



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.

**SECTION C. AGENCY REVIEW (continued)**

Yes No

- 13. Is this proposal consistent with the ordinance?  
 If no, describe the inconsistencies \_\_\_\_\_
- 14. Is this plan consistent with the municipal Official Sewage Facilities Plan?  
 If no, describe the inconsistencies \_\_\_\_\_
- 15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?  
 If yes, describe \_\_\_\_\_
- 16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?  
 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: Kyla Prendergast  
 Title: Senior Environmental Planner  
 Signature: *Kyla Prendergast*  
 Date: 10/1/2024  
 Name of Municipal Planning Agency: Department of City Planning  
 Address 100 Ross Street, 2nd Floor, Pittsburgh, PA 15219  
 Telephone Number: 412-255-2516

**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.

**COUNTY OF**



**ALLEGHENY**

**SARA INNAMORATO**  
COUNTY EXECUTIVE

September 6, 2024

Dante Cellitti, PM  
Morris Knowles and Associates  
1740 Gloden Mile HWY Suite 101  
Monroeville, PA 15146

**RE: SEWAGE FACILITIES PLANNING MODULE**  
**Ft Pitt Mixed Use - Pittsburgh**  
**Allegheny County, Pennsylvania**

Dear Mr. Cellitti:

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 August 27, 2024. The project proposes the following:

Project Description:	It involves renovation of an existing building into an office space and apartment units.
Sewage Flow:	1550 GPD
Conveyance:	Sewage from proposed development will be transported by PWSA to Monongahela interceptor and ultimately conveyed to ALCOSAN at Wood Run Road for treatment.
Sewer's Owner:	PWSA (collection), ALCOSAN (interceptor)
Sewage Treatment Plant:	ALCOSAN

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.



**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](http://WWW.ALLEGHENYCOUNTY.US/HEALTHDEPARTMENT)



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 412-578-8046.

Sincerely,



Issa Tijani  
Environmental Health Engineer II  
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

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

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### 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.

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

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#### **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).

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#### **Section B. Review Schedule**

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

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#### **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.

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#### **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

Ft Pitt Mixed Use

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


1. Date plan received by county or joint county health department 8/6/2024Agency name Allegheny County Health Department (ACHD)2. Date review completed by agency 9/6/2024

#### 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: Issa TijaniTitle: Environmental Health EngineerSignature: Date: 9/6/2024Name of County Health Department: Allegheny County Health DepartmentAddress: 3901 Penn Avenue, Building #5, Pittsburgh, PA 15224Telephone Number: 412-578-8046

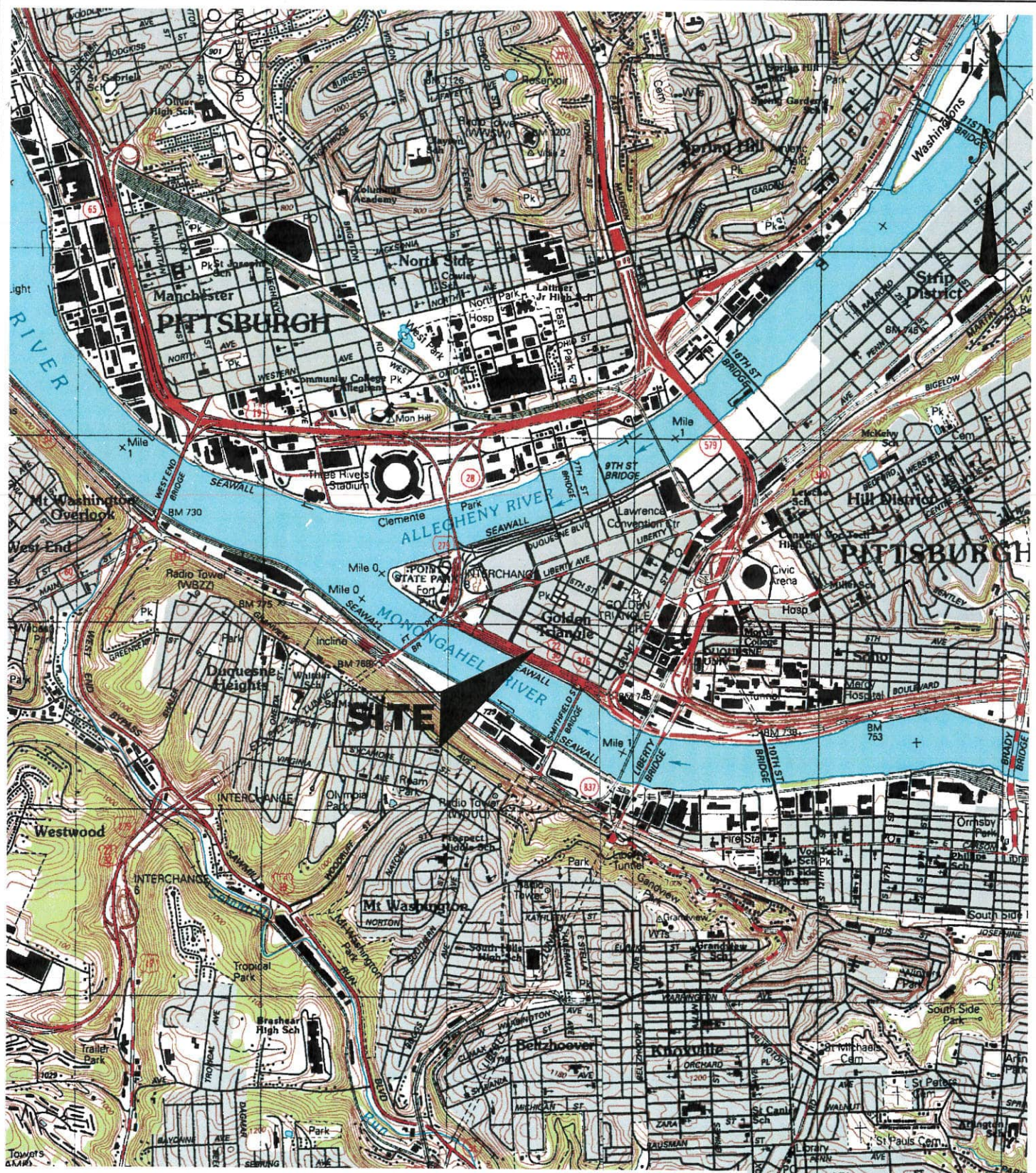
#### SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

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.





