

SEWAGE FACILITIES PLANNING MODULE COMPONENT 3

32 39th Street

SITUATE IN:

CITY OF PITTSBURGH
ALLEGHENY COUNTY, PENNSYLVANIA

PREPARED FOR:

Incheon Ventures, LLC 1212 New York Ave NW Suite 1000 Washington, DC, 20005-6127

PveProject #202100155

March, 23, 2023



ALLEGHENY

May 2, 2023

Cole Finton, Civil E.I.T. PVE, LLC 2000 Georgetown Drive, Suite 101 Sewickley, PA 15143

RE: SEWAGE FACILITIES PLANNING MODULE; ALLEGHENY COUNTY

32 39th Street, City of Pittsburgh

Dear Mr. Finton:

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 May 1, 2023. The project proposes the following:

Project Description: The proposed project includes the complete demolition of the

structures on the parcel, to prepare for construction of a 359-unit multi-family apartment building with studio, 1-, 2-, and 3-bedroom apartments spread over 5 floors above ground floor

parking.

Sewage Flow: 70,076 GPD

Conveyance: Project will tap into rerouted 18" combined sewer at

38th Street, then to the Allegheny River Interceptor at A-26-00, and the ALCOSAN Woods Run Treatment Plant.

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.







Mr. Cole Finton Civil E.I.T. May 2, 2023 Page 2

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

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

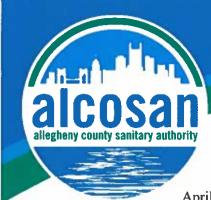
Sincerely,

Gina Caliguri

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

Enclosure

cc: Mahbuba Iasmin, PA Department of Environmental Protection w/attachment Drew Grese, ACHD w/attachment



April 21, 2023

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Cole Finton, E.I.T.

PVE

Waterfront Corporate Park III

2000 Georgetown Drive, Suite 101

Sewickley, PA 15143

Re: 32 39th Street

City of Pittsburgh- Allegheny County
PA DEP Sewage Facilities Planning Module
ALCOSAN Regulator Structure A-26-00

Dear Mr. Finton,

We have reviewed the Component 3 Planning Module for the referenced project to be located at 32 39th Street, City of Pittsburgh. The project will generate a peak flow of 70,076 gpd in the ALCOSAN Allegheny River Interceptor and Woods Run Treatment Plant.

The capacity of the ALCOSAN A-26-00 regulator structure is approximately 1.27 MGD. The estimated peak dry weather flow is approximately 0.10 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 412-734-8735.

Sincerely,

ALLEGHENY COUNTY SANITARY AUTHORITY

Joe Fedor

Attachment

cc

C. Dean (w/o attachment)D. Thornton (w/o attachment)

M. Lichte (w/o attachment)

R. Herring/PWSA (w/o attachment)
Mahbuba Iasmin/PADEP (w/o attachment)
Gina Caliguri/ACHD (w/o attachment)





Waterfront Corporate Park III 2000 Georgetown Drive, Suite 101 Sewickley, PA 15143 724.444.1100

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April 11, 2023 202100155

Mr. Michael Lichte, P.E., Manager of Planning Allegheny County Sanitary Authority (ALCOSAN) 3300 Preble Avenue Pittsburgh, PA 15233-1092

RE: Sewage Facilities Planning Module for

32 39th Street

City of Pittsburgh, Allegheny County

Mr. Lichte:

Please find enclosed the Planning Module Component 3 prepared for the above referenced project for you to review. If the information provided is acceptable, please include your flow data in Section J and sign in the appropriate locations.

Incheon Ventures LLC is proposing to demolish the existing warehouse and office structures and construct a 359-unit multi-family apartment building with studio, 1-, 2-, and 3- bedroom apartments spread through 5 floors above ground floor parking. This lot was consolidated from multiple lots in December of 2010. Current and historic use of the site is light industrial, with warehouse and office space. The proposed development will include rerouting the 18"combined sewer from the northern end of Lodi Way westward down Foster and 38th Streets to join the 36" line under 38th Street at MH048H008. The flows will then be conveyed to an existing ALCOSAN interceptor and into the ALCOSAN sewage treatment plant. This development will generate an increase of approximately 70,076 gallons per day into the system.

