

Form



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

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 Wilford A. Payne Medical Building

2. Brief Project Description The Primary Care Health services, Inc. is proposing to construct a new 3-story building at 7227 Hamilton Avenue, Pittsburgh, PA 15208 to replace the existing Alma medical center in the site with new parking lot and stormwater facilities to serve the site. Tap-in plans and SFPM are required..

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
Layman	Corey			Asst. Planning Director
Additional Individual Last Name	First Name	MI	Suffix	Title
Prendergast	Kyla			Planner (Development Review)
Municipality Mailing Address Line 1		Mailing Address Line 2		
City-Council Building.		414 Grant St.		
Address Last Line -- City		State	ZIP+4	
Pittsburgh		PA	15219	
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
12-255-2473		zoning@pittsburgh.org		

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

Wilford A. Payne Medical Building

Site Location Line 1

7227 Hamilton Avenue

Site Location Line 2

Site Location Last Line -- City

Pittsburgh

State

PA

ZIP+4

15208-1814

Latitude

40.4545917

Longitude

79.8960321

Detailed Written Directions to Site Head Northeast on I-376E toward US-30E, Exist 78B, Ramp for PA-8N, Turn Right onto Wood St., Road name changes to Oakwood St., Turn Left on Hamilton Avenue, The last interesection before the destination isAlbion St.

Description of Site The site currently contains existing Alma Medical Center Building in the site and Paved Paeking Lot and green open space. The proposed project is to replace the existing building by an 3-story building and new parking lot.

Site Contact (Developer/Owner)

Last Name

Hollins

First Name

John

MI Suffix

Phone

412-244-4964

Ext.

Site Contact Title

Associate Financial Director

Site Contact Firm (if none, leave blank)

Primary Health Care Services, Inc.

FAX

Email

jhollinspchsppitt@org

Mailing Address Line 1

7227 Hamilton Avenue

Mailing Address Line 2

Mailing Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

15208-1814

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

Last Name

Domat

First Name

Sanaa

MI

Suffix

Title

Civil Eng.

Consulting Firm Name

A&A Consultants, Inc.

Mailing Address Line 1

1800 Pine Hollow Road, Suite 4A

Mailing Address Line 2

Address Last Line -- City

McKees Rocks

State

PA

ZIP+4

15136

Country

USA

Email

sdomat@aaconsultinc.com

Area Code + Phone

412-323-2200

Ext.

Area Code + FAX

412-323-2202

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 18.50

Connections 1

Name of:

existing collection or conveyance system Formosa Way- 15" Dia VCP Compined

owner The Pittsburgh Water and Sewer Authority

existing interceptor Allegheny River Interceptor

owner The Allegheny County Sanitary System

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 PA25984

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

Agent Signature Steven Bristol Date 1/12/23

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

4. WETLAND PROTECTION

YES NO

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

5. PRIME AGRICULTURAL LAND PROTECTION

YES NO

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

6. HISTORIC PRESERVATION ACT

YES NO

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

(CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES

Check one:

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

Applicant or Consultant Initials _____

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

- An alternative sewage facilities analysis has been prepared as described in Section H of the attached instructions and is attached to this component.
The applicant may choose to include additional information beyond that required by Section H of the attached instructions.

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

1. Waters designated for Special Protection

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

2. Pennsylvania Waters Designated As Impaired

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

3. Interstate and International Waters

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

4. Tributaries To The Chesapeake Bay

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

Name of Permittee Agency, Authority, Municipality _____

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

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

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

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

1. Project Flows 7,400 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	802,955	2,810,343	7,116	24,905	9,692	33,920
Conveyance		28,900,000	6,120,000	6,580,000	6,196,000	6,661,000
Treatment		250,000,000	191,500,000	250,000,000	228,342,000	295,000,000

3. Collection and Conveyance Facilities

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

YES NO

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

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

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

b. Collection System

Name of Agency, Authority, Municipality PWSA

Name of Responsible Agent Robert Herring

Agent Signature *Robert Herring* Robert Herring
2022.12.19 13:14:56 -05 Date 12/19/2022

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

Agent Signature Steven Bristol

Date 1/12/23

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

Agent Signature Steven Bristol

Date 1/12/23

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 7400 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 ALCOSAN _____

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.

