1. Is connection to, or construction of, a DEP permitted, non-municipal sewage facility or a local agency permitted, community onlot sewage facility proposed.

If Yes, respond to the following questions, attach the supporting analysis, and an evaluation of the options available to assure long-term proper operation and maintenance of the proposed non-municipal facilities. If No, skip the remainder of Section O.

2. Project Flows _____ gpd

Yes No

3. Is the use of nutrient credits or offsets a part of this project?

If yes, attach a letter of intent to purchase the necessary credits and describe the assurance that these credits and offsets will be available for the remaining design life of the non-municipal sewage facility;

(For completion by non-municipal facility agent)

4. Collection and Conveyance Facilities

The questions below are to be answered by the organization/individual responsible for the non-municipal collection and conveyance facilities. The individual(s) signing below must be legally authorized to make representation for the organization.

Yes No

- a. If this project proposes sewer extensions or tap-ins, will these actions create a hydraulic overload on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until this issue is resolved.

If no, a representative of the organization responsible for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with Chapter 71 §71.53(d)(3) and that this proposal will not affect that status.

- b. Collection System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

- c. Conveyance System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

5. Treatment Facility

The questions below are to be answered by a representative of the facility permittee. The individual signing below must be legally authorized to make representation for the organization.

Yes No

- a. If this project proposes the use of an existing non-municipal wastewater treatment plant for the disposal of sewage, will this action create a hydraulic or organic overload at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this issue is resolved.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with §71.53(d)(3) and that this proposal will not impact that status.

- b. Name of Facility _____
Name of Responsible Agent _____
Agent Signature _____
Date _____

(For completion by the municipality)

6. The **SELECTED OPTION** necessary to assure long-term proper operation and maintenance of the proposed non-municipal facilities is clearly identified with documentation attached in the planning module package.

P. PUBLIC NOTIFICATION REQUIREMENT (See Section P of instructions)

This section must be completed to determine if the applicant will be required to publish facts about the project in a newspaper of general circulation to provide a chance for the general public to comment on proposed new land development projects. This notice may be provided by the applicant or the applicant's agent, the municipality or the local agency by publication in a newspaper of general circulation within the municipality affected. Where an applicant or an applicant's agent provides the required notice for publication, the applicant or applicant's agent shall notify the municipality or local agency and the municipality and local agency will be relieved of the obligation to publish. The required content of the publication notice is found in Section P of the instructions.

To complete this section, each of the following questions must be answered with a "yes" or "no". Newspaper publication is required if any of the following are answered "yes".

Yes No

1. Does the project propose the construction of a sewage treatment facility ?
2. Will the project change the flow at an existing sewage treatment facility by more than 50,000 gallons per day?
3. Will the project result in a public expenditure for the sewage facilities portion of the project in excess of \$100,000?
4. Will the project lead to a major modification of the existing municipal administrative organizations within the municipal government?
5. Will the project require the establishment of *new* municipal administrative organizations within the municipal government?
6. Will the project result in a subdivision of 50 lots or more? (onlot sewage disposal only)
7. Does the project involve a major change in established growth projections?
8. Does the project involve a different land use pattern than that established in the municipality's Official Sewage Plan?

P. PUBLIC NOTIFICATION REQUIREMENT cont'd. (See Section P of instructions)

- 9. Does the project involve the use of large volume onlot sewage disposal systems (Flow > 10,000 gpd)?
- 10. Does the project require resolution of a conflict between the proposed alternative and consistency requirements contained in §71.21(a)(5)(i), (ii), (iii)?
- 11. Will sewage facilities discharge into high quality or exceptional value waters?
- Attached is a copy of:
 - the public notice,
 - all comments received as a result of the notice,
 - the municipal response to these comments.
- No comments were received. A copy of the public notice is attached.

Q. FALSE SWEARING STATEMENT (See Section Q of instructions)

I verify that the statements made in this component are true and correct to the best of my knowledge, information and belief. I understand that false statements in this component are made subject to the penalties of 18 PA C.S.A. §4904 relating to unsworn falsification to authorities.

Thomas L. Taylor

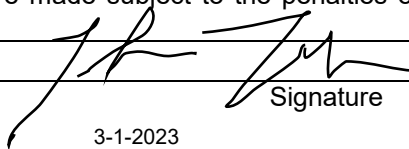
Name (Print)

Senior Project Manager

Title

35 Wilson Street; Suite 201; Pittsburgh, PA 15223

Address



Signature

3-1-2023

Date

412-781-9660

Telephone Number

R. REVIEW FEE (See Section R of instructions)

The Sewage Facilities Act establishes a fee for the DEP planning module review. DEP will calculate the review fee for the project and invoice the project sponsor **OR** the project sponsor may attach a self-calculated fee payment to the planning module prior to submission of the planning package to DEP. (Since the fee and fee collection procedures may vary if a "delegated local agency" is conducting the review, the project sponsor should contact the "delegated local agency" to determine these details.) Check the appropriate box.

- I request DEP calculate the review fee for my project and send me an invoice for the correct amount. I understand DEP's review of my project will not begin until DEP receives the correct review fee from me for the project.
- I have calculated the review fee for my project using the formula found below and the review fee guidance in the instructions. I have attached a check or money order in the amount of \$ 163 payable to "Commonwealth of PA, DEP". Include DEP code number on check. I understand DEP will not begin review of my project unless it receives the fee and determines the fee is correct. If the fee is incorrect, DEP will return my check or money order, send me an invoice for the correct amount. I understand DEP review will NOT begin until I have submitted the correct fee.
- I request to be exempt from the DEP planning module review fee because this planning module creates **only** one new lot and is the **only** lot subdivided from a parcel of land as that land existed on December 14, 1995. I realize that subdivision of a second lot from this parcel of land shall disqualify me from this review fee exemption. I am furnishing the following deed reference information in support of my fee exemption.

County Recorder of Deeds for _____ County, Pennsylvania

Deed Volume _____ Book Number _____

Page Number _____ Date Recorded _____

R. REVIEW FEE (continued)

Formula:

1. For a new collection system (with or without a Clean Streams Law Permit), a collection system extension, or individual tap-ins to an existing collection system use this formula.

$$\# \underline{3.25} \text{ Lots (or EDUs) X } \$50.00 = \$ \underline{163}$$

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
 - For community sewer system projects, one EDU is equal to a sewage flow of 400 gallons per day.
2. For a surface or subsurface discharge system, use the appropriate one of these formulae.