Once we receive the signed and completed Component 3 and the completed Municipal and County reviews (Components 4A & 4C), we will make the appropriate number of copies and mail the entire Planning Module package to the City of Pittsburgh along with the required Resolution for Adoption by Council.

If you have any questions or require additional information, please do not hesitate to call.

Sincerely, PVE, LLC

RECEIVED 1111/23

Cole Finton, E.I.T. Enclosures

TABLE OF CONTENTS

• Sewage Facilities Planning Module – Component 3

• Appendix

- Site Location Map
- Soils Map

Supplement to Section E – Water Availability Letter from PWSA

Supplement to Section F – Project Narrative

Supplement to Section G.3 – Plot Plans for Sewage Facilities Planning Purposes

Supplement to Section G.4 – Wetland Protection

Supplement to Section H – Alternative Sewage Facilities Analysis

Supplement to Section J – Flow Table Footnotes and Dry Weather Flow Calculation

Supplement to Section J –
 Sewage Flow Path Map

Component 4A - Municipal Planning Agency Review

o Component 4C - County or Joint Health Department Review



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

Code No.	

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

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

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

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

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

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

A. PROJECT INFORMATION (See Section A of instructions)

- 1. Project Name 32 39th Street
- 2. Brief Project Description Demolition of existing structure for construction of a Multi-Story 324-unit residential apartment complex with first floor parking, including rerouting of utilities as necessary.

B. CLIENT (MUNICIPALITY) INFO	DRMATION (S	See Section B of instruction	ns)		
Municipality Name	County	City	Вс	oro	Twp
Pittsburgh	Allegheny	\boxtimes			
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title	
Prendergast	Kyla			Senior Envi	ironmental
Additional Individual Last Name	First Name	MI	Suffix	Title	
Municipality Mailing Address Line 1		Mailing Address Line 2			
Department of City Planning		200 Ross Street, Suite 4			
Address Last Line City		State	ZIP+4		
Pittsburgh		PA	15219		
Area Code + Phone + Ext.	FAX (optional)	Email ((optional)		
412-255-8800		kyla.pr	endergast@	pittsburghpa	a.gov

C. SITE INFORMATION (S	ee Section C of instruc	tions)				
Site (Land Development or Proje	ct) Name					
32 39th Street						
Site Location Line 1 32 39th Street		Site Loc	cation	Line 2		
Site Location Last Line City	State		ZIF	P+4	Latitude	Longitude
Pittsburgh	PA			201		
Detailed Written Directions to Site right onto Butler Street, turn Right A 39th and Foster Streets.						
Description of Site Current use of s 1,750 square feet of office space.	site is approximately 39	,000 squar	e fee	t of wareho	ouse buildings and a	pproximately
Site Contact (Developer/Owner)						
Last Name	First Name		MI	Suffix	Phone	Ext.
Hook	Kristen				202-607-2300	
Site Contact Title		Site Conta	act Fi	rm (if none	, leave blank)	
Development Manager		Incheon \	/entu	res, LLC		
FAX		Email				
		khook@d	aliand	developme	nt.com	
Mailing Address Line 1		Mailing A	ddres	s Line 2		
1212 New York Ave NW		Suite 100	0			
Mailing Address Last Line City		State		ZIF	P+4	
Washington DC			200	005-6127		
D. PROJECT CONSULTA	NT INFORMATION	See Sect	ion D	of instruct	ions)	
Last Name	First N	Name			MI	Suffix
Finton	Cole					
Title	Consi	ulting Firm	Name)		
Civil EIT	PVE,l					
Mailing Address Line 1		Mailing A	ddres	s Line 2		
2000 Georgetown Drive	_	Suite 101			-	
Address Last Line – City	State		ZIP+	·4	Country	
Sewickley	PA		1514	13	USA	
	a Code + Phone -444-1100	Ext.			Area Code	+ FAX
E. AVAILABILITY OF DRI		JPPLY				
The project will be provided v	<u> </u>	the follow	ing sc	ource: (Che	eck appropriate box)	
Individual wells or cistern	-					
	A proposed public water supply.					
<u> </u>	An existing public water supply.					
	If existing public water supply is to be used, provide the name of the water company and attach documentation					
irom the water company	from the water company stating that it will serve the project.					
Name of water company	PWSA					
F PROJECT NARRATIVE	(See Section F of inst	ructions)				