Sanaa Domat	<i>sanaa domat</i>
Name (Print)	Signature
Civil Engineer	12-12-2022
Title	Date
1800 Pine Hollow Road, Suite 4A	412-323-2200
Address	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 \$ 228 payable to "Commonwealth of PA, DEP". Include DEP code number on check. I understand DEP will not begin review of my project unless it receives the fee and determines the fee is correct. If the fee is incorrect, DEP will return my check or money order, send me an invoice for the correct amount. I understand DEP review will NOT begin until I have submitted the correct fee.
- I request to be exempt from the DEP planning module review fee because this planning module creates **only** one new lot and is the **only** lot subdivided from a parcel of land as that land existed on December 14, 1995. I realize that subdivision of a second lot from this parcel of land shall disqualify me from this review fee exemption. I am furnishing the following deed reference information in support of my fee exemption.

County Recorder of Deeds for _____ County, Pennsylvania

Deed Volume _____ Book Number _____

Page Number _____ Date Recorded _____

R. REVIEW FEE (continued)

Formula:

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

$$\# \underline{\hspace{2cm}} \text{ Lots (or EDUs) X } \$50.00 = \$ \underline{\hspace{2cm}}$$

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
- For community sewer system projects, one EDU is equal to a sewage flow of 400 gallons per day.

2. For a surface or subsurface discharge system, use the appropriate one of these formulae.

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

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

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

$$\# \underline{6.5} \text{ Lots (or EDUs) X } \$35.00 = \$ \underline{228}$$

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)



A&A CONSULTANTS, INC.
1800 Pine Hollow Road, Suite 4A
McKees Rocks, PA 15136

Telephone: (412) 323-2200
Fax: (412) 323-2202

Civil, Structural & Geotechnical Engineers

Project Narrative:

Wilford A. Payne Medical Building

7227 Hamilton Avenue, Pittsburgh PA 15208
City of Pittsburgh, Allegheny County, Pennsylvania

Project Description:

Our client intends to build a 40,000-47,000 square-foot Medical Building to replace the existing on-site facility - the Alma Illery Medical Building and Primary Care Health Services headquarters at 7227 Hamilton Ave, Pittsburgh, PA 15208. The new facility will have both patient services and partner/nonprofit agency services in one complex.

The project will bordered by Hamilton Avenue, Sterrett Street, Formosa Way and Zenith Way in ward 13 of City of Pittsburgh, Homewood Section.

The project involves the demolition of an Existing Medical Buildings and build a new Medical Building with new Parking Lot and Stormwater facilities.

Sanitary Sewage Flow

The planned construction of the future sanitary connection for the new building will be connected to and served by the public sanitary sewer system.

The development proposes a wastewater collection system that will add approximately one (6.5) EDU's to the A-42 Sewer shed. Appropriate DEP documentation including the Component 3 and Component 4A forms will be submitted to the City of Pittsburgh for review and signature for the project.

Existing Collection or conveyance system: Formosa Way. 15" diameter, VCP/Owner: The Pittsburgh and sewer Authority. Existing Interceptor: Allegheny County River Interceptor/ Owner The Allegheny County Sanitary Sewer.

The Peak Proposed Sanitary Flow is 7,400 gpd figured out per PWSA developer's Manual "Flow Estimate Calculations" and Table 3.1 for Peak Daily Wastewater Flow Estimates.

Total Acreage of the project site is 1.48 acres located in parcel Tax ID 174-N-77 in Homewood Section, ward 13 of The City of Pittsburgh .