SCALE:  1: 24,000	DESIGNED BY: DCC	REVISION BY: _____	DATE: _____	DESCRIPTION: _____
	REVIEWED BY: DCC	REVISION BY: _____	DATE: _____	DESCRIPTION: _____
	DRAWN BY: DCC	REVISION BY: _____	DATE: _____	DESCRIPTION: _____
	DATE: AUG 2024	REVISION BY: _____	DATE: _____	DESCRIPTION: _____
	PROJ. NO.: 1816.12	REVISION BY: _____	DATE: _____	DESCRIPTION: _____
		REVISION BY: _____	DATE: _____	DESCRIPTION: _____

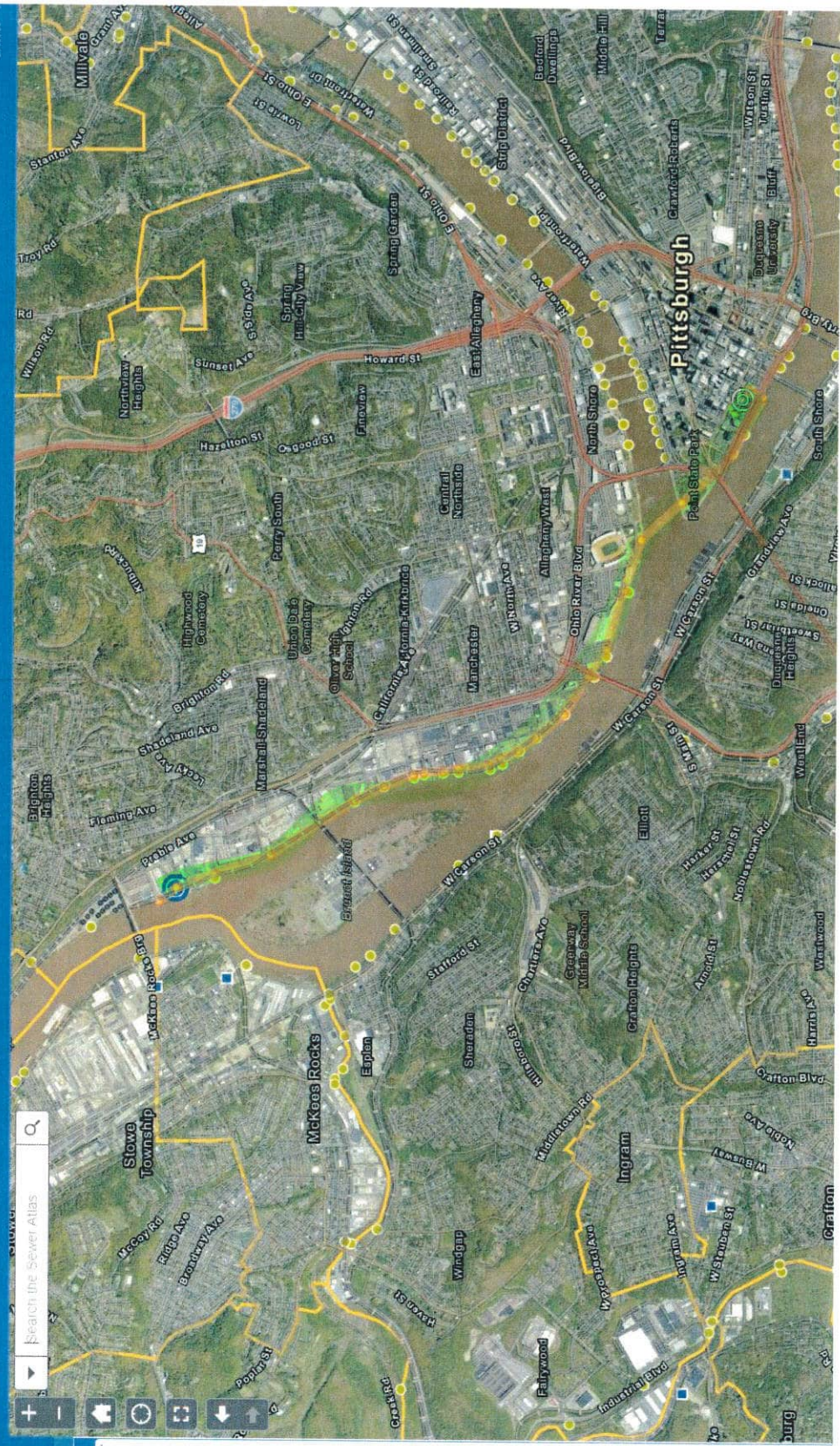
**USGS MAP - PITTSBURGH WEST QUADRANGLE**  
**FT PITT BOULEVARD MIXED USE**  
 prepared for  
**CANZIAN/JOHNSTON ARCHITECTS**  
*subsidiary*  
**CITY OF PITTSBURGH, ALLEGHENY COUNTY, PENNSYLVANIA**

**Morris Knowles**  
 & Associates, Inc.  
 (A Hammontree Company)  
*Consulting Engineers and Land Surveyors*  
 443 Athena Drive  
 Delmont, PA 15226  
 Telephone: (724) 462-6822  
 Fax: (724) 462-6840  
 info@morknowles.com www.morknowles.com



SHEET NO.  
1





Network Trace	Input	Output
Upstream	# of Structures: 5 Total Length: 792.19 ft Inch-Miles: 2.25	
Downstream	# of Structures: 29 Total Length: 20226.51 ft Inch-Miles: 433.53	
<input checked="" type="checkbox"/>	Upstream Pipes (5)	
<input checked="" type="checkbox"/>	Downstream Pipes (30)	
<input checked="" type="checkbox"/>	Downstream Structures (29)	
<input checked="" type="checkbox"/>	Upstream Structures (5)	



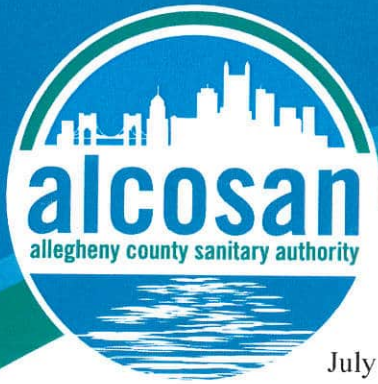
## **Sewer Facilities Alternative Analysis**

The project property currently has City sewer service and there is a public combined sewer main directly behind the property in First Avenue. The existing building is to be repurposed, and currently has sanitary sewer service at the main at the rear of the property. This connection will be maintained at the 15" TCP combined sewer main in First Avenue. The daily flow proposed of 1,550 GPD (or 4 EDUs.) represents the ultimate method for this project and based on letters from the Pittsburgh Water and Sewer Authority and ALCOSAN, their system has capacity for this project and is currently in compliance with the exception of wet weather conditions.