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)							
	serve	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			
		Cle	an Streams Law Permit N	umber				
		b.	Answer questions belov	w on collection system				
			Number of EDU's and p	proposed connections to be served by collect	ion system. EDU's 222			
			Connections 1					
			Name of:					
			-	onveyance system <u>38TH STREET (BELOW M</u>				
				VATER AND SEWER AUTHORITY (PWSA) LEGHENY RIVER INTERCEPTOR				
			· · ·	OUNTY SANITARY AUTHORITY (ALCOSA)	N) WOOD'S RUN WWTP			
	2.	WA	ASTEWATER TREATMEN					
		Check all boxes that apply, and provide information on collection, conveyance and treatment facilities a EDU's served. This information will be used to determine consistency with Chapter(s) 91 (relating to generovisions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring a compliance) and 93 (relating to water quality standards).						
		a.	Check appropriate box a	nd provide requested information concerning	the treatment facility			
			□ New facility □ E	Existing facility Upgrade of existing facility	ty Expansion of existing facility			
			Name of existing facility	ALCOSAN TREATMENT FACILITY				
			NPDES Permit Number f	for existing facility 25984				
				mit Number				
			•	int for a new facility. Latitude	_			
		b.	The following certificatio permitee or their represe	n statement must be completed and signed entative.	by the wastewater treatment facility			
			(Name from above) ser adversely affecting the	entative of the permittee, I confirm that the <u>Al</u> wage treatment facilities can accept sewa facility's ability to achieve all applicable to on I) and conditions contained in the NPDES	ige flows from this project withou echnology and water quality based			
			Name of Permittee Agen	cy, Authority, Municipality ALCOSAN				
			Name of Responsible Ag	ent Toe Fedor				
			Agent Signature	Joe feder Date	4-21-23			
			(Also see Section I. 4.)	U				

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.
- 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.
- Existing and proposed buildings, streets, roadways, access roads, etc.

- Any designated recreational or open space area.
- Wetlands from National Wetland Inventory Mapping and USGS Hydric Soils Mapping.
- I. Flood plains or Flood prone areas, floodways, (Federal Flood Insurance Mapping)
- m. Prime Agricultural Land.
- n. Any other facilities (pipelines, power lines, etc.)
- 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

5.

6.

	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.
PR	IME A	GRIC	ULTURAL LAND PROTECTION
ΥE	S N	Ю	
			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?
HIS	TORI	C PRE	SERVATION ACT
ΥE	S N	Ю	
\Box	Г	٦	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.

		PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES ck 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 Environmenta Review Receipt" and all supporting documentation from jurisdictional agencies (when necessary) is/are received by DEP.
		Applicant or Consultant Initials
Н	ALT	ERNATIVE 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.
.		MPLIANCE WITH WATER QUALITY STANDARDS AND EFFLUENT LIMITATIONS (See on 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 permitee. The permitee 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.

- Project Flows <u>70,076</u> gpd
- 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.

_		d/or Permitted city (gpd)	b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd) (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
Collection	4413051	14480323	86899	304147	159483	558192
Conveyance		1,270,000	92,000	104,000	236 000	248 000
Treatment	250,000,000	250,000,000	194,200,000	250,000,000	248,000,000	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.

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.