Water Usage

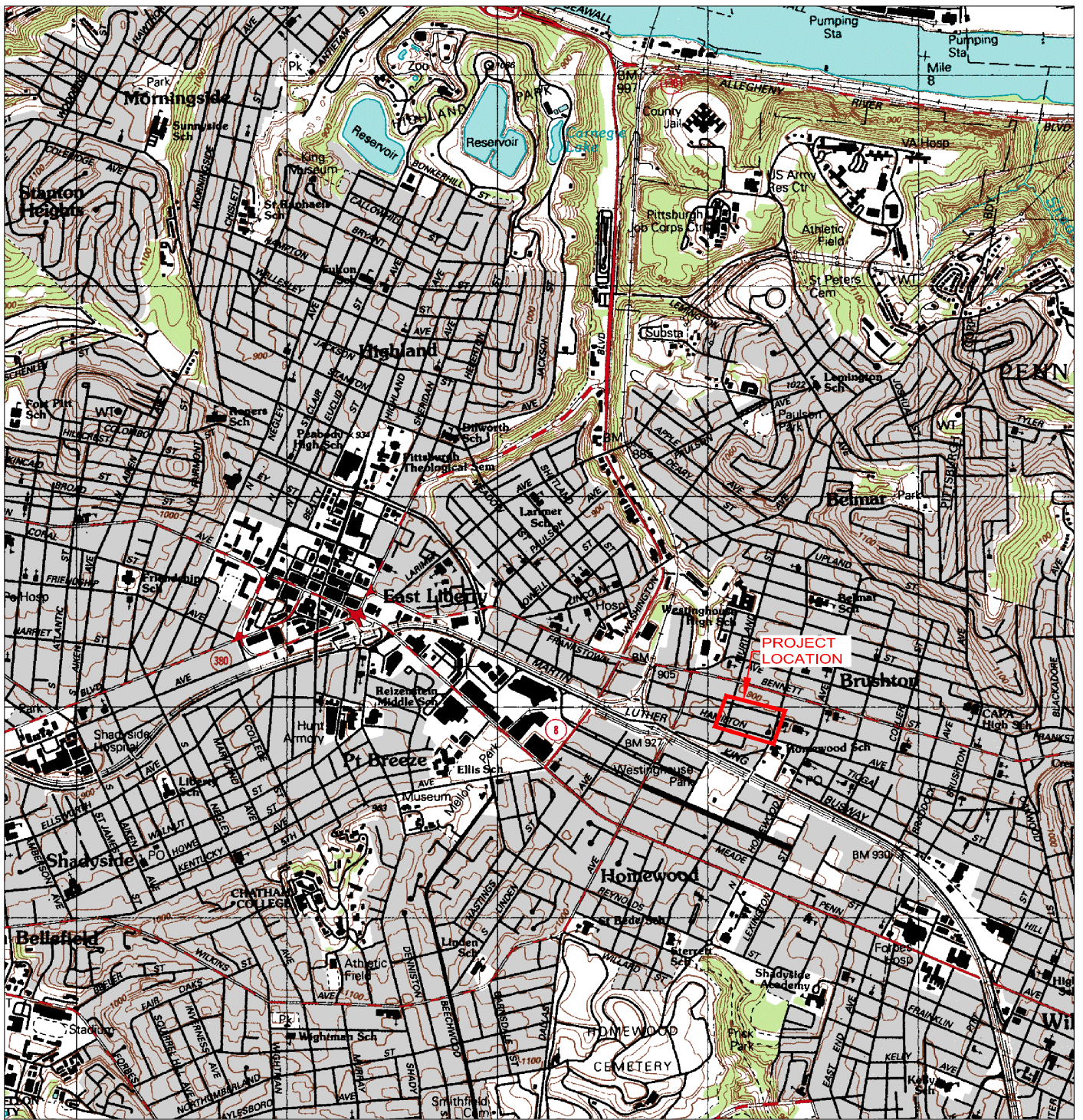
Water service will be provided by the Pittsburgh Water and Sewer Authority (PWSA) via a future 3" tap. An availability letter from PWSA has been provided and is attached.

Sanitary Sewage Flow Peak Measurements

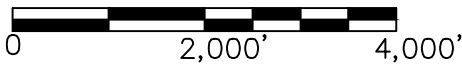
The most limited capacity sewer is at MH174N032 was provided by PWSA. The A&A field crew went out on December 8, 2022 for one hour between 7:00 AM to 8:00 AM. The flow depth was observed and taken at 7:00 AM, 7:15 AM, 7:30 AM, 7:45 AM and 8:00 AM. No flow was recorded for the 5 measurements between 7:00AM and 8:00 AM

The data used in the spreadsheet for the limiting sewer was from field crew at MH174N032.

The flow depth calculated to be one-inch in the Access MLCS MH174N032.



PITTSBURGH EAST, PA U.S.G.S. QUADRANGLE



OCTOBER 11, 2022

FIGURE 1

WILFORD PAYNE A. MEDICAL BUILDING
7227 HAMILTON AVE.
PITTSBURGH, PA 15208

CITY OF PITTSBURGH
ALLEGHENY COUNTY



A&A Consultants Inc.
1800 PINE HOLLOW ROAD, SUITE 4A
McKESS ROCKS, PA 15136
Phone: (412) 323-2200 Fax: (412) 323-2202

PROJECT LOCATION



06/03/2022

Sanaa B. Domat
A&A Consultants, Inc
1800 Pine Hollow Rd Ste 4A, Mc Kees Rocks

RE: Water and Sewer Availability
7227 Hamilton Ave, Pittsburgh PA 15208-1814

Dear Sanaa B. Domat

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

6" Hamilton Avenue
6" Formosa Way
8" Sterrett Street

Sewer service available: Yes 12" Sterrett Street

15" Hamilton Avenue
15" Formosa 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,

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

Wendy M. Dean
Engineering Tech II

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 7,400 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	802,955	2,810,343	7,116	24,905	9,692	33,920
Conveyance						
Treatment						

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. 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  Date 12/19/2022

Robert Herring
2022.12.19 13:14:56 -05
00



January 12, 2023

Members of the Board

Sylvia C. Wilson
Chair Person

Shannah Tharp-Gilliam, Ph.D.