The adjacent land uses are mainly a mixture of office, commercial, and residential uses. These developments all discharge to the public sewer system and are considered the ultimate use with no known improvements needed. The zoning of the surrounding uses are the Golden Triangle District A, B, C, and D.

The ALCOSAN Treatment Plant is currently under a tap allocation plan but will not affect this project. Tying into the public sanitary sewer is the most feasible option for this project due to the existing sewer service surrounding the property. An on-lot system would not be feasible given the existing buildout of the site, and the small property size. By connecting to the existing public sanitary system already on site, this guarantees this project will have adequate sewage disposal. The private lateral is designed for the maximum capacity of the proposed building, and if the existing public sewer has capacity issues in the future it will be upgraded by the sewer authority to accommodate an increase of flow to this sewer main.

The property owner will be responsible for the operation and maintenance of their private lateral.



RECEIVED JUL 26 2024

July 22, 2024

**Members of the Board**

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Jeanne K. Clark  
*Director  
Governmental Affairs*

Julie Motley-Williams  
*Director  
Administration*

Dante C. Cellitti  
Moris Knowles & Associates  
1740 Golden Mile Hwy., Suite 101  
Monroeville, PA 15146

**Re: 227 Ft Pitt Blvd. Mixed Use  
City of Pittsburgh -- Allegheny County  
PA DEP Sewage Facilities Planning Module  
ALCOSAN Point of Connection M-03-00**

Dear Mr. Cellitti:

We have reviewed the Component 3 Planning Module for the referenced project to be located at 227 Ft Pitt Blvd., in the City of Pittsburgh. The project will generate a peak flow of 1,550 gpd in the ALCOSAN Monongahela River Interceptor and Woods Run Treatment Plant.

The capacity of the ALCOSAN M-03-00 regulator structure is 16.6 MGD. The estimated peak dry weather flow is approximately 1.72 MGD. Therefore, dry weather capacity exists for this connection. However, the Monongahela River Interceptor and the Woods Run Treatment Plant do not have the capacity for the flows generated during wet weather periods. This limitation will be addressed as ALCOSAN implements its Clean Water Plan.

ALCOSAN requests that this letter be made part of the planning module submission. The signed Component 3 Planning Module is attached. If you have any questions regarding this matter, please contact me at 412-734-8735.

Sincerely,

**ALLEGHENY COUNTY SANITARY AUTHORITY**

Joe Fedor

Attachment

cc: C. Dean (w/o attachment) Z. Rinker/PWSA (w/o attachment)  
L. Sanford (w/o attachment) Mahuba Iasmin/PADEP (w/o attachment)  
M. Lichte (w/o attachment) Issa Tijani/ACHD (w/o attachment)



## Dry Weather Calculations – First Avenue 15” Combined Sewer Line

### Existing

The existing 15” combined Sewer in First Avenue was measured for flow depths 5 times over the course of an hour. The slope of the existing pipe is 0.50%. The slope of the existing pipe was taken from the MLCS spreadsheet provided by PWSA with the water and sewer use application. Using full flow calculations, a 15” pipe flowing at full capacity at a 0.50% slope using 0.015 for the mannings coefficient of a vitrified clay pipe will result in **3.969 CFS** flowing through the pipe.

1 CFS = 646,316.883 Gallons Per Day (GPD).

$3.96939 \text{ CFS} \times 646,316.883 = 2,565,481 \text{ GPD Peak Flow}$

$2,565,481 \text{ GPD} / 3.5 = 732,995 \text{ GPD Average Flow}$

### Present

The water level at the time of the CCTV work was 0.125”.

Flow Observation Test on April 9, 2024. Weather was cloudy and approximately 55 degrees.

Test 1 at 6:00 AM – .125” Measurement

Test 2 at 6:15AM – .125” Measurement

Test 3 at 6:30 AM – .125” Measurement

Test 4 at 6:45 AM – .125” Measurement

Test 5 at 7:00 AM – .125” Measurement

The 5 measurements of the water level at the time of the CCTV work were all .125”. Using the depth of water at .125” (0.01 ft.) through the 15” pipe at 0.50% slope using 0.015 for the mannings “n” coefficient will result in **0.0004 cfs** flowing through the pipe.

$0.0004 \text{ CFS} \times 64,6316.883 = 259 \text{ GPD Peak Flow}$

$259 \text{ GPD} / 3.5 = 74 \text{ GPD Average Flow}$

### Proposed

Proposed flows because of the mixed use development: **1,550 GPD**

$1,550 \text{ GPD} + 259 \text{ GPD} \times 1.05 = 1,900 \text{ Peak Proposed GPD Total}$

$1,900 \text{ GPD Peak} / 3.5 = 543 \text{ Average Proposed GPD Total}$



## **227 Ft Pitt Boulevard Narrative**

The project site is located at 227 Ft. Pitt Boulevard in the City of Pittsburgh, Allegheny County, Pennsylvania. The property contains an existing structure that was formerly office space and one apartment unit. The proposed use of this project is a continuation of mixed use. The basement level and first floor level are two separate tenant spaces, and the upper floors contain 5 apartment units. **The existing structure is to remain, all renovations will be internal to the building and no outside work is planned.** The scope of work does not necessitate the removal of outside structures or green spaces.

Previous water bills were not available. The existing flows were estimated from the previous office use and apartment in the building. As the previous information was not available for number of employees, we assume four (4) office staff and one (1) one bedroom apartment was in the building.

For the proposed mixed use of the building, per calculations of maximum number of employees in the office spaces, a maximum of 40 office employees in the tenant spaces, combined. An office employee will generate 10 GPD per employee. The proposed apartment unit types are one-three bedroom unit, three-one bedroom units, and one-two bedroom unit. This will result in project flows of approximately **1,550 GPD**. Please refer to the attached charts for how these flows were calculated.