J. CHAPTER 94 CONSISTENCY DETERMINATION (See Section J of instructions)					
c. Conveyance System					
Name of Agency, Authority, MunicipalityALCOSAN					
Name of Responsible Agent					
Agent Signature					
Date 4-21-23					
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 <u>ALCOSAN</u>					
Name of Responsible Agent					
Agent Signature					
Date 4-21-23					
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.					
 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.					
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	I. DETA	AILED HYDROGEOLOGIC STUDY (See Section N of instructions)
	☐ The	detailed hydrogeologic information required in Section N. of the instructions is attached.
Ο.	SEWA	GE MANAGEMENT (See Section O of instructions)
	complet	pletion by the developer(project sponser), 4-5 for completion by the non-municipal facility agent and ion by the municipality)
1.	Yes N	
	to assu	espond to the following questions, attach the supporting analysis, and an evaluation of the options available re long-term proper operation and maintenance of the proposed non-municipal facilities. If No, skip the ler of Section O.
2.	Project	Flows <u>70076</u> gpd
	Yes	No
3.		
		attach a letter of intent to puchase the necessary credits and describe the assurance that these credits and will be available for the remaining design life of the non-municipal sewage facility;
(For	complet	ion by non-municipal facility agent)
4.		on and Conveyance Facilities
		estions below are to be answered by the organization/individual responsible for the non-municipal collection eveyance facilities. The individual(s) signing below must be legally authorized to make representation for the ation.
	Ye	
	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?
		s, this sewage facilities planning module will not be accepted for review by the municipality, delegated local cy and/or DEP until this issue is resolved.
	belov servi	, a representative of the organization responsible for the collection and conveyance facilities must sign w to indicate that the collection and conveyance facilities have adequate capacity and are able to provide ce to the proposed development in accordance with Chapter 71 §71.53(d)(3) and that this proposal will not t 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

3800-FM-BPNPSM0353 Rev. 2/2015 Form

8. 🗌 🖂

Sewage Plan?

5.	Trea	atment F	acility		
				are to be answered by a representative of the facility permittee. The individual signing below prized 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?	
				nning module for sewage facilities will not be reviewed by the municipality, delegated local DEP until this issue is resolved.	
		capacit	ty and is	ment facility permittee must sign below to indicate that this facility has adequate treatment able to provide wastewater treatment services for the proposed development in accordance 3) and that this proposal will not impact that status.	
	b.	Name	of Facility	/	
		Name	of Respo	nsible Agent	
		Agent	Signature		
(For	com	pletion l	by the m	unicipality)	
6.	The SELECTED OPTION necessary to assure long-term proper operation and maintenance of the propos non-municipal facilities is clearly identified with documentation attached in the planning module package.				
P.	PU	BLIC N	OTIFIC	CATION REQUIREMENT (See Section P of instructions)	
	new dev loca app noti	spaper elopmer al agenc licant or fy the m	of gener nt project y by pul an applic nunicipali	e completed to determine if the applicant will be required to publish facts about the project in a cal circulation to provide a chance for the general public to comment on proposed new lands. This notice may be provided by the applicant or the applicant's agent, the municipality or the oblication in a newspaper of general circulation within the municipality affected. Where an cant's agent provides the required notice for publication, the applicant or applicant's agent shall ty or local agency and the municipality and local agency will be relieved of the obligation to d content of the publication notice is found in Section P of the instructions.	
				ction, each of the following questions must be answered with a "yes" or "no". Newspaper d if any of the following are answered "yes".	
	١	res No			
	1.			he project propose the construction of a sewage treatment facility?	
	2.		Will the per da	e project change the flow at an existing sewage treatment facility by more than 50,000 gallons y?	
	3.		Will the	e project result in a public expenditure for the sewage facilities portion of the project in excess 0,000?	
	4.			e project lead to a major modification of the existing municipal administrative organizations the municipal government?	
	5.			e project require the establishment of \textit{new} municipal administrative organizations within the pal government?	
	6.		Will the	e project result in a subdivision of 50 lots or more? (onlot sewage disposal only)	
	7.		Does t	he project involve a major change in established growth projections?	