- A. A new surface discharge greater than 2000 gpd will use a flat fee:

\$ 1,500 per submittal (non-municipal)
\$ 500 per submittal (municipal)

- B. An increase in an existing surface discharge will use:

$$\# \underline{\hspace{2cm}} \text{ Lots (or EDUs) X } \$35.00 = \$ \underline{\hspace{2cm}}$$

to a maximum of \$ 1,500 per submittal (non-municipal) or \$ 500 per submittal (municipal)

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
- For community sewage system projects one EDU is equal to a sewage flow of 400 gallons per day.
- For non-single family residential projects, EDUs are calculated using projected population figures

- C. A sub-surface discharge system that requires a permit under The Clean Streams Law will use a flat fee:

\$ 1,500 per submittal (non-municipal)
\$ 500 per submittal (municipal)

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
SECTION 3.0 PLANNING REVIEW**

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
COMPONENT 4A: MUNICIPAL PLANNING AGENCY REVIEW**



INSTRUCTIONS FOR COMPLETING COMPONENT 4A MUNICIPAL PLANNING AGENCY REVIEW

Remove and recycle these instructions prior to mailing component to the approving agency.

Background

This component, Component 4, is used to obtain the comments of planning agencies and/or health departments having jurisdiction over the project area. It is used in conjunction with other planning module components appropriate to the characteristics of the project proposed.

Who Should Complete the Component?

The component should be completed by any existing municipal planning agency, county planning agency, planning agency with areawide jurisdiction, and/or health department having jurisdiction over the project site. It is divided into sections to allow for convenient use by the appropriate agencies.

The project sponsor must forward copies of this component, along with supporting components and data, to the appropriate planning agency(ies) and health department(s) (if any) having jurisdiction over the development site. These agencies are responsible for responding to the questions in their respective sections of Component 4, as well as providing whatever additional comments they may wish to provide on the project plan. After the agencies have completed their review, the component will be returned to the applicant. The agencies have 60 days in which to provide comments to the applicant. If the agencies fail to comment within this 60 day period, the applicant may proceed to the next stage of the review without the comments. The use of registered mail or certified mail (return receipt requested) by the applicant when forwarding the module package to the agencies will document a date of receipt.

After receipt of the completed Component 4 from the planning agencies, or following expiration of the 60 day period without comments, the applicant must submit the entire component package to the municipality having jurisdiction over the project area for review and action. If approved by the municipality, the proposed plan, along with the municipal action, will be forwarded to the approving agency (Department of Environmental Protection or delegated local agency). The approving agency, in turn, will either approve the proposed plan, return it as incomplete, or disapprove the plan, based upon the information provided.

Instructions for Completing Planning Agency and/or Health Department Review Component

Section A. Project Name

Enter the project name as it appears on the accompanying sewage facilities planning module component (Component 2, 2m, 3, 3s or 3m).

Section B. Review Schedule

Enter the date the package was received by the reviewing agency, and the date that the review was completed.

Section C. Agency Review

1. Answer the yes/no questions and provide any descriptive information necessary on the lines provided. Attach additional sheets, if necessary.
2. Complete the name, title, and signature block.

Section D. Additional Comments

The Agency may provide whatever additional comment(s) it deems necessary, as described in the form. Attach additional sheets, if necessary.



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF CLEAN WATER

DEP Code #: _____

**SEWAGE FACILITIES PLANNING MODULE
 COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW**

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the local municipal planning agency for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name _____
 5425 Baum Boulevard

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by municipal planning agency _____
2. Date review completed by agency _____

SECTION C. AGENCY REVIEW (See Section C of instructions)

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, <i>et seq.</i>)?
<input type="checkbox"/>	<input type="checkbox"/>	2. Is this proposal consistent with the comprehensive plan for land use? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input type="checkbox"/>	3. Is this proposal consistent with the use, development, and protection of water resources? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input type="checkbox"/>	4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation?
<input type="checkbox"/>	<input type="checkbox"/>	5. Does this project propose encroachments, obstructions, or dams that will affect wetlands? If yes, describe impacts _____
<input type="checkbox"/>	<input type="checkbox"/>	6. Will any known historical or archaeological resources be impacted by this project? If yes, describe impacts _____
<input type="checkbox"/>	<input type="checkbox"/>	7. Will any known endangered or threatened species of plant or animal be impacted by this project? If yes, describe impacts _____
<input type="checkbox"/>	<input type="checkbox"/>	8. Is there a municipal zoning ordinance?
<input type="checkbox"/>	<input type="checkbox"/>	9. Is this proposal consistent with the ordinance? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input type="checkbox"/>	10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance?
<input type="checkbox"/>	<input type="checkbox"/>	11. Have all applicable zoning approvals been obtained?
<input type="checkbox"/>	<input type="checkbox"/>	12. Is there a municipal subdivision and land development ordinance?

SECTION C. AGENCY REVIEW (continued)

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	13. Is this proposal consistent with the ordinance? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input type="checkbox"/>	14. Is this plan consistent with the municipal Official Sewage Facilities Plan? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input type="checkbox"/>	15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? If yes, describe _____
<input type="checkbox"/>	<input type="checkbox"/>	16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?
<input type="checkbox"/>	<input type="checkbox"/>	If yes, is the proposed waiver consistent with applicable ordinances? If no, describe the inconsistencies _____
17. Name, title and signature of planning agency staff member completing this section: Name: _____ Title: _____ Signature: _____ Date: _____ Name of Municipal Planning Agency: _____ Address _____ Telephone Number: _____		

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

This component does not limit municipal planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
COMPONENT 4C: COUNTY OR JOINT HEALTH DEPARTMENT REVIEW**



INSTRUCTIONS FOR COMPLETING COMPONENT 4C COUNTY OR JOINT HEALTH DEPARTMENT REVIEW

Remove and recycle these instructions prior to mailing component to the approving agency.

Background

This component, Component 4, is used to obtain the comments of planning agencies and/or health departments having jurisdiction over the project area. It is used in conjunction with other planning module components appropriate to the characteristics of the project proposed.

Who Should Complete the Component?

The component should be completed by any existing municipal planning agency, county planning agency, planning agency with areawide jurisdiction, and/or health department having jurisdiction over the project site. It is divided into sections to allow for convenient use by the appropriate agencies.

The project sponsor must forward copies of this component, along with supporting components and data, to the appropriate planning agency(ies) and health department(s) (if any) having jurisdiction over the development site. These agencies are responsible for responding to the questions in their respective sections of Component 4, as well as providing whatever additional comments they may wish to provide on the project plan. After the agencies have completed their review, the component will be returned to the applicant. The agencies have 60 days in which to provide comments to the applicant. If the agencies fail to comment within this 60 day period, the applicant may proceed to the next stage of the review without the comments. The use of registered mail or certified mail (return receipt requested) by the applicant when forwarding the module package to the agencies will document a date of receipt.

