



GATEWAY

On Call. On Time. On Target.

C-41435-0002

August 2023

**Hudson Smallman, LP
2929 Smallman Street**

2929 Smallman Street
City of Pittsburgh
Allegheny County, PA

PREPARED FOR

Jonathan Hudson
Hudson Smallman, LP
2450 Shenango Valley Fwy
Hermitage, PA 15213

SUBMITTED BY

Warren K. Adams, E.I.T.
The Gateway Engineers, Inc.
100 McMorris Road
Pittsburgh, PA 15205
412.921.4030 PHONE
412.921.9960 FAX
www.gatewayengineers.com
wadams@gatewayengineers.com

SEWAGE FACILITIES PLANNING MODULE



A FULL-SERVICE CIVIL ENGINEERING FIRM

EXHIBITS

- EXHIBIT A. Sewage Facilities Planning Module – Component 3 – Sewage Collection and Treatment Facilities
- EXHIBIT B. PWSA Water and Sewer Availability Letter
- EXHIBIT C. Project Narrative
- EXHIBIT D. U.S.G.S. Site Location Map
- EXHIBIT E. Sewage Flow Calculations
- EXHIBIT F. Existing Flow Calculations (Signed and Sealed)
- EXHIBIT G. Alternatives Analysis
- EXHIBIT H. Sewage Facilities Planning Module – Component 4A – Municipal Planning Agency Review
- EXHIBIT I. Sewage Facilities Planning Module – Component 4C – County of Joint Health Department Review
- EXHIBIT J. Plot Plan
- EXHIBIT K. PNDI

EXHIBIT A.

**Sewage Facilities Planning Module – Component 3 – Sewage Collection
and Treatment Facilities**



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 #
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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 2929 Smallman Street

2. Brief Project Description The proposed development is construction of a 144-unit apartment building. This includes one (1) level of at-grade parking and one (1) level of parking below grade. The ground floor houses the lobby and floors two through nine will have apartments ranging from studio apartments to 2-bed/2-bath units. There will be 33,500 sf of parking; 156,000 sf of apartments; a 3,300 sf third floor outdoor Event Patio, a 2,000 sf Fitness Center, and a 2,000 sf Lounge as part of the common area amenities; and utilities/stormwater facilities/amenities for residential development.

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

Municipality Name	County	City	Boro	Twp
City of Pittsburgh, 6 th Ward	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Prendergast	Kyla			Senior Environmental Planner
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
Department of City Planning	200 Ross Street, 4 th Floor			
Address Last Line -- City	State	ZIP+4		
Pittsburgh	PA	15219		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-2516		kyla.prendergast@pittsburghpa.gov		

C. SITE INFORMATION (See Section C of instructions)**Site (Land Development or Project) Name**

2929 Smallman Street

Site Location Line 1

2929 Smallman Street

Site Location Line 2

Site Location Last Line -- City

Pittsburgh

State

PA

ZIP+4

15201

Latitude

40.459160

Longitude

-79.974720

Detailed Written Directions to Site From downtown Pittsburgh, head southeast toward Wood St. Turn left at the 1st cross street onto Wood St. Turn right onto Liberty Ave. Use the left 2 lanes to turn left and stay on Liberty Ave. Turn left onto 29th St. and right onto Spruce Way. The destination will be on the right.

Description of Site The site presently has the former Gateway Paint and Chemical Co. building, bituminous pavement, and concrete sidewalk.

Site Contact (Developer/Owner)

Last Name

First Name

MI

Suffix

Phone

Ext.

Hudson

Jonathan

724-981-1204

106

Site Contact Title

Site Contact Firm (if none, leave blank)

Hudson Smallman, LP

FAX

Email

Mailing Address Line 1

Mailing Address Line 2

2450 Shenango Valley Freeway

Mailing Address Last Line -- City

Hermitage

State

PA

ZIP+4

16148

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

Last Name

First Name

MI

Suffix

Donnelly

Sean

M

P.E.

Title

Consulting Firm Name

Project Manager

The Gateway Engineers, Inc.

Mailing Address Line 1

Mailing Address Line 2

100 McMorris Rd

Address Last Line -- City

State

PA

ZIP+4

15205-9401

Country

USA

Pittsburgh

Email

Area Code + Phone

Ext.

Area Code + FAX

sdonnelly@gatewayengineers.com

412-921-4030

146

412-921-9960

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 (PWSA)

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.



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

Code No.

30th

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 #
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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 6 30th Street

2. Brief Project Description The proposed development is construction of a 165-unit apartment building. This includes one (1) level of at-grade parking and one (1) level of parking below grade. The ground floor houses the lobby and floors two through nine will have apartments ranging from studio apartments to 2-bed/2-bath units. There will be 44,200 sf of parking, 198,000 sf of apartments, a 3,360 sf third floor outdoor Event Patio as part of the common area amenities, and utilities, stormwater facilities, & other related amenities necessary for residential development.

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

Municipality Name	County	City	Boro	Twp
City of Pittsburgh, 6 th Ward	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Prendergast	Kyla			Senior Environmental Planner
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
Department of City Planning	200 Ross Street, 4 th Floor			
Address Last Line -- City	State	ZIP+4		
Pittsburgh	PA	15219		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-2516		kyla.prendergast@pittsburghpa.gov		

C. SITE INFORMATION (See Section C of instructions)**Site (Land Development or Project) Name**6 30th Street

Site Location Line 1

6 30th Street

Site Location Line 2

Site Location Last Line -- City

Pittsburgh

State

PA

ZIP+4

15201

Latitude

40.459670

Longitude

-79.974640

Detailed Written Directions to Site From downtown Pittsburgh, head southeast toward Wood St. Turn left at the 1st cross street onto Wood St. Turn right onto Liberty Ave. Use the left 2 lanes to turn left and stay on Liberty Ave. Turn left onto 29th St. and right onto Spruce Way. The destination will be on the left.

Description of Site The site presently has a building coded for heavy manufacturing and concrete sidewalk.

Site Contact (Developer/Owner)

Last Name

Hudson

First Name

Jonathan

MI

Suffix

Phone

724-981-1204

Ext.

106

Site Contact Title

Site Contact Firm (if none, leave blank)

Hudson Railroad, LP

FAX

Email

Mailing Address Line 1

2450 Shenango Valley Freeway

Mailing Address Line 2

Mailing Address Last Line -- City

Hermitage

State

PA

ZIP+4

16148

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

Last Name

Donnelly

First Name

Sean

MI

M

Suffix

P.E.

Title

Consulting Firm Name

Project Manager

The Gateway Engineers, Inc.

Mailing Address Line 1

100 McMorris Rd

Mailing Address Line 2

Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

15205-9401

Country

USA

Email

sdonnelly@gatewayengineers.com

Area Code + Phone

412-921-4030

Ext.

146

Area Code + FAX

412-921-9960

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 (PWSA)

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 102

Connections 4

Name of:

existing collection or conveyance system _____

owner The Pittsburgh Water and Sewer Authority

existing interceptor _____

owner 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

NPDES Permit Number for existing facility _____

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude _____ Longitude _____

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
(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 Steven Bristol, EIT

Agent Signature Steven Bristol Date 6/22/23

(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. | j. Any designated recreational or open space area. |
| b. Lot lines and lot sizes. | k. Wetlands - from National Wetland Inventory Mapping and USGS Hydric Soils Mapping. |
| c. Adjacent lots. | l. Flood plains or Flood prone areas, floodways, (Federal Flood Insurance Mapping) |
| d. Remainder of tract. | m. Prime Agricultural Land. |
| 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. | n. Any other facilities (pipelines, power lines, etc.) |
| f. Show tap-in or extension to the point of connection to existing collection system (if applicable). | o. Orientation to north. |
| g. Existing and proposed water supplies and surface water (wells, springs, ponds, streams, etc.) | p. Locations of all site testing activities (soil profile test pits, slope measurements, permeability test sites, background sampling, etc. (if applicable). |
| h. Existing and proposed rights-of-way. | q. Soils types and boundaries when a land based system is proposed. |
| i. Existing and proposed buildings, streets, roadways, access roads, etc. | 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 40,785 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	45408400	158930000	132000	2295000	700740	2452600
Conveyance		<u>4,010,000</u>	<u>66,000</u>	<u>69,000</u>	<u>150,000</u>	<u>158,000</u>
Treatment		<u>250,000,000</u>	<u>194,200,000</u>	<u>250,000,000</u>	<u>248,800,000</u>	<u>295,000,000</u>

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 Date 5/30/2023

Robert Herring
2023.05.30 15:56:50
-04'00'

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

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Steven Bristol, EIT

Agent Signature Steven Bristol

Date 6/22/23

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

- 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 Steven Bristol, EIT

Agent Signature Steven Bristol

Date 6/22/23

☐ **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 sponser), 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.