Does the project involve a different land use pattern than that established in the municipality's Official

PUBLIC NOTIFICATION REQUIREMENT cont'd. (See Section P of instructions)						
9. Does the project involve the use of lagpd)?	arge volume onlot sewage disposal systems (Flow > 10,000					
10. Does the project require resolution of a conflict between the proposed alternative and consister requirements contained in §71.21(a)(5)(i), (ii), (iii)?						
11. Will sewage facilities discharge into high	n 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	c notice is attached.					
_ ,,						
Q. FALSE SWEARING STATEMENT (See Section	on Q of instructions)					
I verify that the statements made in this component are tru	ue and correct to the best of my knowledge, information and					
	nt are made subject to the penalties of 18 PA C.S.A. §4904					
Cole Finton	Cole Pio					
Name (Print)	Signature					
Civil EIT Title	03/23/2023 Date					
2000 GEORGETOWN DRIVE, SUITE 101	724-444-1100					
SEWICKLEY, PA, 15143	721 111 1100					
Address	Telephone Number					
R. REVIEW FEE (See Section R of instructions)						
project and invoice the project sponsor OR the project spor module prior to submission of the planning package to DEF	nning module review. DEP will calculate the review fee for the nsor may attach a self-calculated fee payment to the planning P. (Since the fee and fee collection procedures may vary if a spect sponsor should contact the "delegated local agency" to					
☐ I request DEP calculate the review fee for my project a DEP's review of my project will not begin until DEP rece	and send me an invoice for the correct amount. I understand ives 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 \$ 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 the 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.

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:

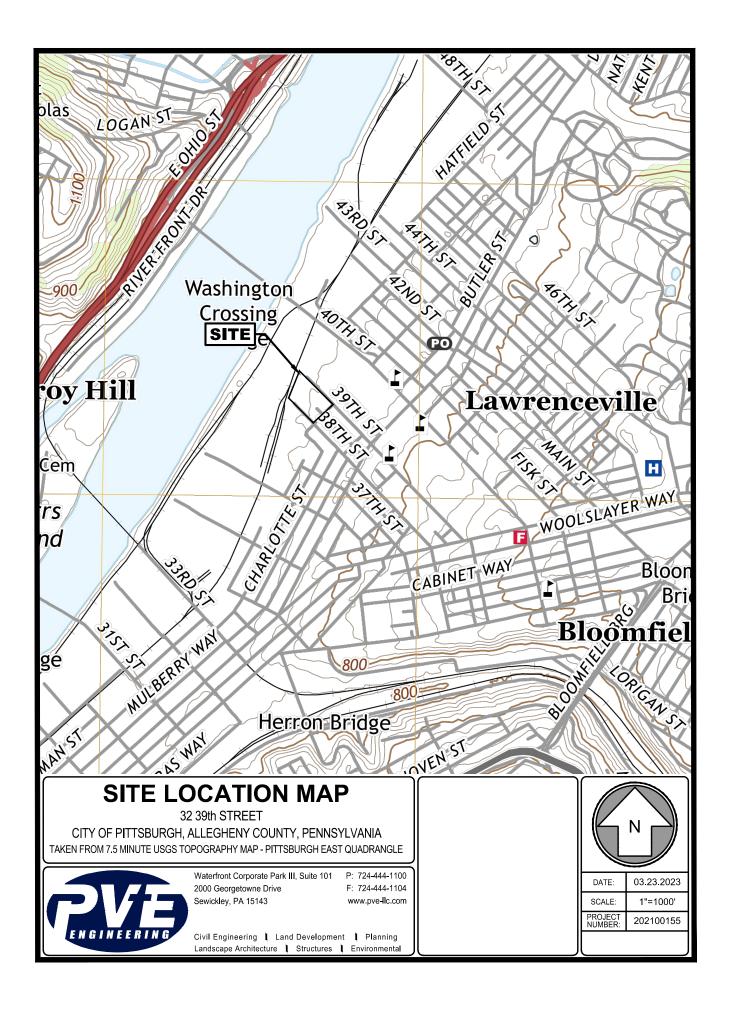
to a maximum of \$1,500 per submittal (non-municipal) or \$500 per submittal (municipal)