After receipt of the completed Component 4 from the planning agencies, or following expiration of the 60 day period without comments, the applicant must submit the entire component package to the municipality having jurisdiction over the project area for review and action. If approved by the municipality, the proposed plan, along with the municipal action, will be forwarded to the approving agency (Department of Environmental Protection or delegated local agency). The approving agency, in turn, will either approve the proposed plan, return it as incomplete, or disapprove the plan, based upon the information provided.

Instructions for Completing Planning Agency and/or Health Department Review Component

Section A. Project Name

Enter the project name as it appears on the accompanying sewage facilities planning module component (Component 2, 2m, 3, 3s or 3m).

Section B. Review Schedule

Enter the date the package was received by the reviewing agency, and the date that the review was completed.

Section C. Agency Review

1. Answer the yes/no questions and provide any descriptive information necessary on the lines provided. Attach additional sheets, if necessary.
2. Complete the name, title, and signature block.

Section D. Additional Comments

The Agency may provide whatever additional comment(s) it deems necessary, as described in the form. Attach additional sheets, if necessary.



SEWAGE FACILITIES PLANNING MODULE COMPONENT 4C - COUNTY OR JOINT HEALTH DEPARTMENT REVIEW

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the county or joint county health department for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name _____
5425 Baum Boulevard

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by county or joint county health department _____
Agency name _____
2. Date review completed by agency _____

SECTION C. AGENCY REVIEW (See Section C of instructions)

Yes No

- | | | |
|---|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
If no, what are the inconsistencies? _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Is there any known groundwater degradation in the area of this proposal?
If yes, describe _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. The county or joint county health department recommendation concerning this proposed plan is as follows: _____ |
| 5. Name, title and signature of person completing this section: | | |
| Name: _____ | | |
| Title: _____ | | |
| Signature: _____ | | |
| Date: _____ | | |
| Name of County Health Department: _____ | | |
| Address: _____ | | |
| Telephone Number: _____ | | |

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

This component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The county planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
SECTION 4.0 REFERENCES**

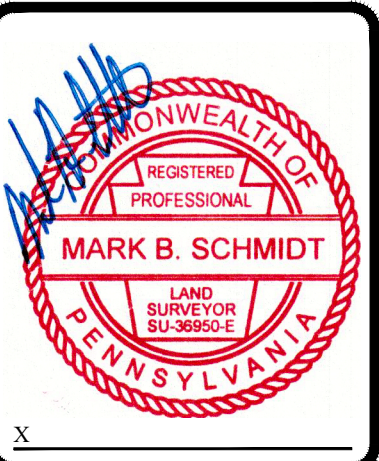
**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
EXHIBITS**

SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
DRAWING
(FULL SIZE DRAWING ALSO ATTACHED)



VICINITY MAP N.T.S.

UTILITY PROVIDERS		
WATER	SANITARY SEWERS	ELECTRIC
PITTSBURGH WATER & SEWER AUTHORITY 1200 PENN AVENUE PITTSBURGH, PA 15222 (412) 255-2423	PITTSBURGH WATER & SEWER AUTHORITY 1200 PENN AVENUE PITTSBURGH, PA 15222 (412) 255-2423	DUQUESNE LIGHT 411 7TH AVENUE PITTSBURGH, PA 51219 (800) 393-7100
PITTSBURGH DEPT. OF PUBLIC WORKS 611 SECOND AVENUE PITTSBURGH, PA 15219 (412) 255-0840	GAS PEOPLES GAS 375 N SHORE DRIVE #600 PITTSBURGH, PA 15212 (800) 837-4966	COMMUNICATION COMCAST 15 SUMMIT PARK DRIVE PITTSBURGH, PA 15275 (412) 255-0840

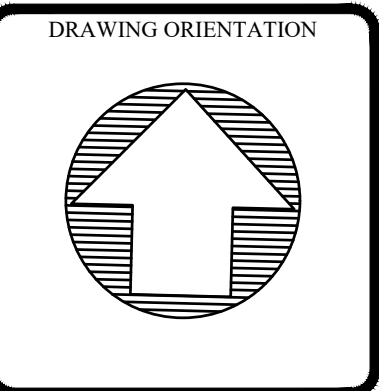


ENGINEERING LAND SURVEYORS
ESTABLISHED 1960
www.hampton-technical.com

Corporate Office
Ema Technical Center
35 Wilson Street, Suite 201
Pittsburgh, PA 15223
PHONE: (412) 781-9660
FAX: (412) 781-5904

Mars Office
123 Ridge Road, Suite B
Valencia, PA 16059
PHONE: (724) 625-4544
FAX: (724) 625-4549