**Total Project New Flows = +1,360 GPD**



**PREVIOUS SEWAGE DISCHARGE ESTIMATE**

Use	Quantity	Description	Flow (GAL/Day)
Office Employees	4	Number of Office Employees	40
1 BR Apartment	1	One Bedroom Apartment	150
			<b>Total</b>
			<b>190</b>

Previous Use - Office Space and Apartment	
<b>Sewage Flows Per Table 3.1 of PWSA Design Manual</b>	
One Bedroom Apartment Units	150 GPD
Office Employees	10 GPD

## Ft Pitt Blvd Mixed Use

### PROPOSED SEWAGE DISCHARGE ESTIMATE

Use	Quantity	Description	Flow (GAL/Day)
Office Employees	40	Maximum number of potential employees (both tenant spaces)	400
1 BR Apartment	3	One Bedroom Apartment	450
2 BR Apartment	1	Two Bedroom Apartment	300
3 BR Apartment	1	Three Bedroom Apartment	400
			Total
			<b>1,550</b>

#### Sewage Flows Per Table 3.1 of PWSA Design Manual

One Bedroom Apartment Units	150 GPD
Two Bedroom Apartment Units	300 GPD
Three Bedroom Apartment Units	400 GPD
Office Employees	10 GPD



## SEWAGE FACILITIES PLANNING MODULE

### Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

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

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

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

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

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

#### A. PROJECT INFORMATION (See Section A of instructions)

1. Project Name Ft Pitt Mixed Use
2. Brief Project Description Renovation of existing building

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

Municipality Name	County	City	Boro	Twp
City of Pittsburgh	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Prendergast	Kyla			Sr. Environmental Planner
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
414 Grant Street				
Address Last Line -- City	State	ZIP+4		
Pittsburgh	PA	15219		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-8800		kyla.prendergast@pittsburghpa.gov		

**C. SITE INFORMATION** (See Section C of instructions)

**Site (Land Development or Project) Name**

Ft Pitt Mixed Use

Site Location Line 1  
227 Ft Pitt Boulevard

Site Location Line 2

Site Location Last Line -- City	State	ZIP+4	Latitude	Longitude
Pittsburgh	PA	15233	40.43804	-80.00325

Detailed Written Directions to Site

Description of Site

**Site Contact (Developer/Owner)**

Last Name	First Name	MI	Suffix	Phone	Ext.
Makowski	Regis			412-722-5567	

Site Contact Title	Site Contact Firm (if none, leave blank)
	Shape Development Group

FAX	Email
	RegeM@shapedevelopmentgroup.net

Mailing Address Line 1	Mailing Address Line 2
5150 Penn Ave	Suite 310

Mailing Address Last Line -- City	State	ZIP+4
Pittsburgh	PA	15224

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

Last Name	First Name	MI	Suffix
Cellitti	Dante		C

Title	Consulting Firm Name
Project Manager	Morris Knowles and Associates

Mailing Address Line 1	Mailing Address Line 2
1740 Golden Mile Hwy., Suite 101	

Address Last Line -- City	State	ZIP+4	Country
Monroeville	PA	15146	USA

Email	Area Code + Phone	Ext.	Area Code + FAX
dccellitti@morrisknowles.com	724-468-4622		724-468-8940

**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: The Pittsburgh Water and Sewer Authority

**F. PROJECT NARRATIVE** (See Section F of instructions)

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

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

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

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

**1. COLLECTION SYSTEM**

a. Check appropriate box concerning collection system

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

Clean Streams Law Permit Number \_\_\_\_\_

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 4

Connections \_\_\_\_\_

Name of:

existing collection or conveyance system 15" VCP Combined Sewer in First Ave.

owner PWSA

existing interceptor Monongahela

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 PA 0025984

Clean Streams Law Permit Number PAG 136110

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

Name of Permittee Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Joe Fedor

Agent Signature Joe Fedor Date 7-22-24

(Also see Section I. 4.)



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## G. PROPOSED WASTEWATER DISPOSAL FACILITIES (Continued)

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### 3. PLOT PLAN

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

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

### 4. WETLAND PROTECTION

YES NO

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

### 5. PRIME AGRICULTURAL LAND PROTECTION

YES NO

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

### 6. HISTORIC PRESERVATION ACT

YES NO

- Sufficient documentation is attached to confirm that this project is consistent with DEP Technical Guidance 012-0700-001 *Implementation of the PA State History Code* (available online at the DEP website at [www.dep.state.pa.us](http://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](http://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 1550 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	732995	2565481	74	259	543	1900
Conveyance	<u>16,600,000</u>	<u>16,600,000</u>	<u>1,310,000</u>	<u>1,720,000</u>	<u>1,326,000</u>	<u>1,740,000</u>
Treatment	<u>250,000,000</u>	<u>250,000,000</u>	<u>194,200,000</u>	<u>250,000,000</u>	<u>248,800,000</u>	<u>440,000,000</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 The Pittsburgh Water and Sewer Authority

Name of Responsible Agent Zach Rinker

Agent Signature \_\_\_\_\_

**Zach Rinker**  
Digitally signed by Zach Rinker  
DN: cn=Zach Rinker, ou=Engineering  
Date: 2024.07.09 08:21:48 -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 Joe Fedor

Agent Signature Joe Fedor

Date 7-22-24

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 Joe Fedor

Agent Signature Joe Fedor

Date 7-22-24

**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.

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

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

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**O. SEWAGE MANAGEMENT** (See Section O of instructions)

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(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.

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

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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.

Dante Cellitti / Morris Knowles and Associates

Name (Print)



Signature

Senior Project Manager

Title

7/17/2024

Date

1740 Golden Mile Hwy., Suite 101, Monroeville PA  
15146

Address

7244684622

Telephone Number

**R. REVIEW FEE** (See Section R of instructions)

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

- I request DEP calculate the review fee for my project and send me an invoice for the correct amount. I understand DEP's review of my project will not begin until DEP receives the correct review fee from me for the project.
- I have calculated the review fee for my project using the formula found below and the review fee guidance in the instructions. I have attached a check or money order in the amount of \$200 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 \_\_\_\_\_

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**R. REVIEW FEE** (continued)

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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.

$$\#4 \text{ _____ Lots (or EDUs) X } \$50.00 = \$ \underline{200}$$

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:

$$\# \text{ _____ Lots (or EDUs) X } \$35.00 = \$ \text{ _____}$$

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)

## 1. PROJECT INFORMATION

Project Name: **Ft Pitt Mixed Use**

Date of Review: **1/19/2024 02:34:31 PM**

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

Project Area: **1.15 acres**

County(s): **Allegheny**

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

ZIP Code:

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

Watersheds HUC 8: **Lower Monongahela**

Watersheds HUC 12: **Streets Run-Monongahela River**

Decimal Degrees: **40.437997, -80.003365**

Degrees Minutes Seconds: **40° 26' 16.7891" N, 80° 0' 12.1154" W**

## 2. SEARCH RESULTS



Agency	Results	Response
PA Game Commission	<b>Potential Impact</b>	<b>FURTHER REVIEW IS REQUIRED, See Agency Response</b>
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	<b>Conservation Measure</b>	<b>No Further Review Required, See Agency Comments</b>
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

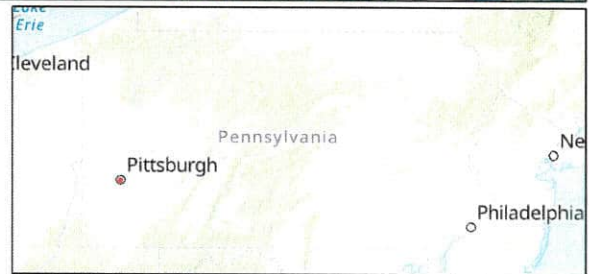
As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication 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.