Harry Readshaw

Emily Kinkead

Paul Klein

Theresa Kail-Smith

Darrin Kelly

Arletta Scott Williams
Executive Director

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

Michelle M. Buys, P.E.
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Kimberly N. Kennedy, P.E.
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Engineering & Construction*

Karen Fantoni, CPA, CGMA
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Michael Lichte, P.E.
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Regional Conveyance*

Jeanne K. Clark
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Governmental Affairs*

Joseph Vallarian
*Director
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Julie Motley-Williams
*Director
Administration*

Phil Cole
*Chief Information Officer
Information Technology*

Sanaa Domat
A&A Consultants, Inc.
1800 Pine Hollow Road
McKees Rocks, PA 15136

**Re: Wilford A. Payne Medical Building
City of Pittsburgh – Allegheny County
PA DEP Sewage Facilities Planning Module
ALCOSAN Regulator Structure A-42-00**

Dear Ms. Domat,

We have reviewed the Component 3 Planning Module for the referenced project to be located at 7227 Hamilton Avenue in the City of Pittsburgh. The project will generate a peak flow of 7,400 gpd in the ALCOSAN Allegheny River Interceptor and Woods Run Treatment Plant.

The capacity of the ALCOSAN A-42-00 regulator structure is approximately 28.9 MGD. The estimated peak dry weather flow is approximately 6.58 MGD. Therefore, dry weather capacity exists for this connection. However, the Allegheny 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 412-742-1530.

Sincerely,

ALLEGHENY COUNTY SANITARY AUTHORITY

Steven Bristol
Project Engineer I

Attachment

cc: C. Dean (w/o attachment)
D. Thornton (w/o attachment)
M. Lichte (w/o attachment)

Robert Herring/ PWSA (w/o attachment)
Thomas Flanagan/PADEP (w/o attachment)
Fred Fields/ACHD (w/o attachment)