DATE ISSUED	PROJECT STATUS

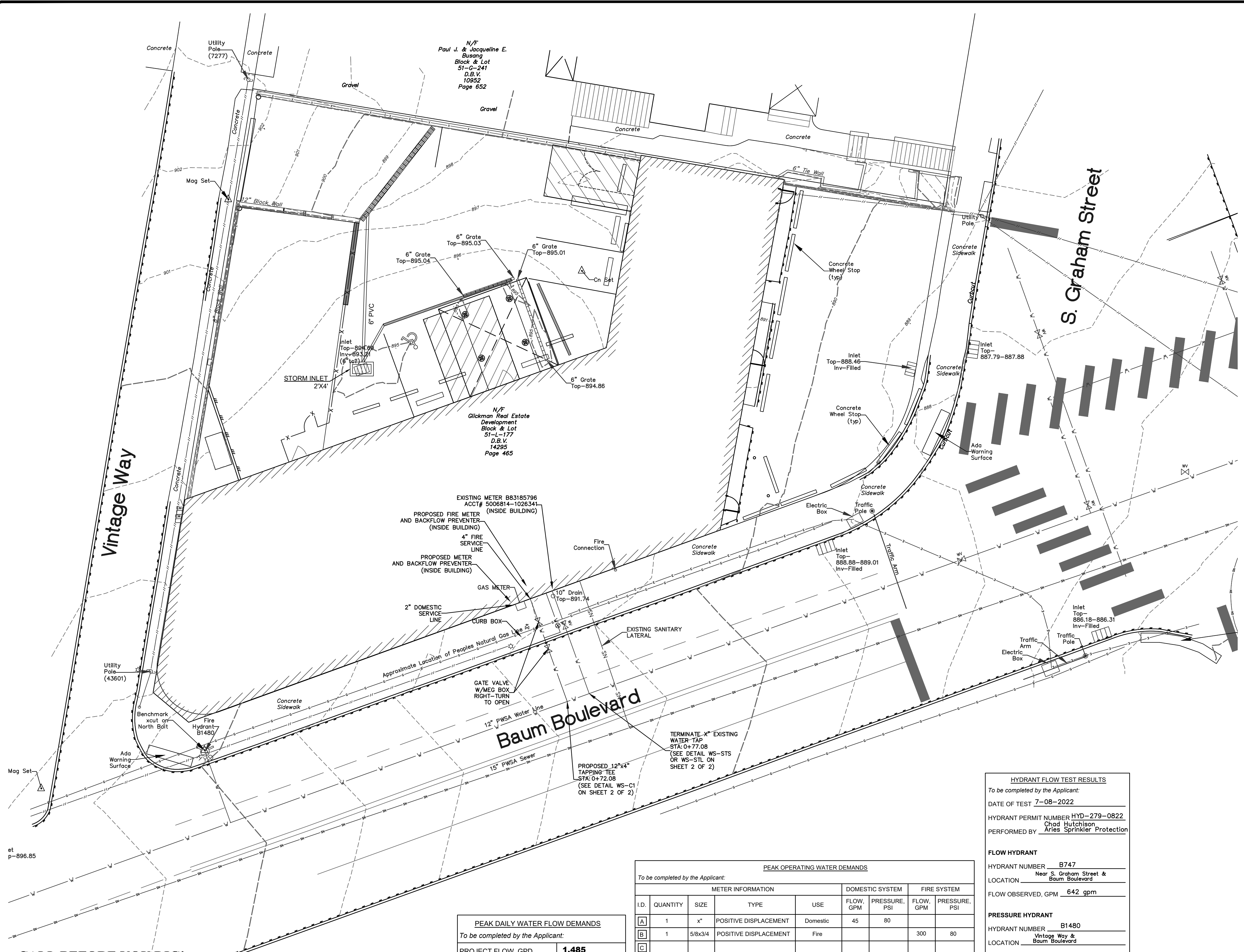


PROJECT TITLE:
**TENDER CARE LEARNING CENTER
LAND DEVELOPMENT PLAN
SEWAGE FACILITIES PLANNING MODULE PLAN**

CLIENT NAME & ADDRESS:
TENDER CARE LEARNING CENTERS
1570 Washington Pike, Bridgeville, PA 15017

PROJECT LOCATION:
CITY OF PITTSBURGH
ALLEGHENY COUNTY, PENNSYLVANIA

DRAWN BY: TLT	CHECKED BY: CMS
CAD FILE: 14055_SFFM	
HORIZ. SCALE: 1"=10'	VERT. SCALE: 1"=10'
SHEET: 1 OF	
SFFM	
PROJECT #: 14055	



HYDRANT FLOW TEST RESULTS

To be completed by the Applicant:
DATE OF TEST **7-08-2022**
HYDRANT PERMIT NUMBER **HYD-279-0822**
PERFORMED BY **Chad Hutchison
Aries Sprinkler Protection**

FLOW HYDRANT
HYDRANT NUMBER **B747**
LOCATION **Near S. Graham Street & Baum Boulevard**
FLOW OBSERVED, GPM **642 gpm**

PRESSURE HYDRANT
HYDRANT NUMBER **B1480**
LOCATION **Vintage Way & Baum Boulevard**
STATIC PRESSURE, PSI **75 psi**
RESIDUAL PRESSURE, PSI **71 psi**

CALCULATIONS
PROJECTED FLOW AT 20 PSI, GPM _____

PEAK OPERATING WATER DEMANDS

To be completed by the Applicant:

I.D.	QUANTITY	SIZE	TYPE	USE	DOMESTIC SYSTEM		FIRE SYSTEM	
					FLOW, GPM	PRESSURE, PSI	FLOW, GPM	PRESSURE, PSI
A	1	x"	POSITIVE DISPLACEMENT	Domestic	45	80		
B	1	5/8x3/4	POSITIVE DISPLACEMENT	Fire			300	80
C								
D								
E								

METER SIZE: 1/2", 3/4", 1", 1 1/2", 2", 3", 4", 6", 8", 10", 12", 16"
METER TYPE: POSITIVE DISPLACEMENT, COMPOUND, ELECTROMAGNETIC, ULTRASONIC, TURBINE
METER USE: DOMESTIC, FIRE, COMBINATION

PEAK DAILY WATER FLOW DEMANDS

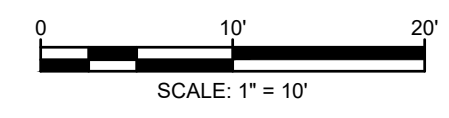
To be completed by the Applicant:

PROJECT FLOW, GPD	1,485
EXISTING FLOW, GPD	190
NET FLOW, GPD	1,295
DEP SFFM APPROVAL DATE (if required)	-

CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES
**3 WORKING DAYS NOTICE FOR
CONSTRUCTION PHASE AND 10 WORKING
DAYS IN DESIGN STAGE - STOP CALL**

P.A.I. SYSTEM INC.
P.O.C.S. SERIAL NUMBER
20222582267

1-800-242-1776



Z:\PROJECTS\14000_0001\1405504_Dwg\03_Production\14055_SFFM.dwg, SFFM.dwg, SFFM, 3/22/2023 1:41 PM, Thomas Taylor

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
APPENDICES**

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
APPENDIX A: AVAILABILITY OF WATER SUPPLY**



12/23/2022

Thomas Taylor
Hampton Technical Associates, Inc.
35 Wilson St, Pittsburgh PA 15223-1719

RE: Water and Sewer Availability
5425 Baum Blvd, Pittsburgh PA 15232-1201

Dear Thomas Taylor

In response to your inquiry concerning water and sewer availability for the area referenced above, please be advised that water and sewer service will be provided in accordance with the policies and procedures of the Pittsburgh Water and Sewer Authority as described below:

Water service available: Yes

Sewer service available: Yes

6" S. Graham Street
12" Baum Blvd

15" Baum Blvd
15" S. Graham Street

We wish to advise you that, if it is your desire to tap our water and sewer mains for service, your plans must be approved through a development permit application in accordance with the PWSA Developer's Manual.

Please note that the Authority in no way guarantees that the available lines have the capacity or pressure adequate for your project's needs. It is the responsibility of the project developer, design consultant, and/or architects to determine, at their expense, the adequacy of the existing water system to fulfill their needs.

If you have any questions, please feel free to contact me at (412) 255-8800 x 8030. Thank you.

Sincerely,

A handwritten signature in black ink that reads 'Wendy M. Dean'.