### Ft Pitt Mixed Use



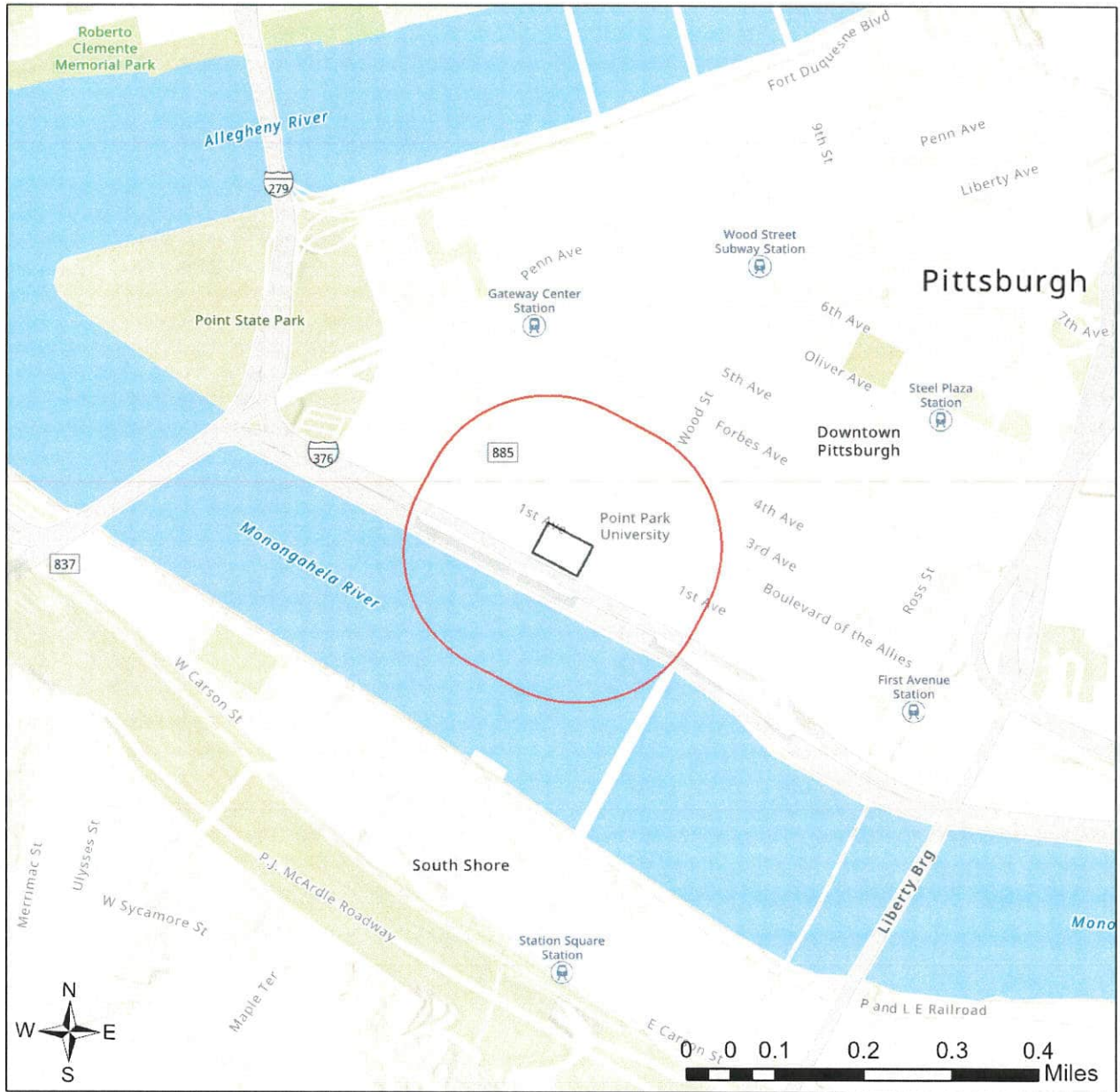
-  Buffered Project Boundary
-  Project Boundary



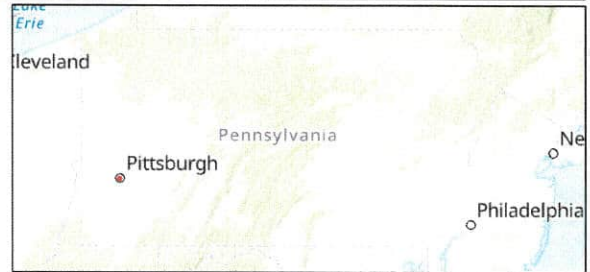
Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community



### Ft Pitt Mixed Use



- Buffered Project Boundary
- Project Boundary



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

### 3. AGENCY COMMENTS

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

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

#### PA Game Commission

##### RESPONSE:

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).

**PGC 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
Falco peregrinus	Peregrine Falcon	Special Concern Species*

#### 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:

Conservation Measure: The natural flow regime and water quality in this watershed are important to maintaining habitats occupied by rare fish and mussels. PFBC recommends that you take measures to maintain a natural flow regime, high water quality, and quantity. Maintenance or restoration of the riparian corridor will aid in connecting habitats and improving water quality and quantity for fish and mussels. PFBC recommends retaining (or restoring, if not already present) a riparian buffer (100 to 300 feet, if possible) on each side of the waterway (river, stream, creek). This buffer should be vegetated with native plant species. When adequately vegetated, this upland buffer will act to stabilize the streambanks (preventing or minimizing erosion), and filter pollutants (e.g., sediment, fertilizers, pesticides, road salt, oil). Where streambanks have become badly eroded (e.g., due to previous removal of native riparian vegetation), streambank fencing and/or bioengineering restoration techniques are recommended (geotextile, root wads, vegetative stabilization), rather than riprapping the streambanks; removing gravel bars; or attempting to dredge, ditch, channelize, or widen the stream. Use stringent erosion and sedimentation controls before, during, and after project implementation to ensure that sediment and contaminants do not enter any waterway(s) (rivers, creeks, streams, tributaries) or waterbodies (lakes, ponds).

**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
Leptodea fragilis	Fragile Papershell	Special Concern Species*
Quadrula quadrula	Mapleleaf	Special Concern Species*



## U.S. Fish and Wildlife Service

### RESPONSE:

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

\* 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](mailto: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](http://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](mailto: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](mailto: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](mailto: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](mailto:RA-PGC_PNDI@pa.gov)  
NO Faxes Please

## 7. PROJECT CONTACT INFORMATION

Name: Christopher Marinchek  
Company/Business Name: Morris Knowles and Associates  
Address: 443 Athena Drive  
City, State, Zip: Delmont, PA, 15626  
Phone: ( 724 ) 468-4622 Fax: (        )         
Email: cjmarinchek@morrisknowles.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.