SEWAGE FLOW PATH MAP

WILFORD PAYNE MEDICAL BUILDING – 7227 HAMILTON AVE., PITTSBURGH PA 15208

1. PROJECT INFORMATION

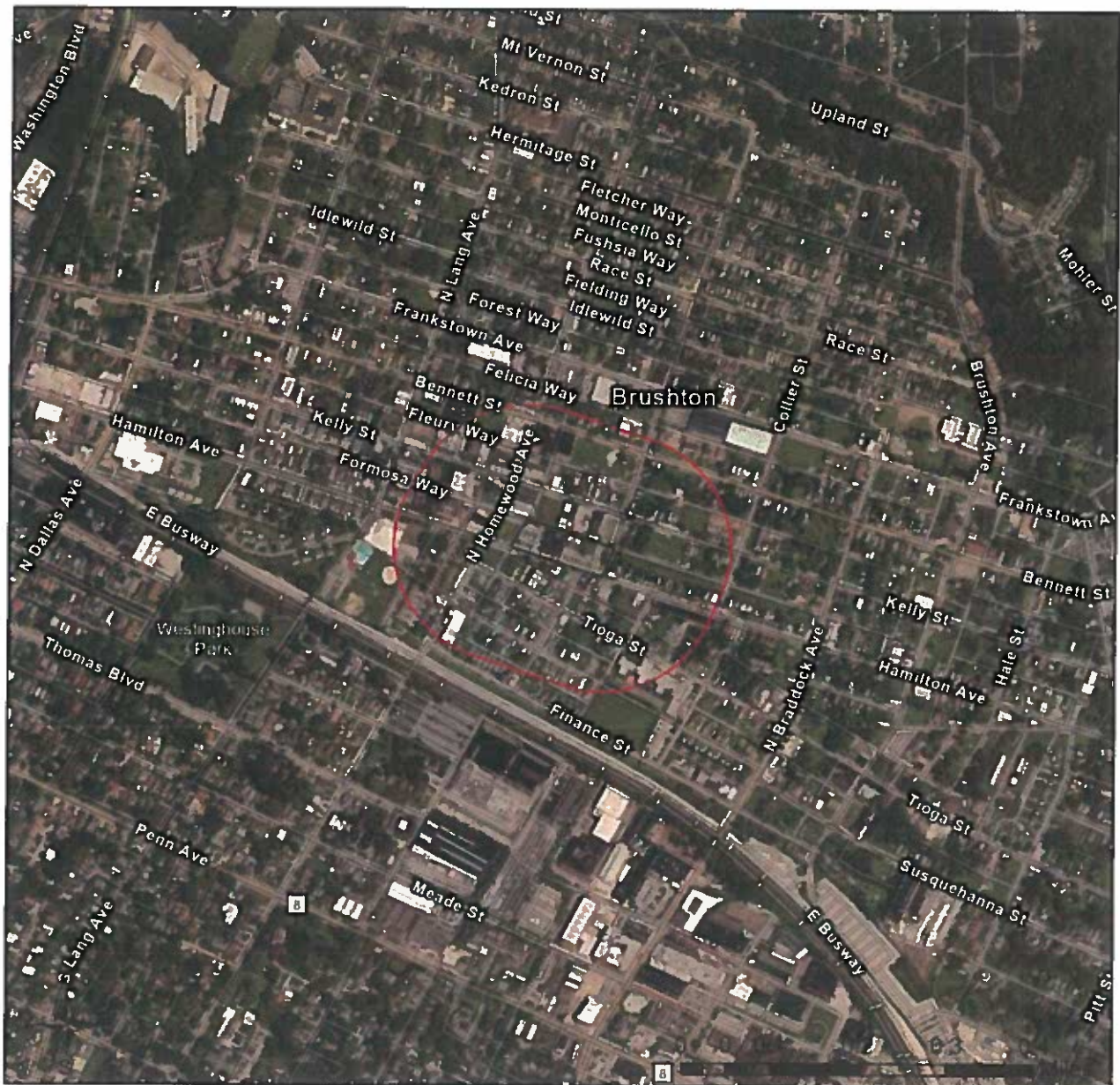
Project Name: **Wilford A. Payne Medical Building**
Date of Review: **9/29/2022 04:00:53 PM**
Project Category: **Development, Other**
Project Area: **2.03 acres**
County(s): **Allegheny**
Township/Municipality(s): **PITTSBURGH**
ZIP Code:
Quadrangle Name(s): **PITTSBURGH EAST**
Watersheds HUC 8: **Lower Allegheny**
Watersheds HUC 12: **Allegheny River-Ohio River**
Decimal Degrees: **40.454549, -79.896032**
Degrees Minutes Seconds: **40° 27' 16.3771" N, 79° 53' 45.7157" W**

2. SEARCH RESULTS

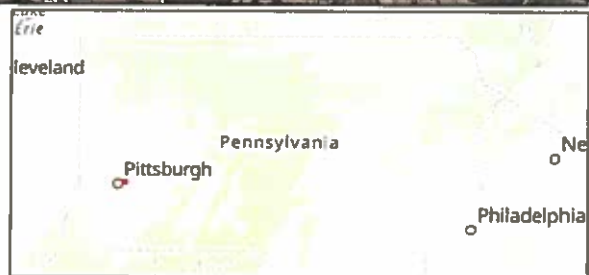
Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
U.S. Fish and Wildlife Service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