Wendy M. Dean
Engineering Tech II

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
APPENDIX B: SEWAGE AVAILABILITY OF CAPACITY & ALLOCATION**



April 17, 2023

Members of the Board

Sylvia C. Wilson
Chair Person

Shannah Tharp-Gilliam, Ph.D.
Harry Readshaw
Emily Kinkead
Paul Klein
Theresa Kail-Smith
Darrin Kelly

Arletta Scott Williams
Executive Director

Douglas A. Jackson, P.E.
*Director
Operations & Maintenance*

Michelle M. Buys, P.E.
*Director
Environmental Compliance*

Kimberly N. Kennedy, P.E.
*Director
Engineering & Construction*

Karen Fantoni, CPA, CGMA
*Director
Finance*

Michael Lichte, P.E.
*Director
Regional Conveyance*

Jeanne K. Clark
*Director
Governmental Affairs*

Joseph Vallarian
*Director
Communications*

Julie Motley-Williams
*Director
Administration*

Phil Cole
*Chief Information Officer
Information Technology*

Mr. Thomas Taylor
Hampton Technical Associates
35 Wilson Street
Pittsburgh, PA 15223

**Re: Tender Care Learning Center – 5425 Baum Blvd
City of Pittsburgh – 8th Ward
PA DEP Sewage Facilities Planning Module
ALCOSAN Point of Connection A-22**

Dear Mr. Taylor,

We have reviewed the Component 3 Planning Module for the referenced project to be located in Borough of Etna. The project will generate peak flows of 1,295 gpd in the ALCOSAN Allegheny River Interceptor and Woods Run Treatment Plant.

The capacity at the ALCOSAN A-22 structure is approximately 31.2 MGD. The previously monitored peak dry weather flows are 10.8 MGD. Dry weather capacity exists for this connection. However, the ALCOSAN Allegheny River Interceptor and the Woods Run Treatment Plant do not have the capacity for the flows generated by tributary communities during wet weather periods. This limitation will be addressed as ALCOSAN implements its Clean Water Plan.

ALCOSAN requests that this letter be made part of the planning module submission. The signed Component 3 Planning Module is attached. The sewers in this project are to be designed as separated sanitary and storm sewers. If you have any questions regarding this matter, please contact me at 412-732-8053.

Sincerely,

ALLEGHENY COUNTY SANITARY AUTHORITY

Shawn P. McWilliams, EIT
Project Engineer

Attachment

cc: Christina Dean (w/o attachment)
Dan Thornton (w/o attachment)
Michael Lichte (w/o attachment)

Robert Herring/ PWSA (w/o attachment)
Mahbuba Iasmin/ PADEP (w/o attachment)
Gina Caligiri/ ACHD (w/o attachment)

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
APPENDIX C: PROJECT NARRATIVE**



Corporate Office
35 Wilson Street -- #201 ★ Pittsburgh, PA 15223
Phone: (412) 781-9660 ★ Fax: (412) 781-5904

Mars Office
123 Ridge Road Suite B ★ Valencia, PA 16059
Phone: (724) 625-4544 ★ Fax: (724) 625-4549

email@hampton-tech.com
www.hampton-tech.com

Project Narrative: **5425 Baum Boulevard**

City of Pittsburgh, Pennsylvania, 8th Ward

General

Tender Care Learning Center is proposing to convert an existing office building into a day care center for children. The following is a synopsis of the water and sewer tapping anticipated for the project.

Existing Use

The project site consists of 1 lot encompassing 0.3341 acres with 1 office building and small paved parking area.

Proposed Use

Tender Care Learning Centers proposes to renovate the office building into a day care center with several classrooms for designated age groups. The rear parking lot will be resurfaced and new drains will replace old ones for safety.

Anticipated Water Consumption, Sanitary and Storm Sewer Flows

Domestic water will be provided to the renovated building via a proposed 4" tap into the existing 12" main located in Baum Boulevard. The lateral will split at the curb to provide 2" Domestic and 4" Fire service into the meter set inside the building as shown in PWSA Detail WS-C1.

All of the existing water laterals will be properly terminated for the construction of the renovations.

All sanitary and storm sewer flows will use the existing tap into the existing PWSA 15" combined sewer main in Baum Boulevard. A detailed flow calculation for sanitary and for storm has been provided in a separate document attached to this application. The proposed use has an anticipated water and sewer consumption of 1,295 gpd NET and a proposed stormwater runoff of 1.453 cfs. All sewage will travel by gravity within the A-22-OF sewershed to the Allegheny Interceptor where it will be conveyed to the ALCOSAN Wood's Run Water Treatment Plant.

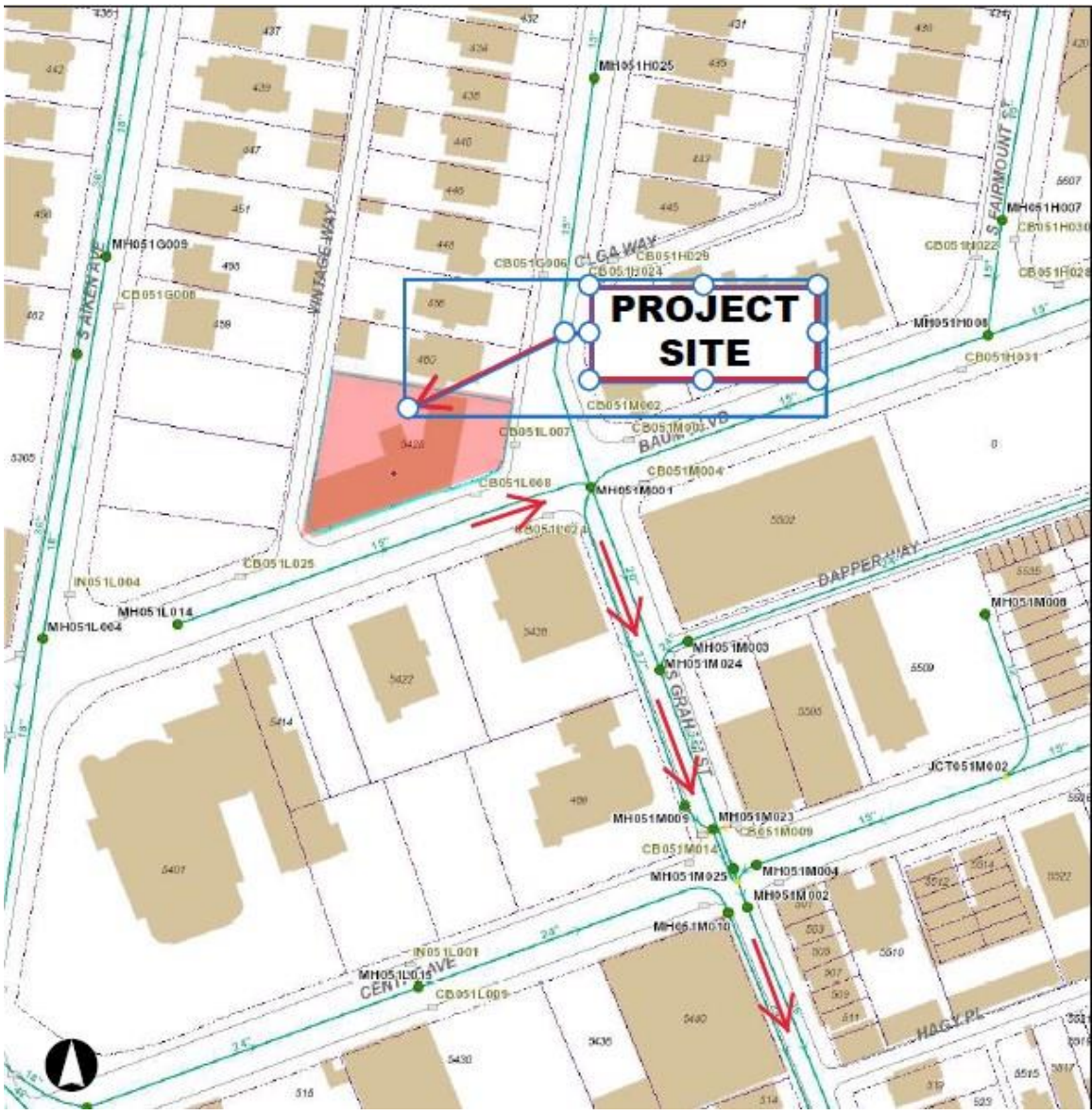
Please see the attached flow calculations for further details of the water and sewer consumption of the existing use in comparison to the proposed use.