Sean M. Donnelly, P.E.

Name (Print)

Signature

Project Manager

05-04-2023

Date

Title

100 McMorris Road, Pittsburgh, PA 15205

412-921-4030

Telephone Number

Address

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 \$ 5,100 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.

$$\#102 \quad \text{Lots (or EDUs)} \times \$50.00 = \$5,100$$

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:

$$\# \quad \text{Lots (or EDUs)} \times \$35.00 = \$$$

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)



June 22, 2023

Warren K. Adams, E.I.T.
The Gateway Engineers, Inc.
100 McMorris Road
Pittsburgh, PA 15205

Members of the Board

Sylvia C. Wilson
Chair Person

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

Re: 2929 Smallman St. & 6 30th St. Project
6th Ward City of Pittsburgh, Allegheny County, Pennsylvania
PA DEP Sewage Facilities Planning Module
ALCOSAN Direct Connection A-20

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

Julie Motley-Williams
Director
Administration

Dear Mr. Adams:

We have reviewed the Component 3 Planning Module for the referenced project to be located at 2929 Smallman St. & 6 30th St. in the 9th Ward of the City of Pittsburgh, Allegheny County. The project will generate a peak flow of 40,785 gpd in the ALCOSAN Allegheny Interceptor and Woods Run Treatment Plant.

The capacity of the ALCOSAN A-20 Regulator Structure is approximately 4.01 MGD. The monitored peak dry weather flow is approximately 0.0690 MGD. Dry weather capacity exists for this connection. However, the ALCOSAN Allegheny Interceptor does 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 has completed and signed the sections required in the Component 3 module and requests that this letter be made part of the planning module submission. If you have any questions regarding this matter, please contact me at 412-742-1530.

Sincerely,

ALLEGHENY COUNTY SANITARY AUTHORITY

Steven Bristol, E.I.T.
Project Engineer I

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 Caliguri/ ACHD (w/o attachment)

EXHIBIT B.

PWSA Water and Sewer Availability Letter

11/03/2022

Sean Donnelly
The Gateway Engineers, Inc.
100 McMorris Rd, Pittsburgh PA 15205-9445

RE: Water and Sewer Availability
2929 Smallman St, Pittsburgh PA 15201-1522

Dear Sean Donnelly

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

8" Smallman Street
4" Spruce Way

15" Spruce Way

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,



Wendy M. Dean
Engineering Tech II

EXHIBIT C.

Project Narrative

Project Narrative

2929 Smallman Street & 6 30th Street 6th Ward, City of Pittsburgh

The projects at 2929 Smallman Street and 6 30th Street, owned by Hudson Smallman and Hudson Railroad, respectively, involve the construction of a 144-unit apartment building on Smallman Street and a 165-unit apartment building on 30th Street.

The building on Smallman Street will include one (1) level of at-grade parking and one (1) level of parking below grade. The ground floor houses the lobby and floors two through nine will have apartments ranging from studio apartments to 2-bed/2-bath units. There will be 3rd floor outdoor Event Patio, a 2,000 sf Fitness Center, and a lounge as part of the common area amenities, and utilities/stormwater facilities/amenities for residential development.

Similarly, the building on 30th Street will include one (1) level of at-grade parking and one (1) level of parking below grade. The ground floor houses the lobby and floors two through nine will have apartments ranging from studio apartments to 2-bed/2-bath units. There will be a 3rd floor outdoor Event Patio as part of the common area amenities, and utilities, stormwater facilities, & other related amenities necessary for residential development. These areas are primarily intended for resident and employee use.

The Smallman site currently contains the Gateway Paint and Chemical Co. building, pavement for parking, and concrete sidewalk, all of which will be demolished for the project. The 30th site currently contains a building which has been coded for heavy manufacturing use but which will also be demolished for this project. The project site consists of two parcels (25-F-184 and 25-F-110) and the extent of project disturbance totals 1.5 acres.

For the proposed floor plans, peak flows provided in Table 2-1 of PWSA's Developers Manual were used to determine the proposed peak sewage flow/water consumption. The proposed development flow estimate adds up to a total flow of 40,785 GPD or 102 EDUs. This total flow is split between the two projects:

40,785 is the sum of 17,875 GPD and 22,910 GPD for Smallman and 30th, respectively. Refer to the enclosed calculation sheets for details regarding the breakdown of the peak sewage flow/water consumption estimates.

The proposed storm and sanitary connections will be separate and will wye together five feet from the PWSA-owned sewer. The net flow of the entire project will be split between the two projects. The proposed sanitary and storm laterals of each apartment building will tie into the existing PWSA owned 15" combination gravity sewers along **Spruce Way**. The sewers connect into the Allegheny River Interceptor (A-20) Sewer and then to ALCOSAN's treatment plant, where it receives final treatment.

Flow Calculation Summary

Present Flows – Flow Monitoring

One month of flow monitoring was completed by Drnach Environmental in manhole MH025G009 to determine the existing average and peak flows present in the sewer of interest. Flow monitoring began on March 17th, 2023 and ended on April 15th, 2023. **Analysis of the received data reports an existing average flow of 0.132 MGD, and an instantaneous peak flow of 2.295 MGD.**

Design Capacity

The existing sewers' average and peak hydraulic capacities were calculated using the flow monitoring data and information from the 3RWW Sewer Atlas. The slope of the sewer of interest was determined using the invert elevations from 3RWW for the monitored manhole (MH025G009) and the next upstream manhole, and MH025G028. The sewer was analyzed under full flow conditions, and a peaking factor of 3.5 (combined sewer) was applied to obtain the peak hydraulic capacities, per the PWSA Developer's Manual. **The average hydraulic capacity was calculated to be 45,409 MGD while the peak hydraulic capacity was calculated to be 158,930 MGD.**