Christopher J Marinchek

applicant/project proponent signature

1/22/2024

date





# PENNSYLVANIA GAME COMMISSION

## BUREAU OF WILDLIFE MANAGEMENT

2001 ELMERTON AVENUE HARRISBURG, PA 17110-9797 | (717) 787-5529

February 28, 2024

Christopher Marinchek  
Morris Knowles and Associates  
443 Athena Dr  
Delmont, Pennsylvania 15626  
[cjmarinchek@morrisknowles.com](mailto:cjmarinchek@morrisknowles.com)

Re: Ft Pitt Mixed Use Development Project  
PNDI Receipt File: *project\_receipt\_ft\_pitt\_mixed\_use\_805110\_FINAL\_1.pdf*  
City of Pittsburgh; Allegheny County, PA

Dear Christopher Marinchek,

Thank you for submitting the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Receipt File *project\_receipt\_ft\_pitt\_mixed\_use\_805110\_FINAL\_1.pdf* for review. The Pennsylvania Game Commission (PGC) screened this project for potential impacts to species and resources of concern under PGC responsibility, which includes birds and mammals only.

### **No Impact Anticipated – PNDI Species**

PNDI records indicate species or resources of concern are located within the vicinity of the project. However, based on the information you submitted concerning the nature of the project, the immediate location, and our detailed resource information, the PGC has determined that no impact is likely. Therefore, no further PNDI coordination with the PGC will be necessary for this project at this time.