Wilford A. Payne Medical Building

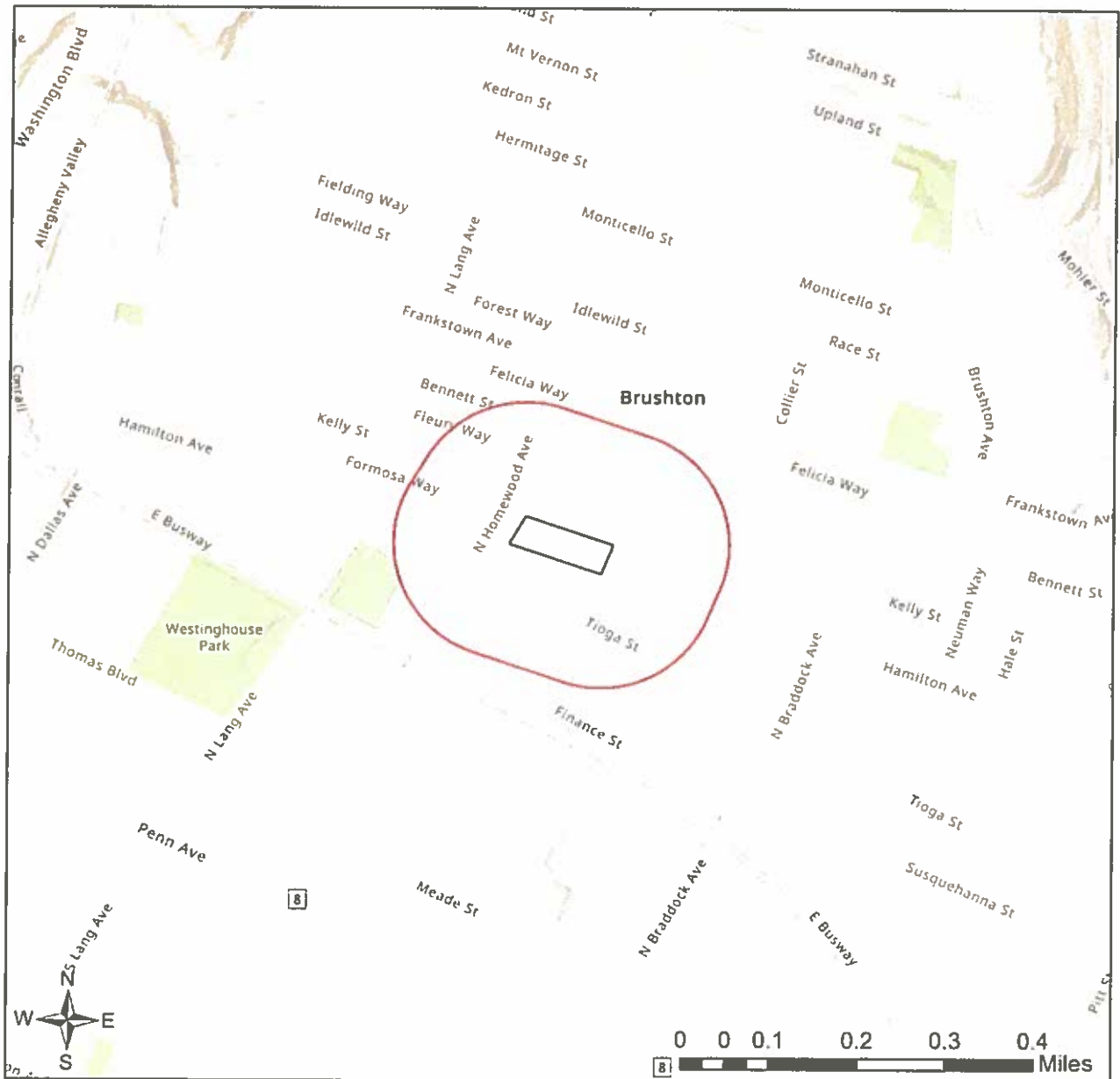


-  Buffered Project Boundary
-  Project Boundary

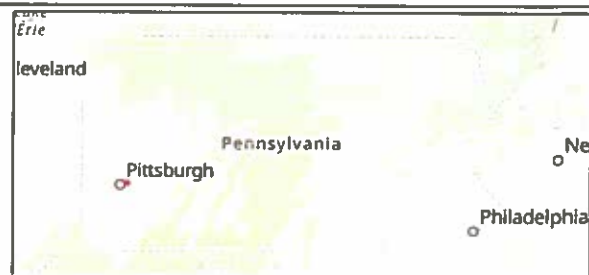


Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatalystyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Wilford A. Payne Medical Building



- 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
Sensitive Species**		Endangered

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 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

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

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: Sanaa Domat
Company/Business Name: A&A Consultants, Inc
Address: 1800 Pine Hollow Road, Suite 4A
City, State, Zip: McKees Rocks, PA 15136
Phone: (412) 323-2200 Fax: (412) 323-2702
Email: domat@aconsulting.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.

Sanaa Domat
applicant/project proponent signature

9-4-2022
date



October 6, 2022

IN REPLY REFER TO

SIR# 56851

A&A Consultants
Sanaa Domat
707 East Street
Pittsburgh, Pennsylvania 15212

**RE: Species Impact Review (SIR) – Rare, Candidate, Threatened and Endangered Species
PNDI Search No. 769520_2
Wilford A. Payne Medical Building
Pittsburgh City: ALLEGHENY County**

Dear Sanaa Domat:

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 Christopher A. Urban at 814-359-5113 or curban@pa.gov and refer to the SIR # 56851. Thank you for your cooperation and attention to this important matter of species conservation and habitat protection.

Sincerely,

A handwritten signature in black ink that reads "Christopher A. Urban". The signature is written in a cursive style with a large, prominent initial "C".