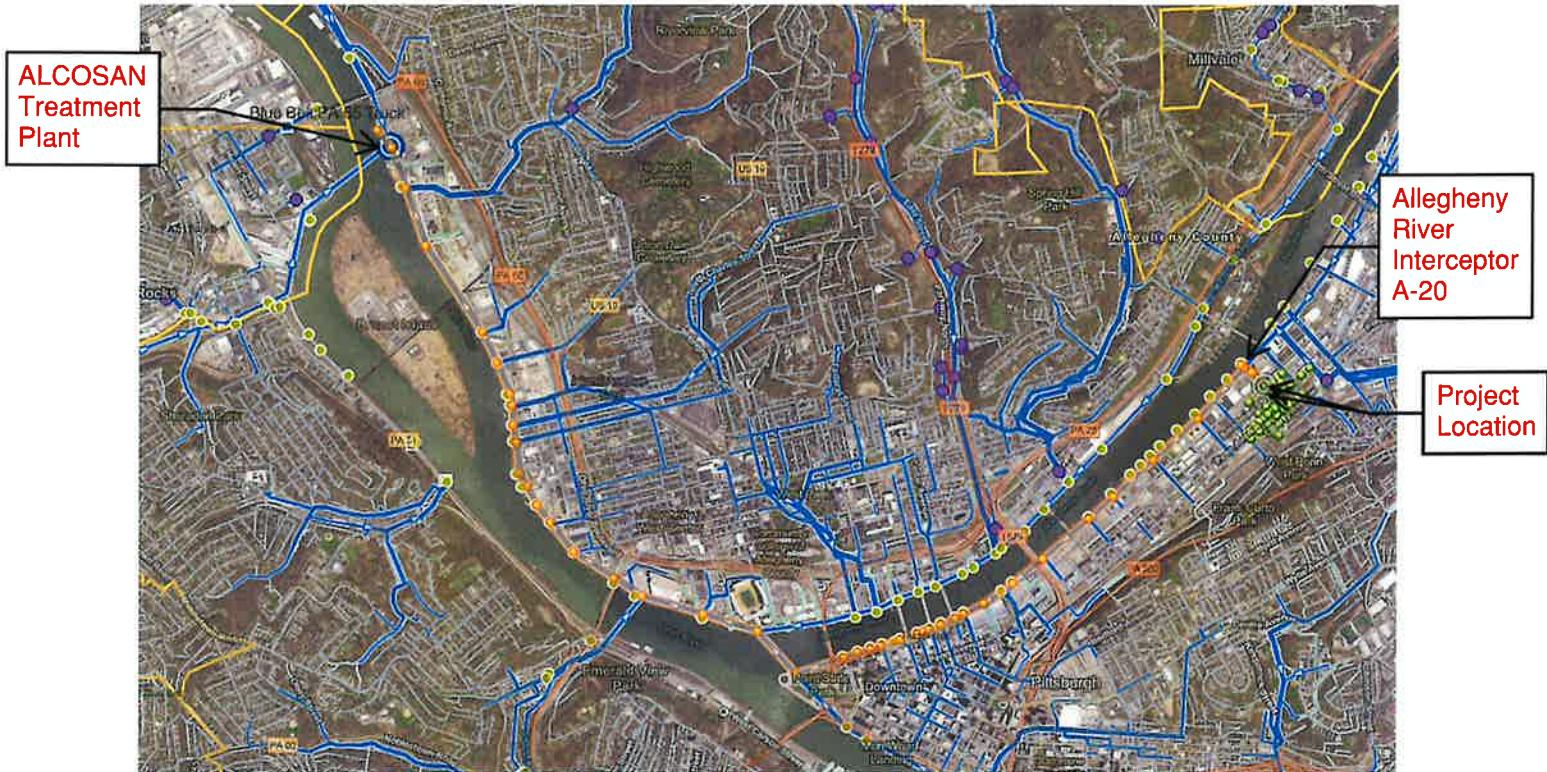
5-Year Projected Flow

Using the equations in the PWSA Developer's Manual, the project flows—17,875 GPD and 22,910 GPD—were added to the present average and peak flows to determine the projected flows in five (5) years. **The projected average flow is estimated to be 701 MGD, and the projected peak flow is estimated to be 2,453 MGD.** Since the 5-year flows are less than the calculated design capacity of the sewer, the additional flow due to the construction of apartment buildings at 2929 Smallman Street and 6 30th Street will not overload the sewer.

Sewer Flow Mapping

City Club Apartments

2929 Smallman St and 6 30th St, 4th Ward, City of Pittsburgh



Source: 3 River's Wet Weather Sewer Atlas

EXHIBIT D.

U.S.G.S. Site Location Map

EXHIBIT E.

Sewage Flow Calculations

Anticipated Sewage Flow Calculations

2929 Smallman Street, Pittsburgh, PA 15201

Parcel IDs: 25-F-184, 25-G-3

Peak Existing Flow

Existing conditions: former warehouse of "Gateway Paints and Chemical Co. Building" (per Allegheny County Real Estate Portal); previously used to manufacture paint.

Building footprint: 25,000 SF

Maximum Floor Area Allowances per occupant²: Warehouse = 500 SF
Number of employees = $[22,320 \text{ SF} / (500 \text{ SF} / \text{employee})] = 45 \text{ employees}$

Total Peak Existing Flow

Warehouse = 35 GPD/employee
 $[45 \text{ employees} \times (35 \text{ GPD/employee})] = \underline{1,575 \text{ GPD}}$

Peak Proposed Flow

Unit Summary

1st floor office space: 204 SF
Women's 2nd floor locker room: 2 toilets, 550 SF
Men's 2nd floor locker room: 2 toilets, 550 SF
2nd floor open coworking/office space: 3,485 SF
Swimming pool = 258 SF
One-bedroom apartments: 84 units
Two-bedroom apartments: 21 units

Water Use and Sanitary Flow Estimate

Water Use and Sanitary Flows from Table 1 of Section 3 within the PWSA Developer's Manual¹:

One-bedroom apartment = 150 GPD/unit
Two-bedroom apartment = 300 GPD/unit
Offices = 10 GPD/occupant

Maximum Floor Area Allowances per occupant²:

Offices = 100 SF/occupant
1st floor office area = 204 SF
2nd floor open coworking/office space: 3,485 SF
Total number of occupants = $(204 + 3,485) \text{ SF} / (100 \text{ SF/occupant}) = 37$

Swimming pool = 50 SF/occupant
Swimming pool = 258 SF
Total number of users = $(258 \text{ SF}) / (50 \text{ SF/user}) = 6$

Total Peak Proposed Flow:

$$[37 \text{ occupants} \times (10 \text{ GPD/occupant})] + [6 \text{ users} \times (10 \text{ GPD/user}) \times 3 \text{ turnovers}] + \\ [84 \text{ one-bedroom units} \times (150 \text{ GPD/unit})] + [21 \text{ two-bedroom units} \times (300 \text{ GPD/unit})] = \\ \underline{19,450 \text{ GPD}}$$

Net Flow

Net Sewage Flow = Peak Proposed Flow – Peak Existing Flow

Net Sewage Flow = 19,450 GPD – 1,575 GPD

Net Sewage Flow = 17,875 GPD (45 EDUs)

Net Sewage Flow = Net Water Use ∴

Net Water Usage = 17,875 GPD (45 EDUs)

Sources:

¹ Table 1, Section 3, PWSA Developer's Manual

² Table 1004.1.2 Maximum Floor Area Allowances per Occupant, 2015 International Building Code and Commentary Vol. 1

³ Table 1004.5 of the 2018 IBC, Maximum Floor Area Allowances Per Occupant:

Swimming pool = 50 gross SF per person

Anticipated Sewage Flow Calculations

6 30th Street, Pittsburgh, PA 15201
Parcel ID: 25-F-110

Peak Proposed Flow

Unit Summary

1st floor office space: 167 SF
Clubroom: 1,115 SF
2nd floor fitness center: 820 SF
Studio apartments: 17 units
One-bedroom apartments: 100 units
Two-bedroom apartments: 8 units
Three-bedroom townhome: 4 units

Water Use and Sanitary Flow Estimate

Water Use and Sanitary Flows from Table 1 of Section 3 within the PWSA Developer's Manual¹:

Studio = 150 GPD/unit
One-bedroom apartment = 150 GPD/unit
Two-bedroom apartment = 300 GPD/unit
Three-bedroom townhome = 400 GPD/townhome

Maximum Floor Area Allowances per occupant²:

Office = 100 SF/occupant
Office area = 167 SF
Clubroom = 1,115 SF

Total number of occupants = $(167 + 1,115) \text{ SF} / 100 \text{ SF/occupant} = 13$

Fitness center = 50 SF/occupant

Fitness center = 820 SF

Total number of users = $(820 \text{ SF}) / (50 \text{ SF/user}^3) = 41$

Total Proposed Peak Flow

$[13 \text{ occupants} \times (10 \text{ GPD/occupants})] + [41 \text{ users} \times (10 \text{ GPD/user}) \times (3 \text{ turnovers})] +$
 $[17 \text{ studio units} \times (150 \text{ GPD/unit})] + [100 \text{ one-bedroom units} \times (150 \text{ GPD/unit})] +$
 $[8 \text{ two-bedroom units} \times (300 \text{ GPD/unit})] + [4 \text{ three-bedroom units} \times (400 \text{ GPD/unit})] =$
22,910 GPD

Net Flow

Net Sewage Flow = Peak Proposed Flow – Peak Existing Flow

Net Sewage Flow = 22,910 GPD – 0 GPD

Net Sewage Flow = 22,910 GPD (58 EDUs)

Net Sewage Flow = Net Water Use ∴

Net Water Usage = 22,910 GPD (58 EDUs)

Sources:

¹ Table 1, Section 3, PWSA Developer's Manual

² Table 1004.1.2 Maximum Floor Area Allowances per Occupant, 2015 International Building Code and Commentary Vol. 1

³ Table 1004.5 of the 2018 IBC, Maximum Floor Area Allowances Per Occupant:

Swimming pool = 50 gross SF per person

EXHIBIT F.