This response represents the most up-to-date summary of the PNDI data files and is valid for two (2) years from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered.

Should the proposed work continue beyond the period covered by this letter, please resubmit the project to this agency as an “Update” (including an updated PNDI receipt, project narrative and accurate map). If the proposed work has not changed and no additional information concerning listed species is found, the project will be cleared for PNDI requirements under this agency for two additional years.

This finding applies to impacts to birds and mammals only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure that the U.S. Fish and Wildlife Service, the PA Department of Conservation and Natural Resources, and/or the PA Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at [www.naturalheritage.state.pa.us](http://www.naturalheritage.state.pa.us).

Sincerely,



*Sue Guers*

Sue Guers  
Environmental Review Lead  
Bureau of Wildlife Management  
Phone: 717-787-4250, Extension 73412  
Fax: 717-787-6957  
E-mail: [suguers@pa.gov](mailto:suguers@pa.gov)

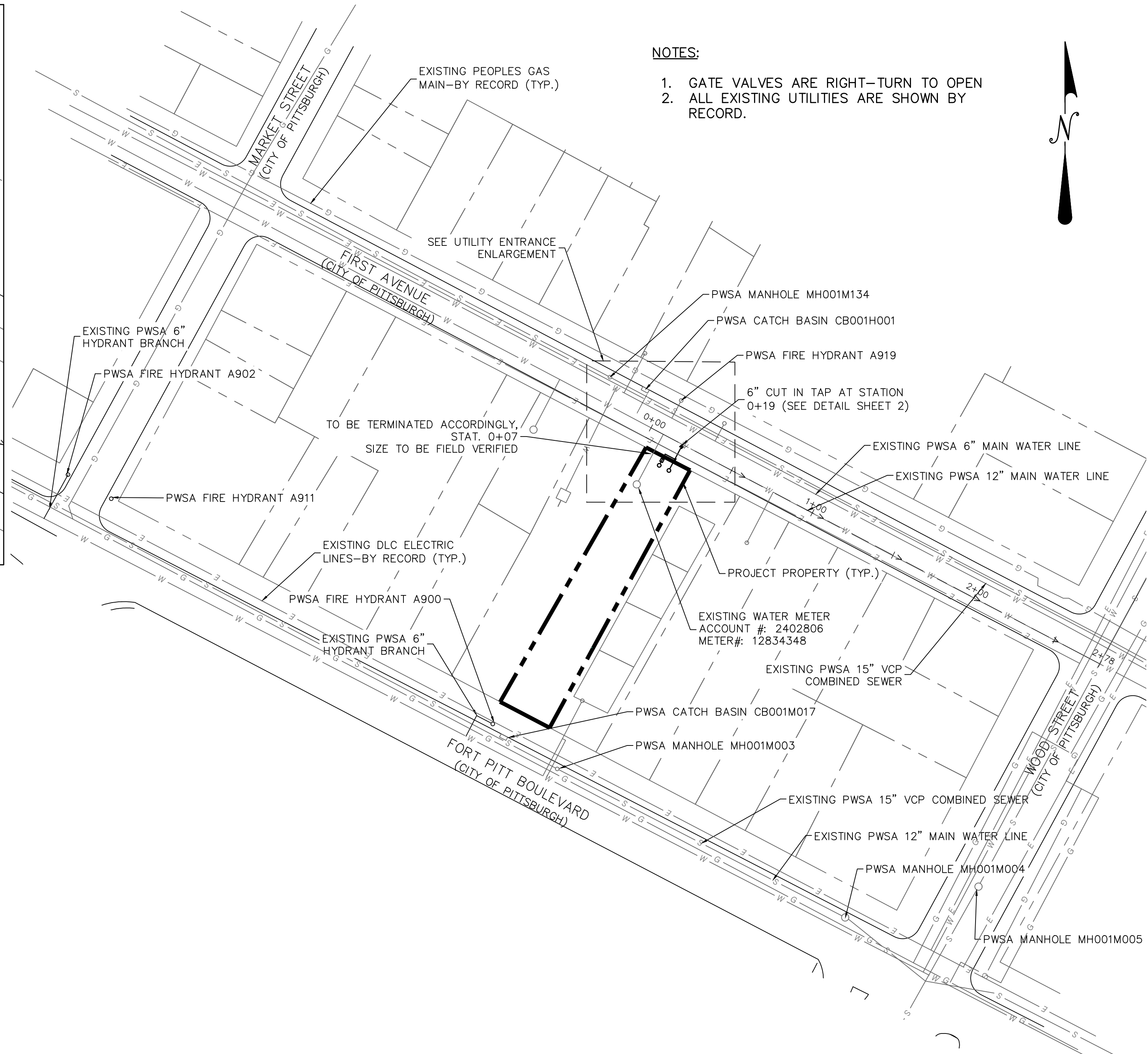
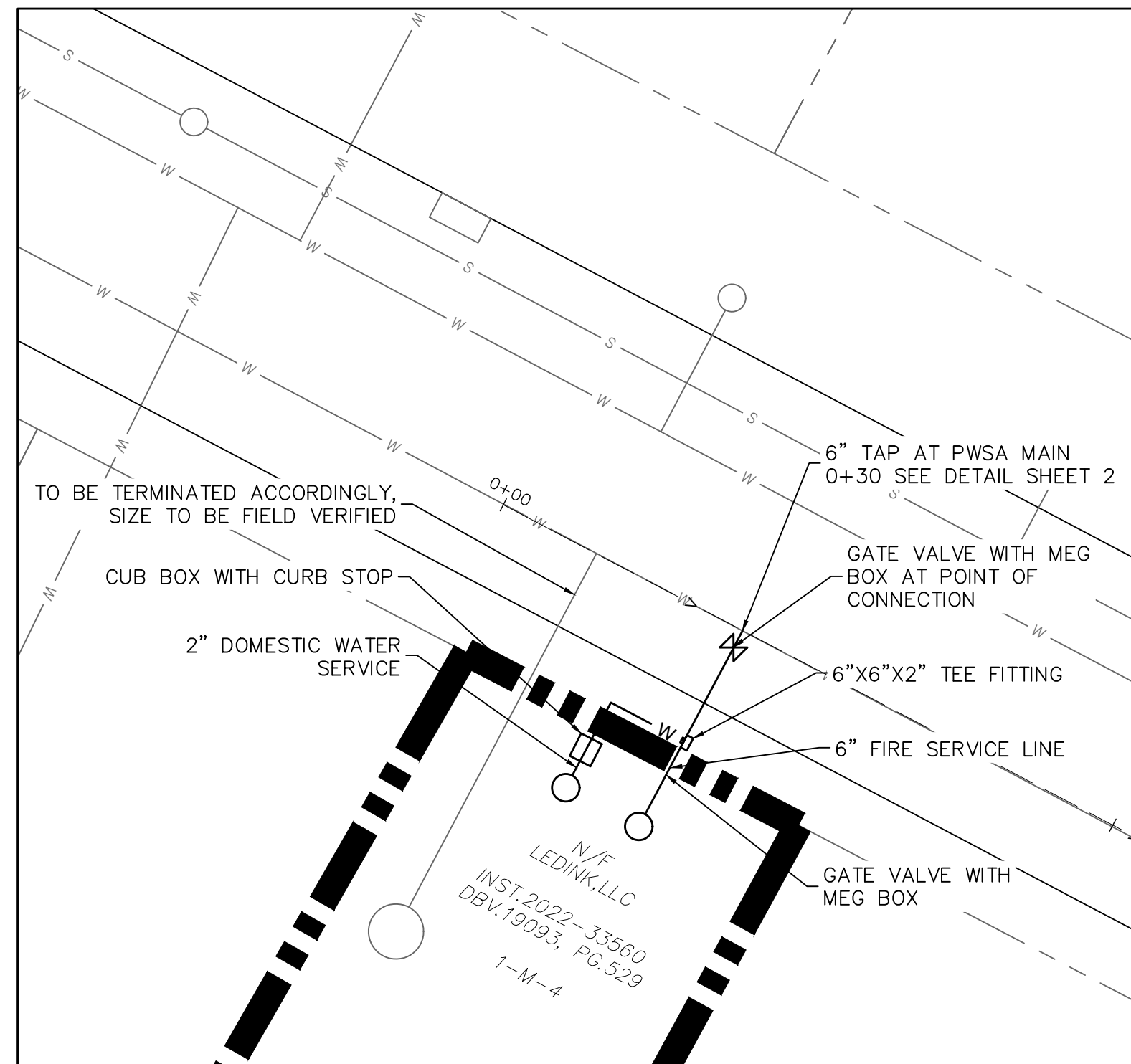
A PNHP Partner