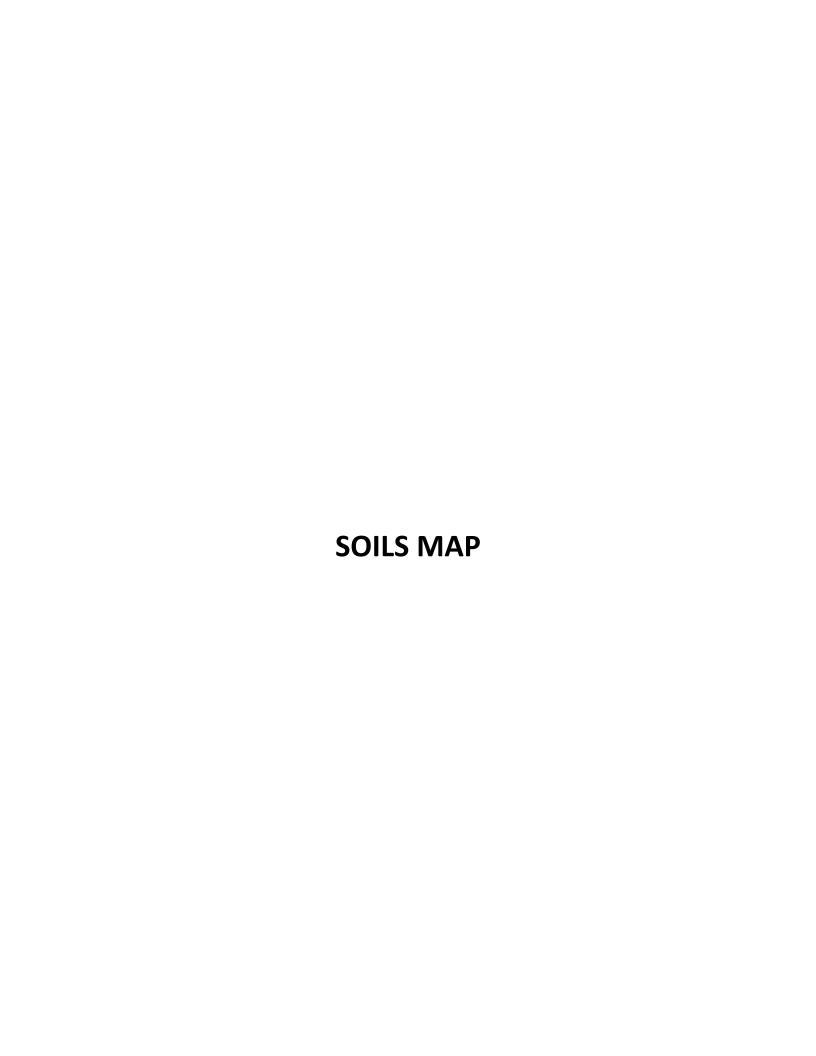
The fee is based upon:

- 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)

COMPONENT 3 APPENDIX









Natural Resources Conservation

Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Allegheny County, Pennsylvania



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2 053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

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scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons

Soil Map Unit Lines

Soil Map Unit Points

Special Point Features

(o)

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit Gravelly Spot

Landfill Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot

Slide or Slip

Sinkhole

Sodic Spot

Spoil Area



Stony Spot



Very Stony Spot



Wet Spot Other



Special Line Features

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads Local Roads

00

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15.800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Allegheny County, Pennsylvania Survey Area Data: Version 18, Sep 6, 2022

Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

Date(s) aerial images were photographed: Sep 11, 2021—Nov 16. 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend (202100155)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
UB	Urban land	2.8	82.2%
URB	Urban land-Rainsboro complex, gently sloping	0.6	17.8%
Totals for Area of Interest	•	3.4	100.0%