Existing Flow Calculations (Signed and Sealed)

2929 Smallman St and 6 30th St - MH025G009		
Sewage Capacity Calculations		
Pipe Diameter (per Flow Monitoring Report) =	60	in
Upstream Invert Elevation (per 3RWW Sewer Atlas) =	719.30	
Downstream Invert Elevation (per 3RWW Sewer Atlas) =	712.01	
Pipe Length (per 3RWW Sewer Atlas) =	541	ft
Slope =	1.35	%
Mannings n =	0.016	(Brick)
Design Capacity		
Sewer Type (Combined/Separate)	Combined	
Peaking Factor	3.5	
Peak Hydraulic Capacity (Using Mannings Equation full-flow)	245.9	cfs
	158,929,350	GPD
Average Hydraulic Capacity (Peak Capacity divided by Peaking Factor)	45,408,386	GPD
Present Flows - MH025G009		
Present Average Flows (Flow data, refer to "Data Analysis" spreadsheet)	0.132	MGD
	132,000	GPD
Present Peak Flows (Flow data, refer to "Data Analysis" spreadsheet)	2.295	MGD
	2,295,000	GPD
Project Flow		
Project Flow*	40,785	GPD
Projected Flows		
Projected Peak [(Present Peak Flow + Project Flow) x 1.05]	2,452,574	GPD**
Projected Average (Projected Peak Flow divided by Peaking Factor)	700,736	GPD**

*Combines proposed flow from 2929 Smallman St and 6 30th St

**Projected Flows are less than the Design Capacity

	Input
	Output



Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Wednesday, Apr 26 2023

Sewer Design Capacity - MH-025G009

Circular

Diameter (ft) = 5.00

Invert Elev (ft) = 712.01

$$\text{Slope (\%)} = 1.35$$

N-Value = 0.016

Highlighted

Depth (ft) = 5.00

$$Q \text{ (cfs)} = 245.89$$

Area (sqft) = 19.63

$$\text{Velocity (ft/s)} = 12.52$$

Wetted Perim (ft) = 15.71

Crit Depth, Y_c (ft) = 4.40

Top Width (ft) = 0.00

$$\text{EGL (ft)} = 7.44$$

Calculations

Compute by: Known Depth

Known Depth (ft) = 5.00 ← Full Flow

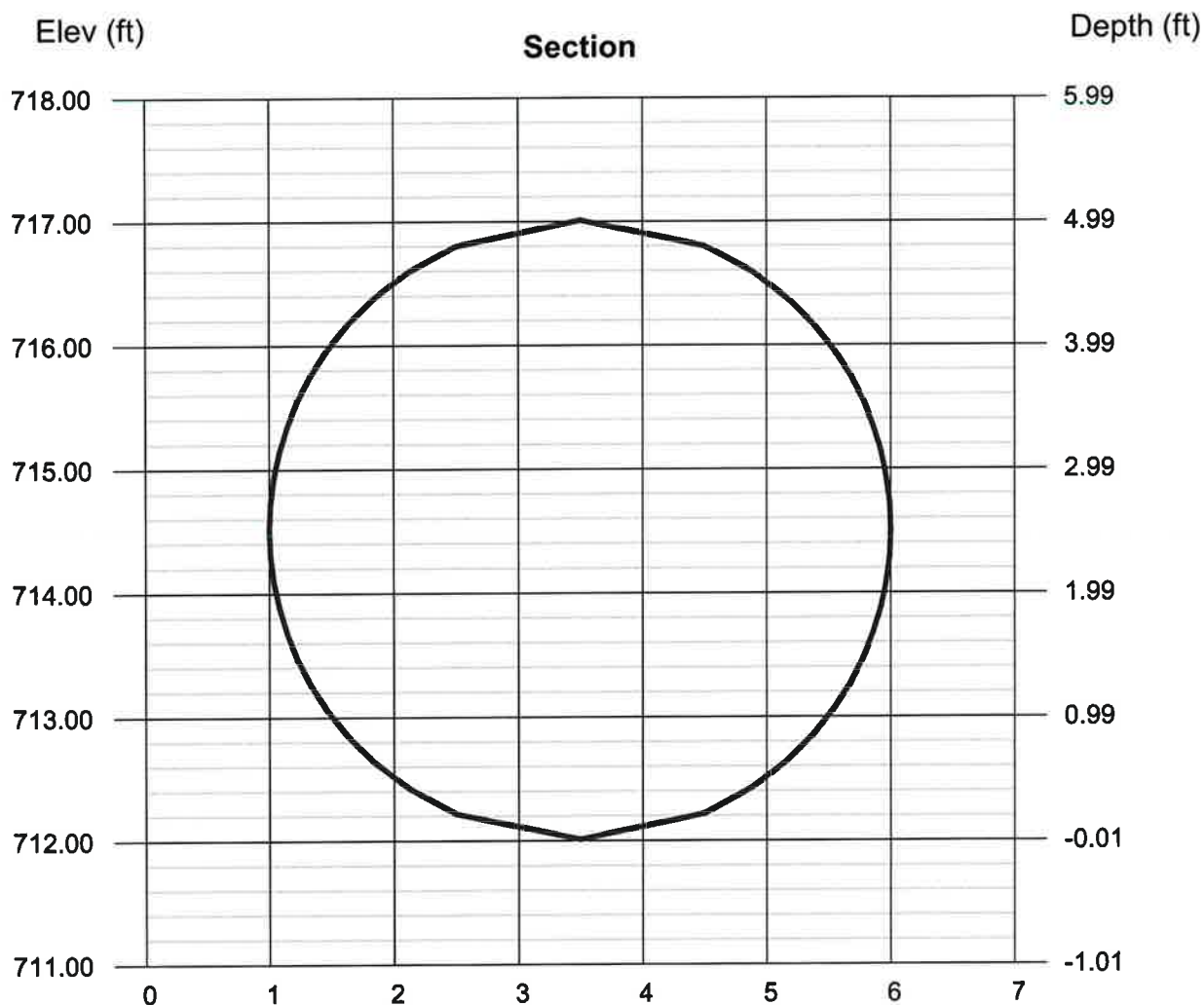


EXHIBIT G.

Alternatives Analysis

Alternative Analysis

Hudson Smallman, LP & Hudson Railroad, LP – 2929 Smallman St
2929 Smallman St & 6 30th St, 6th Ward, City of Pittsburgh, PA 15213

The proposed short-term and long-term ultimate method of sanitary sewage conveyance and treatment from the 2929 Smallman Street and 6 30th Street project, which involves the demolition of existing structures and construction of new nine-story apartment buildings, the use of adequately designed storm and sanitary sewer laterals, owned and maintained by the property owner, connecting into the PWSA 15” combination sewer system located between the proposed apartment buildings along Spruce Way. This public sewer connects into the ALCOSAN Allegheny River Interceptor and sewage flows via gravity through the interceptor sewer to the ALCOSAN Treatment Plant at Woods Run.