USGS 7.5 Minute

Pittsburgh East

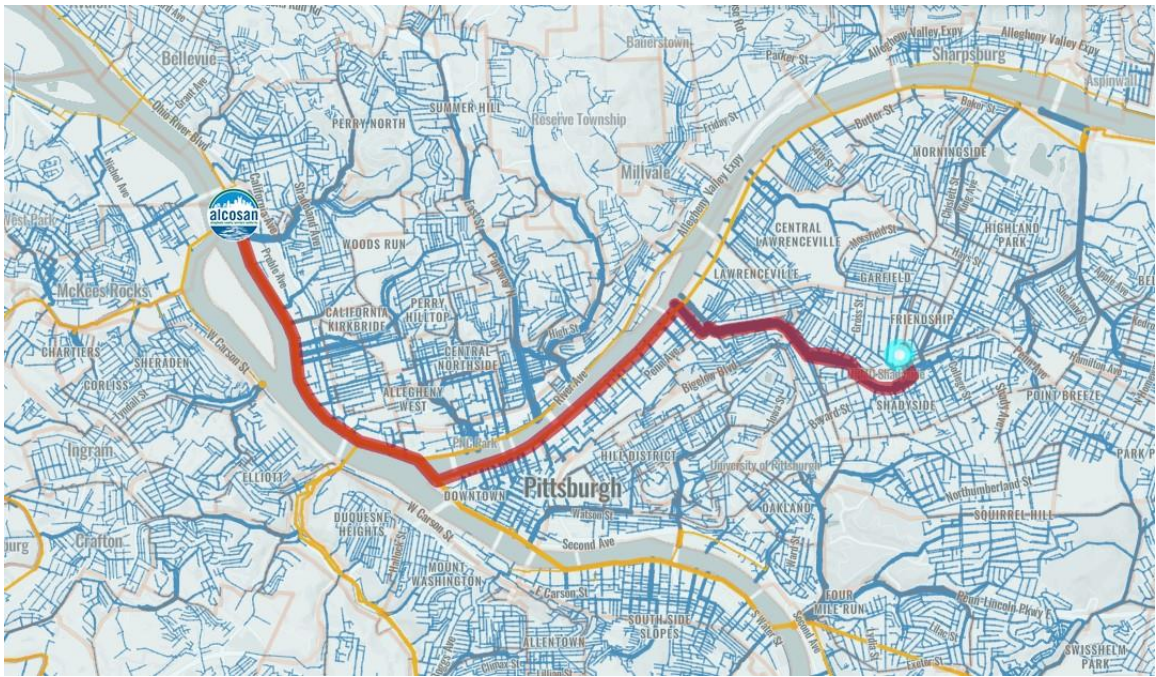
N.T.S.



PWSA SEWER MAP

City of Pittsburgh (Oakland)

SCALE: N.T.S



ALCOSAN MAP

City of Pittsburgh (Oakland)

SCALE: N.T.S.

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
APPENDIX D: PROPOSED WASTEWATER DISPOSAL FACILITIES**

Appendix D
Proposed Wastewater Disposal Facilities

1. Collection System
The proposed project will flow to an existing public waste water treatment facility. The collection system is a gravity sewer line.
2. Wastewater Treatment Facility
The proposed project will be serviced by the existing public waste water treatment facility operated by ALCOSAN.
3. Social Economic Justification
The proposed project does not involve a discharge of treated effluent.
4. Plot Plan
The entire property consists of approximately 0.1639 acres, zoned Urban Industrial. The existing property is located in an urban setting. There is one existing buildings located on the site. The warehouse building is being converted into 20 commercial kitchens.

Drawing SFPM provides a plot plan and addresses the requested information (as outlined in the Instructions for Completing Component 3 – Sewage Collection and Treatment Facilities) as summarized in Table D-1.
5. Wetland Protection
There are no wetlands on the subject property.
6. Prime Agricultural Land Protection
The project site is not primary farmland. The issue has been addressed with the city.
7. Historic Preservation Act
A Cultural Resources Notice was not submitted to the PHMC since the project earth disturbance is not over 10 acres. The total earth disturbance for this project is less than 1 acre.

TABLE D-1

**TENDER CARE LEARNING CENTER
SEWAGE FACILITIES PLANNING MODULE**

PLOT PLAN

Information Requested	Plot Plan
a. Existing and proposed buildings	There is one warehouse building built to the lot lines. The existing building will be renovated into 20 commercial kitchens shown on Drawing SFPM.
b. Lot lines and lot sizes	Drawing SFPM shows the overall view of the property
c. Adjacent lots	Drawing SFPM shows adjacent properties.
d. Remainder of tract	Drawing SFPM shows the entire property.
e. Existing/proposed sewage facilities	The proposed collection systems are identified on Drawing SFPM.
f. Tap-in or extension to point of connection of existing collection system	Tap-in's to the existing sewer as shown on Drawing SFPM.
g. Existing and proposed water supplies	The existing & proposed water system is shown on Drawing SFPM.
h. Existing/proposed right-of-way	The rights-of-way have been depicted on Drawing SFPM.
i. Existing/proposed buildings, streets, roadways, access roads, etc.	Drawing SFPM shows listed items.
j. Designated recreational/open area	No recreational area / No Open Space is proposed within the development.
k. Wetlands	There are no wetlands on the property.
l. Flood plains/flood prone areas/floodways	Zone X
m. Prime Agricultural Land	No
n. Other Facilities	Not Applicable.
o. Orientation to North	Shown on Drawing SFPM.
p. Location of all site Testing Activities	Not Applicable.
q. Soil Type Boundaries	Shown on Drawing SFPM.
r. Topographic lines/elevations	Shown on Drawing SFPM.