Christopher A. Urban, Chief
Natural Diversity Section

/CAU/dn



A&A CONSULTANTS, INC.
1800 Pine Hollow Road, Suite 4A
McKees Rocks, PA 15136

Telephone: (412) 323-2200
Fax: (412) 323-2202

Civil, Structural & Geotechnical Engineers

Component 3 Section H Alternative Sewage Facilities

Wilford A. Payne Medical Building

7227 Hamilton Avenue, Pittsburgh PA 15208
City of Pittsburgh, Allegheny County, Pennsylvania

Proposed Sewage Facilities:

The development proposes an ultimate collection system that will add approximately (18.5) EDU's to the A-42 sewage system at one (1) connection point to the Formosa Way 15" Combined Sewer

All the sewage will flow through, Homewood South, Highland Park, Lincoln-Lemington-Belmar, Larimer, Central Business District, Homewood West, Morningside, Upper Lawrenceville, Chateau, Strip District, Marshall-Shadeland, central Lawrenceville, Lower Lawrenceville where it reaches the ALCOSAN conveyance system where it flows by gravity to the ALCOSAN Water Treatment Plant (NPDES Permit# PA0025984) for treatment

Alternative Sewage Facilities Analysis:

An alternative option (option 2) would be to utilize an on lot system within the development area. The topography and the density of adjacent commercial and residential zones limit the potential area that can support the on-lot method. This system is impractical to build and operate successfully over time and has been discounted in the evaluation.

1- The chosen disposal method is option 1, an ultimate method, and that is to connect to the existing combined sewer. The flow for the development is 7,400 gpd or 18.5 EDU's. there are currently 4800 gpd or 12 EDU's. the new development will add 6.5 EDU's to existing sewer system.

2- the surrounding properties are zoned commercial and residential. They are served by the municipal collection of City of Pittsburgh. Regional conveyance and treatment by Allegheny County Sanitary Authority (ALCOSAN).

3-At this time there is no indication that there is a need of improvement to the sewage facilities in #2 above. The regional conveyance and ALCOSAN has capacity to serve the land uses.

4- The preferred method of sewage in City of Pittsburgh is Public sewer.

5- There are no existing sewage management programs in the area.

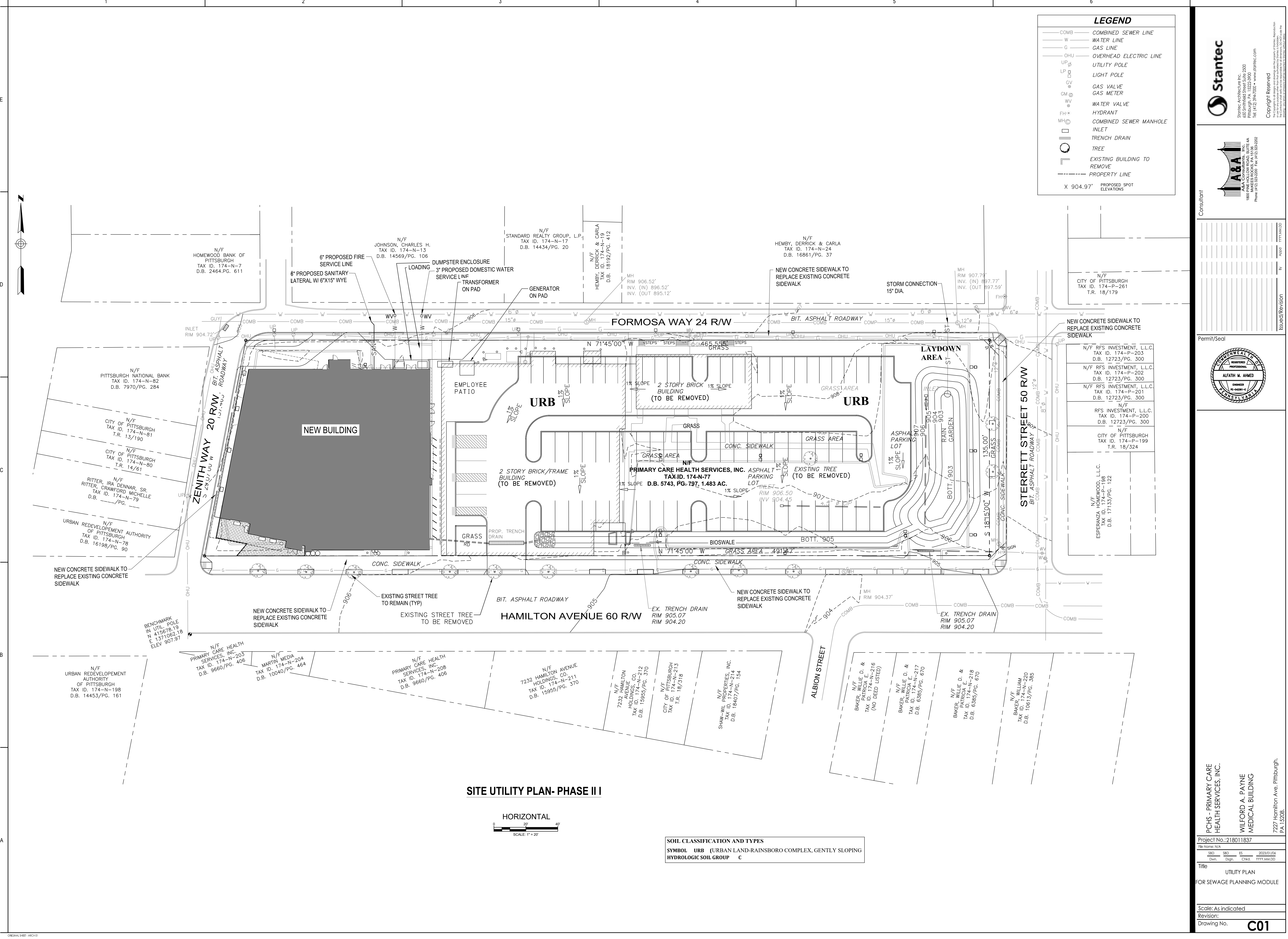
6- The chosen method of tapping into an existing gravity sanitary system to serve the proposed development would serve the short and long term needs because it can convey the required 7,400 gpd (18.5 EDU's) to meet the full development of the site. There is an increase of (6.5 EDU's) to the existing EDU's in use at project site.