The project site is located within the Riverfront Industrial Mixed Use (RIV-IMU) zoning district and is surrounded by industrial-use buildings, warehouses, and apartment buildings. Adjacent properties utilize the existing public sewer system as their ultimate sewage disposal conveyance system and the ALCOSAN Treatment Plant as their ultimate sewage treatment method. Additionally, 2929 Smallman Street in its existing conditions ties into the existing public sewer system and uses the ALCOSAN Treatment Plant as its ultimate sewage treatment method.

There are no feasible sewage disposal alternatives because access to the public sewer system is available, and the proposed buildings and a required PWSA easement will encompass most of the 1.5-acre site. If public sewers were not available, sewage could be temporarily stored using on-site holding tanks and trucked to an off-site facility; however, this alternative is not permissible as a long-term disposal solution according to 25 Pa. Code §71.63(c) because the proposed flow exceeds 800 GPD.

EXHIBIT H.

Sewage Facilities Planning Module – Component 4A – Municipal Planning Agency Review



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

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

2929 Smallman St

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

1. Date plan received by municipal planning agency 6/29/232. Date review completed by agency 7/13/2023

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

- | Yes | No | |
|-------------------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> | 5. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Will any known historical or archaeological resources be impacted by this project?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Will any known endangered or threatened species of plant or animal be impacted by this project?
If yes, describe impacts _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8. Is there a municipal zoning ordinance? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 9. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 11. Have all applicable zoning approvals been obtained? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 12. Is there a municipal subdivision and land development ordinance? |

SECTION C. AGENCY REVIEW (continued)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. Is this proposal consistent with the ordinance? If no, describe the inconsistencies _____
<input checked="" 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 checked="" 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 checked="" 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: <u>Kyla Prendergast</u> Title: <u>Senior Environmental Planner</u> Signature: <u><i>Kyla Prendergast</i></u> Date: <u>7/13/2023</u> Name of Municipal Planning Agency: <u>City of Pittsburgh Department of City Planning</u> Address <u>100 Ross St, Suite 202, Pittsburgh, PA 15219</u> Telephone Number: <u>412-522-6551</u>		

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.

EXHIBIT I.

Sewage Facilities Planning Module – Component 4C County of Joint Health Department Review

COUNTY OF



ALLEGHENY

RICH FITZGERALD
COUNTY EXECUTIVE

July 25, 2023

Warren K. Adams, E.I.T.
The Gateway Engineers, Inc.
100 McMorris Road
Pittsburgh, PA 15205

RE: SEWAGE FACILITIES PLANNING MODULE; ALLEGHENY COUNTY
2929 Smallman Street/6 30th Street, City of Pittsburgh

Dear Mr. Adams:

Enclosed is a signed copy of Component 4C, County or Joint County Health Department Review, for the above-referenced development. This Planning Module Component was received on July 24, 2023. The project proposes the following:

Project Description:	The proposed project includes demolition of existing structures and construction of a 145-unit apartment building on Smallman Street and a 165-unit apartment building on 30 th Street. The buildings will include parking, common area amenities, and utilities/stormwater facilities/amenities for residential development.
Sewage Flow:	17,875 GPD (Smallman) and 22,910 GPD (30 th) = 40,785 GPD
Conveyance:	Proposed laterals will tie into the existing PWSA owned 15" combination gravity sewer along Spruce Way, then connect to the Allegheny River Interceptor at A-20, and flow to the ALCOSAN Woods Run Treatment Plant.
Sewer's Owner:	PWSA (collection), ALCOSAN (interceptor)
Sewage Treatment Plant:	ALCOSAN



ALLEGHENY COUNTY HEALTH DEPARTMENT

WATER POLLUTION CONTROL & SOLID WASTE MANAGEMENT
3901 PENN AVENUE • BUILDING 5 • PITTSBURGH, PA 15224-1318
PHONE: 412.578.8040 • FAX: 412.578.8053
WWW.ALLEGHENYCOUNTY.US/HEALTHDEPARTMENT



Mr. Warren K. Adams E.I.T.
July 25, 2023
Page 2

Please be advised that a permit must be obtained from the Allegheny County Health Department's (ACHD) Plumbing Section prior to commencing any plumbing work for the proposed project. Plumbing work for which an ACHD Plumbing Permit must be obtained includes any plumbing work done on the site and any sewers, which will not be owned and operated by a municipality or a sewer authority.

In addition, it should be noted that the approval of this sewage facilities planning module does not include approval of pipe size and/or type. Approval for pipe size and/or type must be obtained by filing a specific plumbing plan with the ACHD's Plumbing Section. If you should have any questions relative to ACHD's plumbing requirements, please contact Drew Grese, Plumbing Program Manager at 412-578-8055.

The ACHD has no objection to the approval of this project. If you have any questions, please call me at 412-578-8388.

Sincerely,



Gina Caliguri
Environmental Health Administrator II/Compliance Officer
Water Pollution Control & Solid Waste Management

Enclosure

cc: Regis Ryan, PA Department of Environmental Protection w/attachment
Drew Grese, ACHD w/attachment



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

2929 Smallman St/6 30th St

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

1. Date plan received by county or joint county health department 7/24/2023

Agency name Allegheny County Health Department (ACHD)

2. Date review completed by agency 7/25/2023

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

Yes No

☒ ☐ 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?

If no, what are the inconsistencies? _____

☐ ☒ 2. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?

If yes, describe _____

☐ ☒ 3. Is there any known groundwater degradation in the area of this proposal?

If yes, describe _____

☒ ☐ 4. The county or joint county health department recommendation concerning this proposed plan is as follows: ACHD recommends approval. Please see attached letter.

5. Name, title and signature of person completing this section:

Name: Gina Caliguri

Title: Environmental Health Administrator II/Compliance Officer

Signature: _____

Date: 7/25/2023

Name of County Health Department: Allegheny County Health Department

Address: 3901 Penn Avenue, Building #5, Pittsburgh, PA 15224

Telephone Number: 412-578-8388

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.

EXHIBIT J.

Plot Plan

PEAK DAILY SANITARY FLOW DEMANDS

To be completed by the Applicant and provided once within the plan set, if applicable:

PROJECT FLOW, GPD	19,450
EXISTING FLOW, GPD	1,575
NET FLOW, GPD	17,875

HYDRANT FLOW TEST RESULTS

To be completed by the Applicant and provided once within the plan set, if applicable:

DATE OF TEST 2/15/2023

HYDRANT PERMIT NUMBER HYD-357-0223

PERFORMED BY J&J FIRE PROTECTION CO.

PRESSURE HYDRANT

HYDRANT NUMBER A266

LOCATION 2828 SMALLMAN ST.

STATIC PRESSURE, PSI 95

RESIDUAL PRESSURE, PSI 94

FLOW HYDRANT

HYDRANT NUMBER A274

LOCATION 30TH ST AND SMALLMAN ST.

FLOW OBSERVED, GPM 1454

CALCULATIONS *

PROJECTED FLOW AT 20 PSI, GPM 15001

* Per NFPA 201 (Section 4.4.6), the residual pressure needs to achieve a 10% drop from the static pressure to calculate accurate flow projections. Please note that multiple flow hydrants may need to be simultaneously flowed to achieve the 10% drop at the pressure hydrant. In these instances, the flow observed needs to be reported for each flow hydrant.

SPRINKLER SYSTEM DESIGN INFORMATION

To be completed by the Applicant and provided once within the plan set, if applicable:

ADDRESS(ES): 2929 SMALLMAN ST

DESIGNED BY: CJL ENGINEERING

TYPE OF SYSTEM (Check one)

13D ☒ 13
13R ☐ OTHER:

☒ STAND-ALONE SPRINKLER SYSTEM
☐ MULTI-PURPOSE SPRINKLER SYSTEM

HOSE DEMANDS (N/A for 13D systems)

INSIDE HOSE DEMAND, GPM 0

OUTSIDE HOSE DEMAND, GPM 100

FIRE PUMP (Check one)

☒ NO, NOT NEEDED
☐ YES, LOWEST PERMISSIBLE
SUCTION PRESSURE = PSI *

* For fire pump installations, the hydrant flow test shall be required to achieve a 10% drop from the static pressure to the residual pressure.