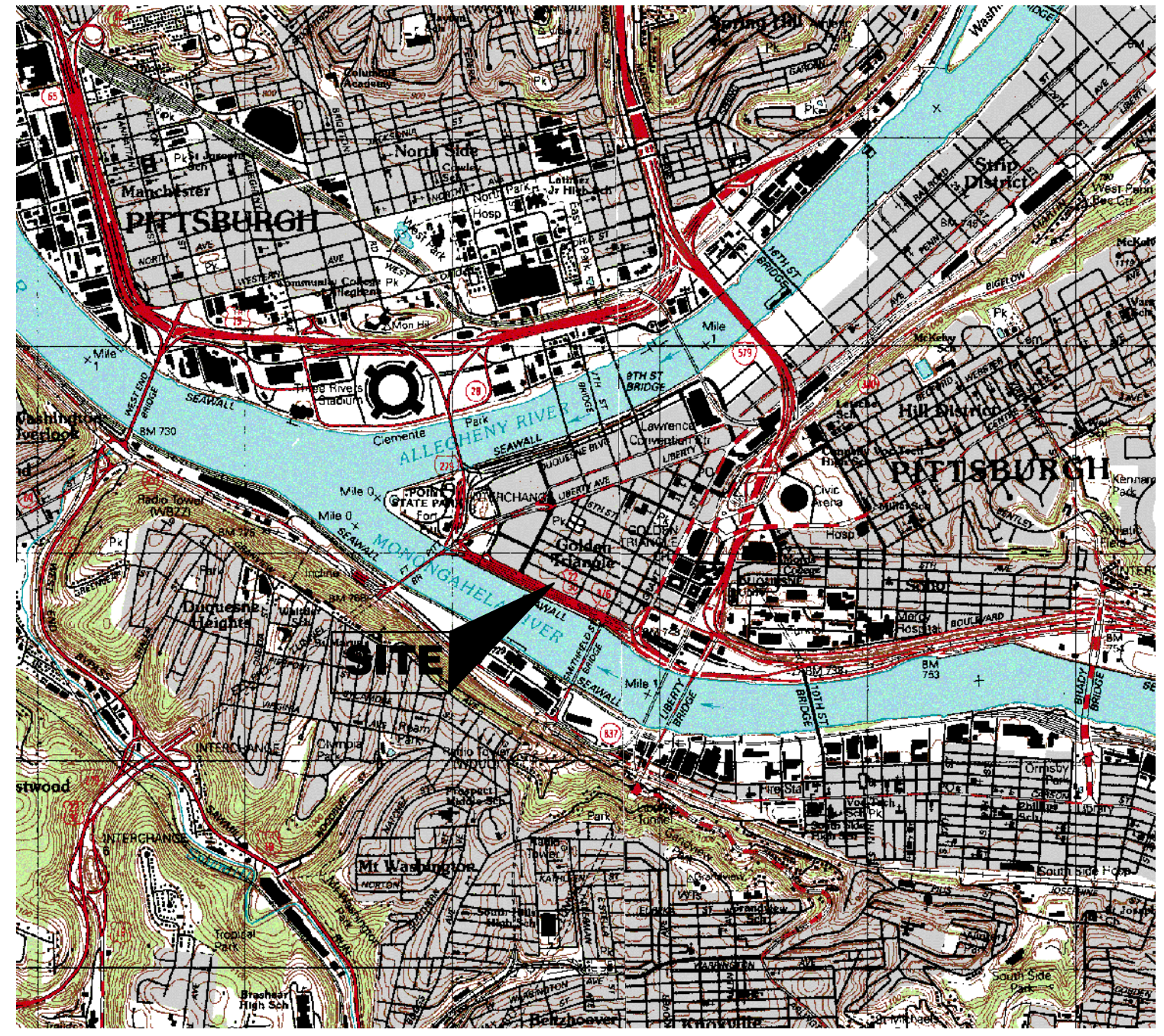
Pennsylvania Natural Heritage Program

SLG/slg





- NOTES:**
- GATE VALVES ARE RIGHT-TURN TO OPEN
  - ALL EXISTING UTILITIES ARE SHOWN BY RECORD.



USGS QUADRANGLE MAP  
PITTSBURGH WEST, PA  
SCALE: 1" = 2000'

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	5/8" x 3/4"	POSITIVE DISPLACEMENT	FIRE	N/A	N/A	750	65
1	1"	POSITIVE DISPLACEMENT	DOMESTIC	45	70	N/A	N/A

METER SIZE: 5/8", 3/4", 1", 2", 3", 4", 6", 8", 10", 12", 16"  
METER TYPE: POSITIVE DISPLACEMENT, COMPOUND, ELECTROMAGNETIC, ULTRASONIC, TURBINE  
METER USE: DOMESTIC, FIRE, COMBINATION

PEAK DAILY SANITARY FLOW DEMANDS	
To be completed by the Applicant and provided once within the plan set, if applicable:	
PROJECT FLOW, GPD	1,550
EXISTING FLOW, GPD	190
NET FLOW, GPD	+1,360

**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-393-0124

TAP C RECORD NUMBER

**SPRINKLER SYSTEM DESIGN INFORMATION**

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

ADDRESS(ES): 227 FORT PITT BLVD

DESIGNED BY: BARTON & LOGUIDICE

**TYPE OF SYSTEM** (Check one)

- 13D    13  
 13R    OTHER: \_\_\_\_\_

**SYSTEM CONFIGURATION** (Check one)

- STAND-ALONE SPRINKLER SYSTEM  
 MULTI-PURPOSE SPRINKLER SYSTEM

**HOSE DEMANDS** (N/A for 13D systems)

INSIDE HOSE DEMAND, GPM N/A  
OUTSIDE HOSE DEMAND, GPM 250

**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.

**HYDRANT FLOW TEST RESULTS**

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

DATE OF TEST 4/25/2023

HYDRANT PERMIT NUMBER HYD-406-0423

PERFORMED BY JARRON GASS

**PRESSURE HYDRANT**

HYDRANT NUMBER A902

LOCATION 1 MARKET STREET

STATIC PRESSURE, PSI 95

RESIDUAL PRESSURE, PSI 92

**FLOW HYDRANT**

HYDRANT NUMBER A900

LOCATION 227 FORT PITT BLVD

FLOW OBSERVED, GPM 1585

**CALCULATIONS \***

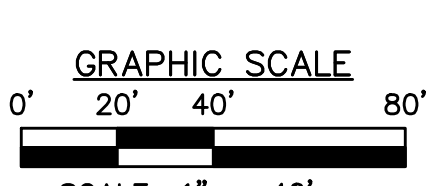
PROJECTED FLOW AT 20 PSI, GPM 8921.4

\* Per NFPA 291 (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.

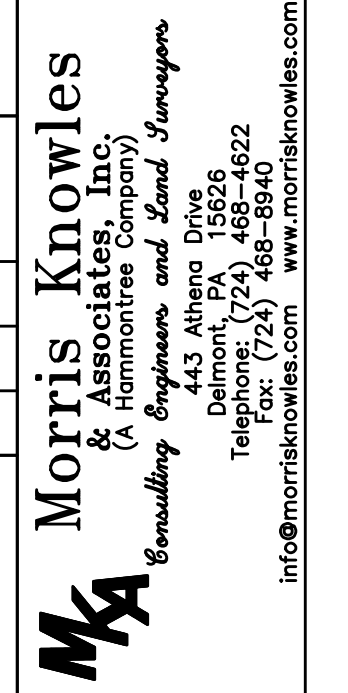
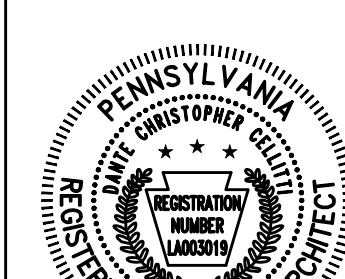
CALL BEFORE YOU DIG  
IN PENNSYLVANIA  
1-800-242-1776  
DESIGN SN: 20233311476



Know what's below  
Call before you dig



THE GENERAL CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES INVOLVED IN THE SITE NO MORE TEN DAYS AND NO LESS THAN THREE DAYS IN ADVANCE OF EXCAVATION (PA ACT 287 OF 1974 AMENDED BY ACT 50 OF 2017). PA STATE LAW REQUIRES 3 WORKING DAYS NOTICE.



**TAP TERMINATION / TAP PLAN**  
**FT. PITT BOULEVARD MIXED USE**  
prepared for  
CANZIAN/JOHNSTON AND ASSOCIATES LLC  
situated in  
CITY OF PITTSBURGH, ALLEGHENY COUNTY, PENNSYLVANIA

SHEET NO. SHEET 1  
DWG. PATH: P:\DWG\BUREAU\CAN\424\1814.FT.Pitt.Mixed.Use - Pittsburgh\CD\1814 - FT.Pitt.Boulevard.dwg  
LAST SAVE: Jul 12, 2024 - 4:49pm

REVISION BY:	DATE:	DESCRIPTION:

DESIGNED BY: DES	DESIGNED BY: RVD	DATE: MO YEAR	PROJ. NO.:
REVIEWED BY: DRW	REVIEWED BY: DRW	DATE: MO YEAR	PROJ. NO.:
DATE: MO YEAR	DATE: MO YEAR	DATE: MO YEAR	DATE: MO YEAR

SCALE:  
1" = 40'