Option 2 was not chosen because on-lot sewerage is not recommended in areas of dense commercial and residential use.

7- An area of concern for picking the preferred disposal method was the need to avoid unnecessary earth disturbance and avoid methods that would have long term maintenance concerns that could degrade the environment.

- The topography and soils will not work for subsurface absorption system and the flow is too large.
- The sewage treatment plant to be utilized is the existing ALCOSAN facility that is permitted through PADEP.
- The existing sewage collection system is adequately sized to accept the increase in flow.
- The chosen disposal method is the most cost effective for the developer as it will require the least amount of public infrastructure improvements to service the development. This method will minimize, to the highest extent practicable, the long-term maintenance costs for the new collection system.

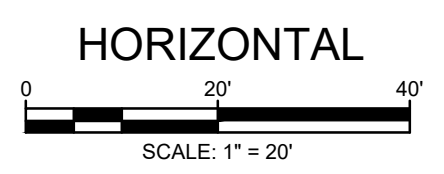
8- the existing and proposed collection system will be owned and operated by Pittsburgh and Water and Sewer Authority.



LEGEND

- COMB — COMBINED SEWER LINE
- W — WATER LINE
- G — GAS LINE
- OHU — OVERHEAD ELECTRIC LINE
- U — UTILITY POLE
- L — LIGHT POLE
- G V — GAS VALVE
- W V — WATER VALVE
- FH — HYDRANT
- MH — COMBINED SEWER MANHOLE
- I — INLET
- T — TRENCH DRAIN
- T — TREE
- [Symbol] — EXISTING BUILDING TO REMOVE
- [Symbol] — PROPERTY LINE
- X 904.97' — PROPOSED SPOT ELEVATIONS

SITE UTILITY PLAN- PHASE II I



SOIL CLASSIFICATION AND TYPES
SYMBOL URB (URBAN LAND-RAINBORO COMPLEX, GENTLY SLOPING)
HYDROLOGIC SOIL GROUP C

Stantec
 Stantec Architecture Inc.
 1800 PINE HOLLOW ROAD, SUITE 4A
 PITTSBURGH, PA 15222-3900
 Phone: (412) 384-7000 • www.stantec.com

PCHS
 PRIMARY CARE HEALTH SERVICES, INC.
 7227 Hamilton Ave., Pittsburgh, PA 15208

Consultant

By	Appr	Date

Permit/Seal

ALFATH M. AHMED
 ENGINEER
 STATE OF PENNSYLVANIA

Project No.: 218011837

Rev. Name: N/A

Rev	By	Date	Description
1		2023/01/04	

Title: UTILITY PLAN
 FOR SEWAGE PLANNING MODULE

Scale: As indicated

Revision:

Drawing No. **C01**