PEAK OPERATING WATER DEMANDS

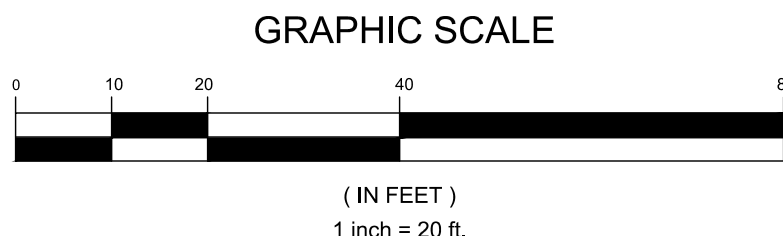
To be completed by the Applicant and provided once within the plan set, if applicable:

METER INFORMATION				DOMESTIC SYSTEM		FIRE SYSTEM	
QUANTITY	SIZE	TYPE	USE	FLOW, GPM	PRESSURE, PSI	FLOW, GPM	PRESSURE, PSI
1 (METER A)	5/8" X 3/4"	POSITIVE DISPLACEMENT	FIRE	N/A	N/A	300	80
1 (METER B)	3"	COMPOUND METER	DOMESTIC	220	96	N/A	N/A

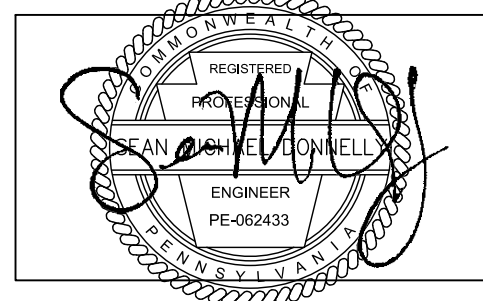
METER SIZE: 5/8", 5/8"x3/4", 3/4", 1", 2", 3", 4", 6", 8", 10", 12", 16"

METER TYPE: POSITIVE DISPLACEMENT, COMPOUND, ELECTROMAGNETIC, ULTRASONIC, TURBINE

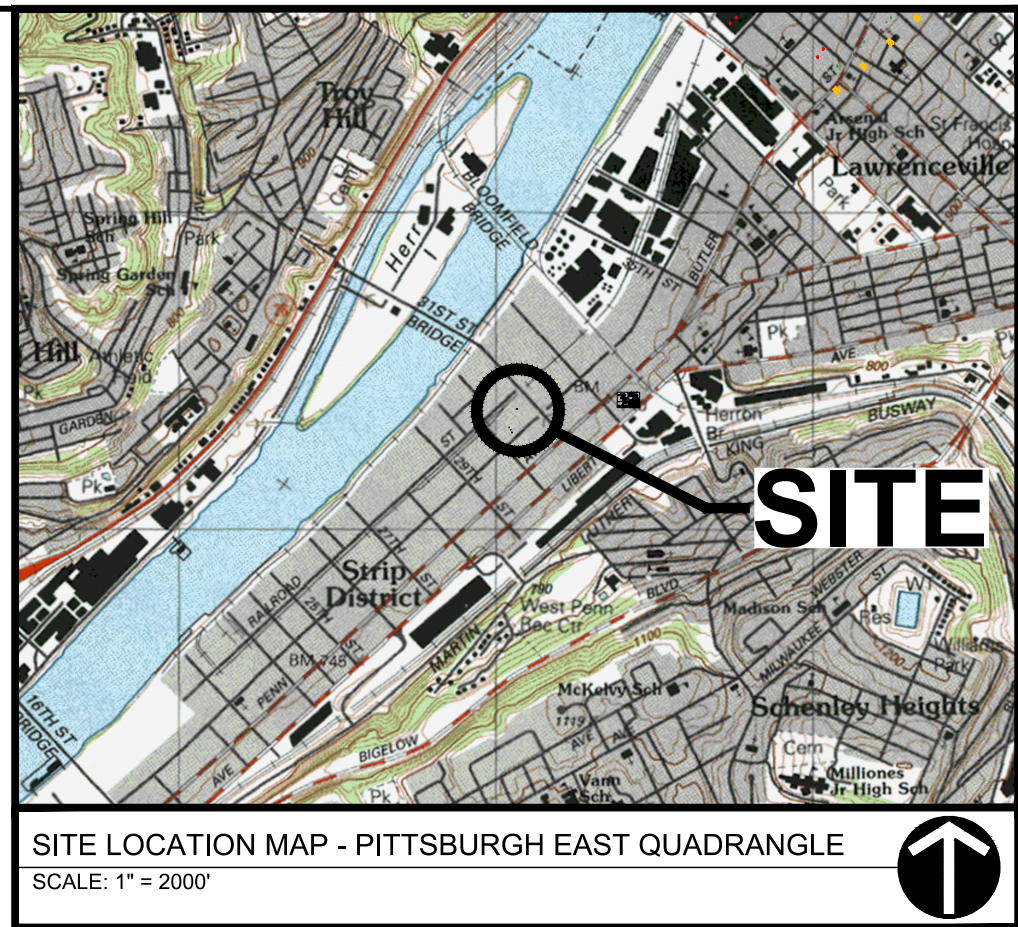
METER USE: DOMESTIC, FIRE, COMBINATION



Serial No. 20222890064



ENGINEER



SITE LOCATION MAP - PITTSBURGH EAST QUADRANGLE
SCALE: 1" = 2000'

THE PITTSBURGH WATER & SEWER AUTHORITY APPROVAL BLOCK

To be completed by the Applicant and provided on each sheet within the plan set:

(Check all that apply)

- ☒ NEW WATER CONNECTION(S)
☒ NEW SEWER CONNECTION(S)
☐ REUSE EXISTING WATER CONNECTION(S)
☐ REUSE EXISTING SEWER CONNECTION(S)
☒ TERMINATE EXISTING WATER CONNECTION(S)
☒ TERMINATE EXISTING SEWER CONNECTION(S)
☐ PRIVATE CONSTRUCTION OF PUBLIC FACILITIES

To be completed by the PWSA:

(Required for ALL approvals)

REVIEWER, DEPT. OF ENGINEERING AND CONSTRUCTION

SENIOR PROJECT MANAGER, DEPT. OF ENGINEERING AND CONSTRUCTION

DIRECTOR OF OPERATIONS

(Required for "Private Construction of Public Facilities" ONLY)

DIRECTOR, DEPT. OF ENGINEERING AND CONSTRUCTION

PWSA PROJECT NUMBER DEV-196-1122

TAP C RECORD NUMBER

The PWSA approval was based on information provided by others under the assumption that this information was accurate and complete. Please refer to the PWSA Developer's Manual for detailed information on the regulations and procedures for obtaining water and sewer service.

PWSA PLAN
2929 SMALLMAN ST

PLAN PREPARER: THE GATEWAY ENGINEERS, INC., 100 McMorris Road,
PITTSBURGH, PA 15205, 412-921-4030.

WATER AND SEWER
TERMINATION AND TAP CONNECTION PLANS

2929 SMALLMAN ST
CITY OF PITTSBURGH, 15201

SCALE: 1" = 20'
DATE: 4/21/2023

SHEET NO.
1 OF 3

ACCESSION NO
CASE NO.

DWG. NO.



PEAK DAILY SANITARY FLOW DEMANDS
To be completed by the Applicant and provided once within the plan set, if applicable:

To be completed by the Applicant and provided once within the plan set, if applicable:

PERFORMED BY J&J FIRE PROTECTION CO.

RESIDUAL PRESSURE, PSI 94

FLOW OBSERVED, GPM 1492

PROJECTED FLOW AT 20 PSI, GPM 15503

* Per NFPA 291 (Section 4.4.6), the residual pressure need to achieve a 10% drop from the static pressure to calculate accurate flow projections. Please note that multiple flow hydrants may need to be simultaneously flowed to achieve the 10% drop at the pressure hydrant. In these instances, the flow observed needs to be reported for each flow hydrant.