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
APPENDIX E: CULTURAL RESOURCE NOTICE**

Tender Care Learning Center
8th Ward City of Pittsburgh, Allegheny County, Pennsylvania
Sewage Facilities Planning Module
Appendix E: Cultural Resource Notice

Appendix E
Cultural Resource Notice

A Cultural Resources Notice was not submitted to the PHMC since the project earth disturbance is less than 10 acres. The total earth disturbance for this project is less than 1 acre.

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
APPENDIX F: ALTERNATIVE SEWAGE FACILITIES ANALYSIS**

Appendix F
Alternative Sewage Facilities Analysis

There are two options for providing sewage services to the existing building at 5425 Baum Boulevard. Option 1 is to reuse the existing tap on the existing 15" PWSA public collection system that runs in Baum Boulevard upstream of manhole MH051M001. The Pittsburgh Water and Sewer Authority (PWSA) owns and operates the line. PWSA has been consulted about providing sewage services to the project (Option 1) and this is their preferred option. Option 2 would be to construct an on-lot system within the development area. Some concerns with option 2 are that the area required to construct these facilities are not ideal for urbanized areas as they require a relatively large footprint. The project would not be economical viable with this option. Sewerage would be conveyed to both options via lateral from the building.

1. The chosen disposal method is Option 1, an ultimate method, and that is to reuse an existing 6" tap to an existing 15" combination sewer line. The net flow for the proposed development is 1,295 gpd (3.23 EDU's).
2. The surrounding properties are zoned for commercial and are fully developed. They are serviced by Municipal Collection – Pittsburgh Water and Sewer Authority. Regional Conveyance and Treatment – Allegheny County Sanitary Authority (ALCOSAN)
3. The PWSA is in the process of completing local as well as regional and multi-municipal feasibility studies. At this time there is no indication that there would be public/private projects proposed. The PWSA has capacity to service the land uses.
4. The approved method of sewage disposal in the City of Pittsburgh's official Sewage Facilities Plan is public sewers.
5. There are no existing sewage management programs in the area.
6. The chosen method of tapping into an existing 18-inch combination collection system to serve the development would serve the short and long-term needs because it can convey the required 1,295 GPD (3.23 EDU's) to meet the full development of the site.

Option 2 was not chosen because on-lot sewerage is not recommended in urban areas.

Using the current sewage flow estimates would result in an on-site system that may cover substantial amounts of land. The topography and urban nature of the surrounding area limit potential area that can support this method. This system is impractical to build and operate successfully over time and has been discounted in the evaluation.

1.
 - a. An area of concern for picking the preferred disposal method was the need to avoid unnecessary earth disturbance and avoid methods that would have long-term maintenance concerns that could degrade the environment
 - b. The topography and soils will not work for subsurface absorption system and the flow is too large.

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
APPENDIX G: PNHP / PNDI CORRESPONDENCE**

1. PROJECT INFORMATION

Project Name: **Tender Care Learning Center**

Date of Review: **3/7/2023 11:54:41 AM**

Project Category: **Development, Additions/maintenance to existing development facilities**

Project Area: **0.61 acres**

County(s): **Allegheny**

Township/Municipality(s): **PITTSBURGH**

ZIP Code:

Quadrangle Name(s): **PITTSBURGH EAST**

Watersheds HUC 8: **Lower Allegheny**

Watersheds HUC 12: **Allegheny River-Ohio River**

Decimal Degrees: **40.457441, -79.937445**

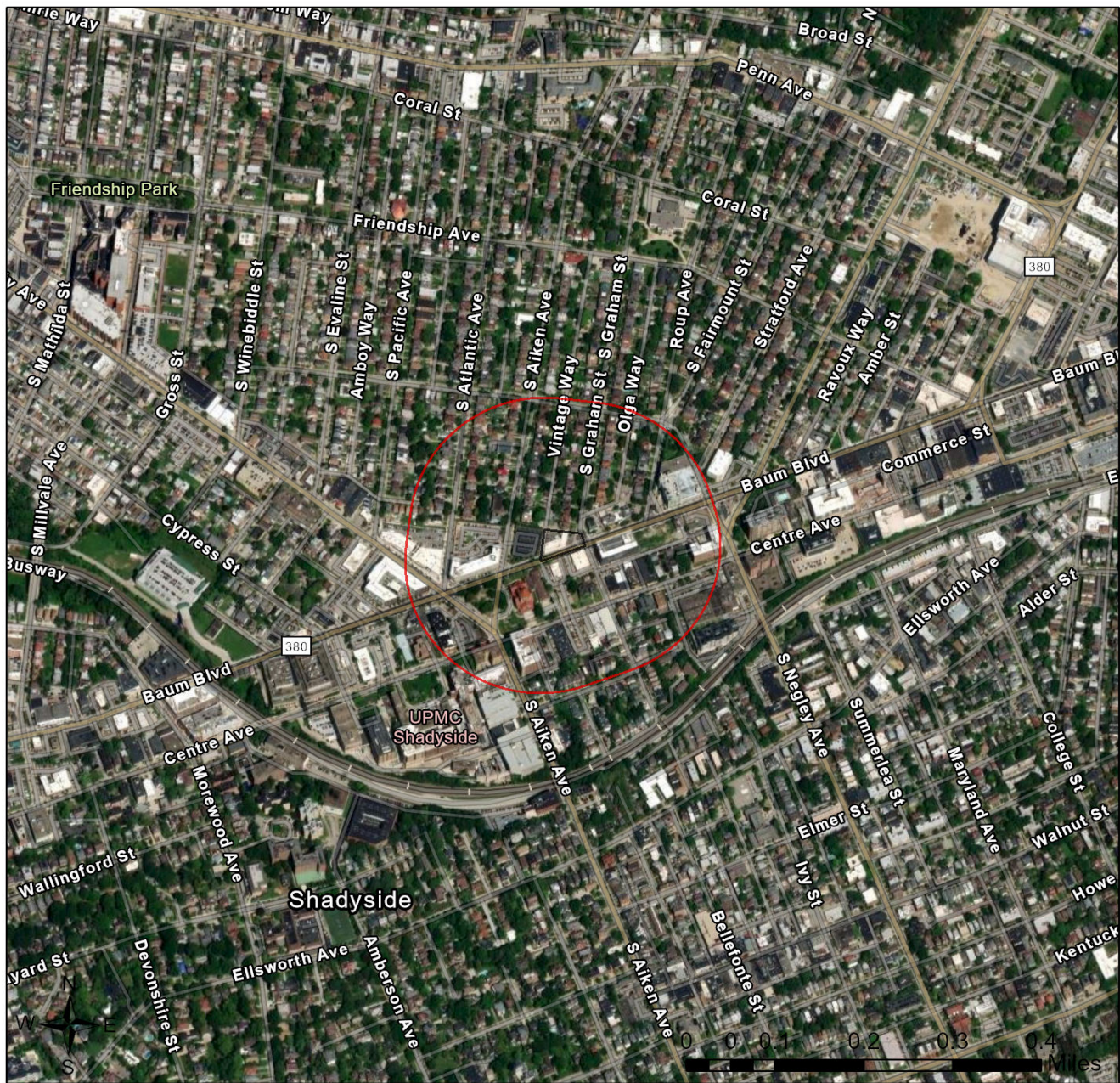
Degrees Minutes Seconds: **40° 27' 26.7859" N, 79° 56' 14.8009" W**