To be completed by the Applicant and provided once within the plan set, if applicable:

DESIGNED BY: CJL ENGINEERING

 X STAND-ALONE SPRINKLER SYSTEM
 MULTI-PURPOSE SPRINKLER SYSTEM

OUTSIDE HOSE DEMAND, GPM _____ 100

* For fire pump installations, the hydrant flow test shall be required to achieve a 10% drop from the static pressure to the residual pressure.

PEAK OPERATING WATER DEMANDS

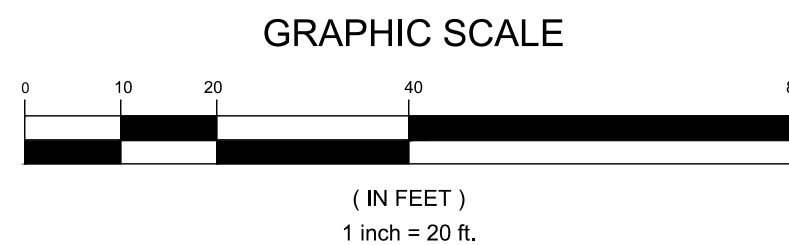
To be completed by the Applicant and provided once within the plan set, if applicable:

METER INFORMATION				DOMESTIC SYSTEM		FIRE SYSTEM	
QUANTITY	SIZE	TYPE	USE	FLOW, GPM	PRESSURE, PSI	FLOW, GPM	PRESSURE, PSI
1 (B)	5/8" x 3/4"	POSITIVE DISPLACEMENT	FIRE	N/A	N/A	300	80
1 (A)	3"	COMPOUND	DOMESTIC	240	96	N/A	N/A





METER SIZE: $\frac{5}{8}$ ", $\frac{5}{8}$ "x $\frac{3}{4}$ ", $\frac{3}{4}$ ", 1", 2", 3", 4", 6", 8", 10", 12", 16"

METER TYPE: POSITIVE DISPLACEMENT, COMPOUND, ELECTROMAGNETIC, ULTRASONIC, TURBINE

METER USE: DOMESTIC, FIRE, COMBINATION



LEGEND:

	- PROPOSED CONCRETE BLOCKING FOR PRESSURE PIPE (REFER TO DETAIL WS-3)
	- PROPOSED GATE VALVE (RIGHT TURN TO OPEN) WITH MEG BOX
	- TERMINATION SEWER LATERAL (REFER TO DETAIL SLT1)
	- TERMINATION WATER LATERAL (REFER TO DETAIL WS-ST5)



PLAN PREPARER: THE GATEWAY ENGINEERS, INC., 100 McMORRIS ROAD,
PITTSBURGH, PA 15205, 412-921-4030.

WATER AND SEWER
TERMINATION AND TAP CONNECTION PLANS

6 30TH ST
CITY OF PITTSBURGH, 15201

SCALE: 1" = 20' SHEET NO. ACCESSION NO _____
DATE: 4/21/2023 1 OF 3 CASE NO. _____

EXHIBIT K.

PNDI

1. PROJECT INFORMATION

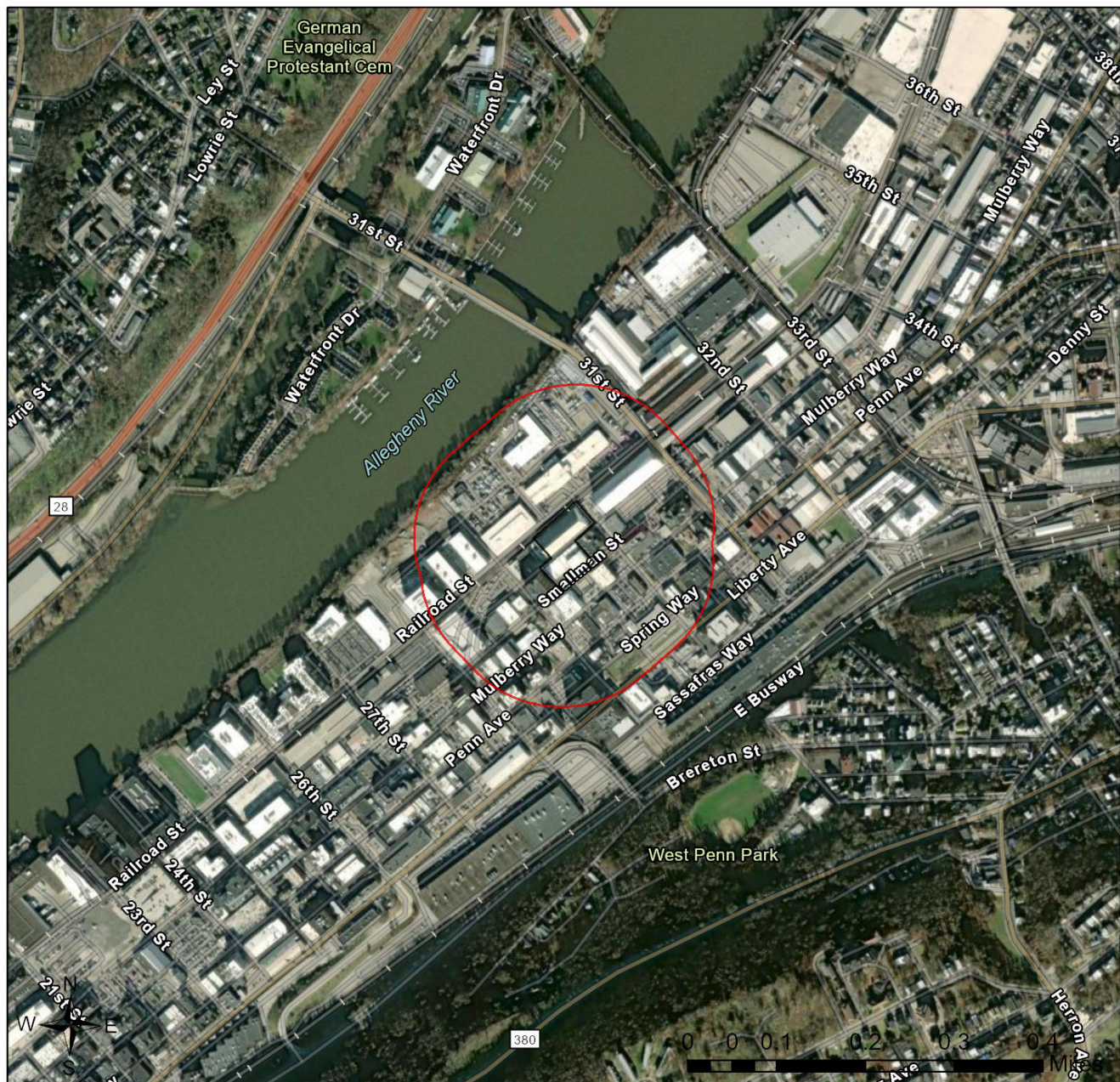
Project Name: **2929 Smallman/6 30th St**
Date of Review: **5/22/2023 11:17:57 AM**
Project Category: **Development, Other**
Project Area: **2.00 acres**
County(s): **Allegheny**
Township/Municipality(s): **PITTSBURGH**
ZIP Code:
Quadrangle Name(s): **PITTSBURGH EAST**
Watersheds HUC 8: **Lower Allegheny**
Watersheds HUC 12: **Allegheny River-Ohio River**
Decimal Degrees: **40.459486, -79.974523**
Degrees Minutes Seconds: **40° 27' 34.1490" N, 79° 58' 28.2820" 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	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
U.S. Fish and Wildlife Service	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

2929 Smallman/6 30th St

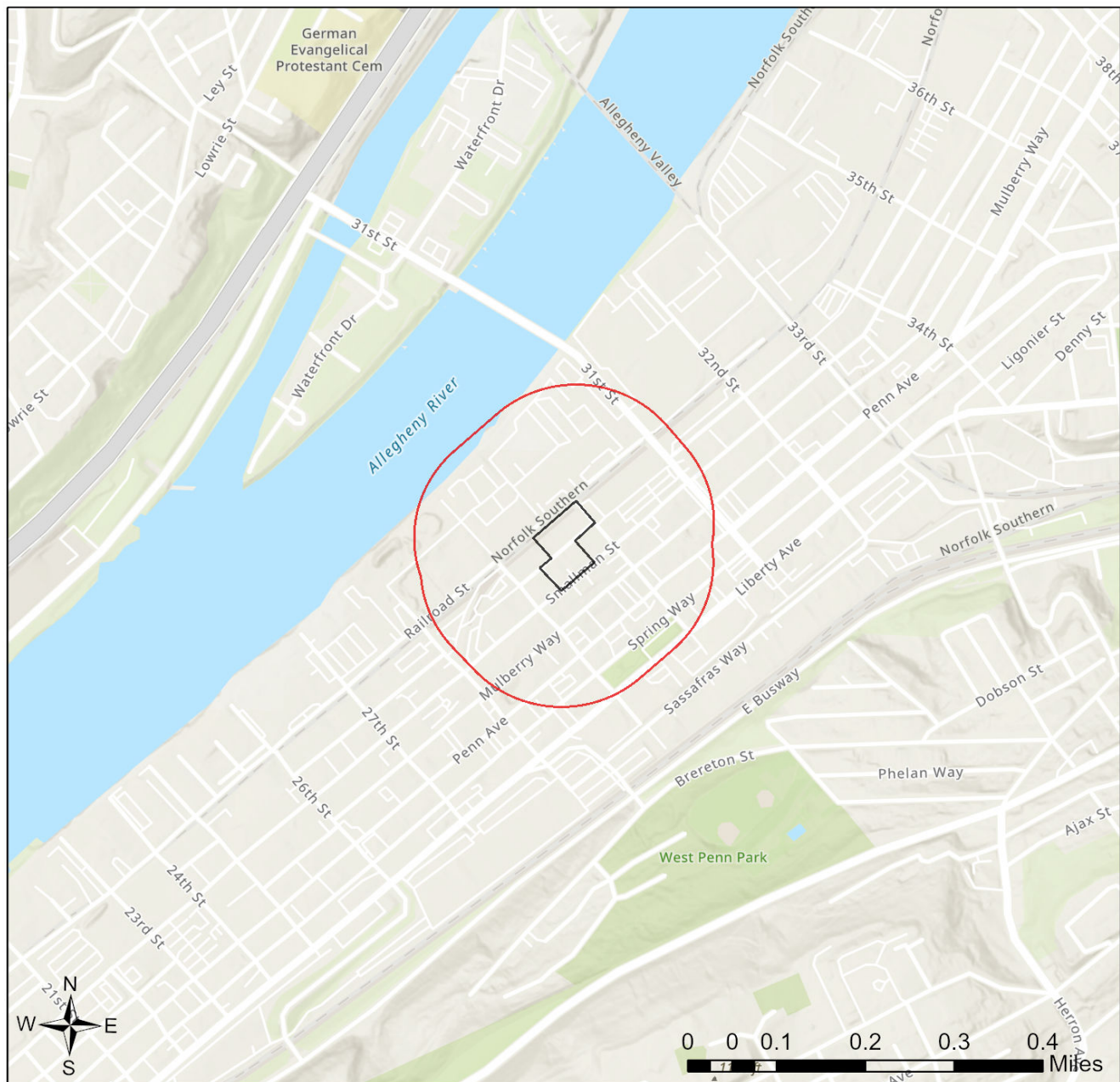


-  Buffered Project Boundary
-  Project Boundary

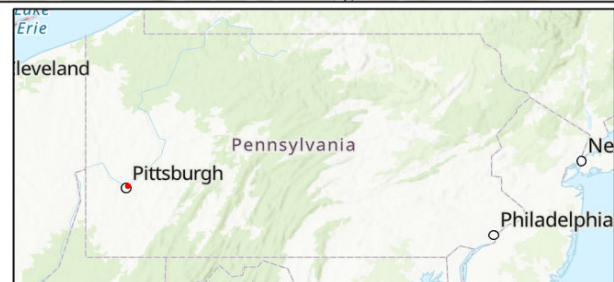


Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

2929 Smallman/6 30th St



- 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

RESPONSE TO QUESTION(S) ASKED

Q1: The proposed project is in the range of the Indiana bat. Describe how the project will affect bat habitat (forests, woodlots and trees) and indicate what measures will be taken in consideration of this. Round acreages up to the nearest acre (e.g., 0.2 acres = 1 acre).

Your answer is: No forests, woodlots or trees will be affected by the project.

Q2: Is tree removal, tree cutting or forest clearing of 40 acres or more necessary to implement all aspects of this project?

Your answer is: No

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:

Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).

PFBC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Obliquaria reflexa	Threehorn Wartyback	Special Concern Species*
Sensitive Species**		Endangered

U.S. Fish and Wildlife Service

RESPONSE:

Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).

* Special Concern Species or Resource - Plant or animal species classified as rare, tentatively undetermined or candidate as well as other taxa of conservation concern, significant natural communities, special concern populations (plants or animals) and unique geologic features.

** Sensitive Species - Species identified by the jurisdictional agency as collectible, having economic value, or being susceptible to decline as a result of visitation.

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email the following information to the agency(s) (see AGENCY CONTACT INFORMATION). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies (but not USFWS).

*If information was requested by USFWS, applicants must email, or mail, project information to IR1_ESPenn@fws.gov to initiate a review. USFWS will not accept uploaded project materials.

Check-list of Minimum Materials to be submitted:

____ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

____ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

____ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

____ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

____ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

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: Warren Adams
Company/Business Name: The Gateway Engineers
Address: 100 McMorris Road
City, State, Zip: Pittsburgh, PA 15205
Phone: (412) 409-2283 Fax: ()
Email: wadams@gatewayengineers.com

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.

Warren Adams
applicant/project proponent signature

5/22/23
date



June 6, 2023

IN REPLY REFER TO

SIR# 58117

The Gateway Engineers, Inc.
Warren Adams
100 McMorris Road
Pittsburgh, Pennsylvania 15205

**RE: Species Impact Review (SIR) – Rare, Candidate, Threatened and Endangered Species
PNDI Search No. 787904_1
2929 Smallman/6 30th St
Pittsburgh City: ALLEGHENY County**

Dear Warren Adams:

This responds to your inquiry about a Pennsylvania Natural Diversity Inventory (PNDI) Internet Database search “potential conflict” or a threatened and endangered species impact review. These projects are screened for potential conflicts with rare, candidate, threatened or endangered species under Pennsylvania Fish and Boat Commission jurisdiction (fish, reptiles, amphibians, aquatic invertebrates only) using the Pennsylvania Natural Diversity Inventory (PNDI) database and our own files. These species of special concern are listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, and the Pennsylvania Fish and Boat Code (Chapter 75), or the Wildlife Code.

An element occurrence of a rare, candidate, threatened, or endangered species under our jurisdiction is known from the vicinity of the proposed project. However, given the nature of the proposed project, the immediate location, or the current status of the nearby element occurrence(s), no adverse impacts are expected to the species of special concern.

This response represents the most up-to-date summary of the PNDI data and our files and is valid for two (2) years from the date of this letter. An absence of recorded species information does not necessarily imply species absence. Our data files and the PNDI system are continuously being updated with species occurrence information. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered, and consultation shall be re-initiated.

If you have any questions regarding this review, please contact Nevin Welte at 814-470-6151 or c-nwelte@pa.gov and refer to the SIR # 58117. Thank you for your cooperation and attention to this important matter of species conservation and habitat protection.

Sincerely,

A handwritten signature in black ink, reading "Christopher A. Urban". The signature is written in a cursive, flowing style.

Christopher A. Urban, Chief
Natural Diversity Section

CAU//NTW/dn