2. SEARCH RESULTS

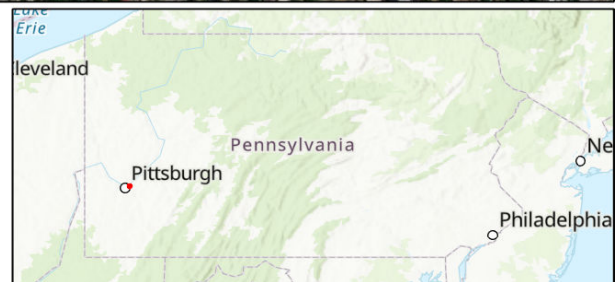
Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

Tender Care Learning Center

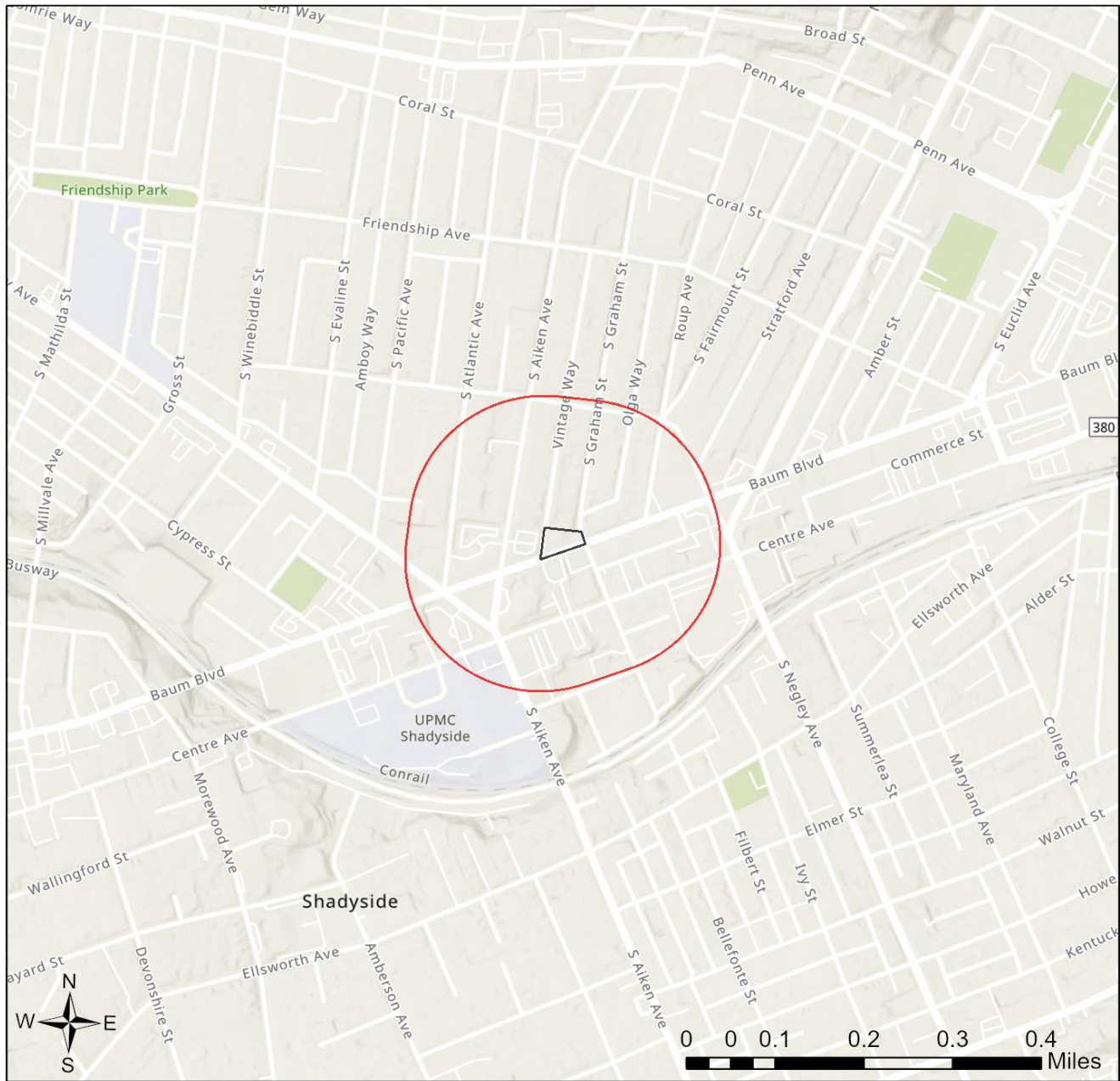




-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Tender Care Learning Center



-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

U.S. Fish and Wildlife Service

RESPONSE:

No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq. is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17105-8552
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Game Commission

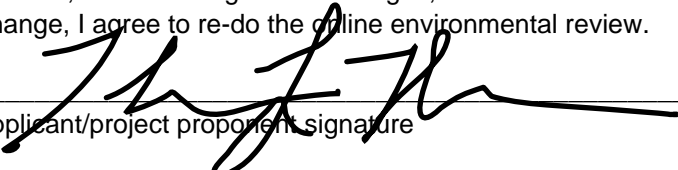
Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Thomas Taylor
Company/Business Name: Hampton Technical Associates, Inc.
Address: 35 Wilson Street
City, State, Zip: Pittsburgh, PA 15223
Phone: (412) 781-9660 Fax: ()
Email: thomast@hampton-tech.net

8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.


applicant/project proponent signature

3-07-2023
date

**SEWAGE FACILITIES PLANNING MODULE
TENDER CARE LEARNING CENTER
APPENDIX H: PUBLIC NOTICE**

Appendix H
Public Notice

Public notice was not filed because the necessary thresholds were not met in Component 3 – sewage collection and treatment facilities Section P “Public Notification Requirement”. All questions were answered no therefore a public notice is not required.