Map Unit Descriptions (202100155)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

Custom Soil Resource Report

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An association is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Allegheny County, Pennsylvania

UB—Urban land

Map Unit Setting

National map unit symbol: 15px

Mean annual precipitation: 36 to 50 inches Mean annual air temperature: 46 to 59 degrees F

Frost-free period: 120 to 215 days

Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 90 percent Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land

Setting

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Pavement, buildings and other artifically covered areas

Properties and qualities

Slope: 0 to 8 percent

Depth to restrictive feature: 10 inches to densic material

Runoff class: Very high

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components

Udorthents, steep

Percent of map unit: 10 percent

Landform: Mountains

Landform position (two-dimensional): Summit, backslope Landform position (three-dimensional): Mountaintop

Down-slope shape: Convex Across-slope shape: Convex

Hydric soil rating: No

URB—Urban land-Rainsboro complex, gently sloping

Map Unit Setting

National map unit symbol: 15q3 Elevation: 700 to 1,100 feet

Mean annual precipitation: 36 to 46 inches

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Mean annual air temperature: 41 to 62 degrees F

Frost-free period: 130 to 176 days

Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 75 percent

Rainsboro and similar soils: 20 percent

Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land

Setting

Parent material: Human transported material

Typical profile

H1 - 0 to 6 inches: variable

Properties and qualities

Slope: 0 to 8 percent

Depth to restrictive feature: 10 inches to

Runoff class: Very high

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Description of Rainsboro

Setting

Landform: Terraces

Landform position (two-dimensional): Toeslope Landform position (three-dimensional): Tread

Down-slope shape: Linear Across-slope shape: Convex Parent material: Old alluvium

Typical profile

H1 - 0 to 9 inches: silt loam H2 - 9 to 26 inches: silt loam H3 - 26 to 40 inches: silt loam

H4 - 40 to 60 inches: sandy clay loam
H5 - 60 to 72 inches: gravelly sandy loam

Properties and qualities

Slope: 0 to 8 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to

moderately high (0.06 to 0.60 in/hr)

Depth to water table: About 19 to 30 inches

Frequency of flooding: None Frequency of ponding: None

Available water supply, 0 to 60 inches: High (about 9.8 inches)

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Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: C

Ecological site: F126XY008OH - Tread

Hydric soil rating: No

Minor Components

Ginat

Percent of map unit: 5 percent

Landform: Terraces

Down-slope shape: Linear Across-slope shape: Linear Hydric soil rating: Yes

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WATER AVAILABILITY LETTER FROM PITTSBURGH WATER AND SEWER AUTHORITY (PWSA)



WATER AND SEWER AVAILABILITY LETTER REQUEST

All persons planning to perform construction, demolition, or renovation work that will involve water and/or sewer services are recommended to complete this form and submit to PWSA. PWSA will review the request and reply to indicate if PWSA-owned water and/or sewer utilities are present at the site of the proposed work.

This request form is <u>required</u> for all of the following types of development. (Please note that the term "sewer" refers to sanitary sewers, combined sewers, and storm sewers.)

- 1. New water and/or sewer tap(s) for <u>all</u> approved/recorded subdivisions.
- 2. Change of Use and/or increase in water and/or sewer flows for residential development(s), commercial, industrial and institutional developments (i.e. total project sanitary flow is greater than 799 gallons per day).
- 3. New water and/or sewer tap(s) for all residential, commercial, industrial, and institutional developments.

Please email the completed form to: permitinfo@pgh2o.com

Tiouse cinal the completed form to: permitting application	
Information to be submitted by the Applicant:	
Property Owner Name:	
Address of Property:	
Proposed Use of Site:	
Closest street intersection to the property:	
Requester Information	
Name:	Date of Request:
Address:	
Phone Number:	
Email Address:	
Preferred Method of Delivery: Email Mail	
PWSA Use Only:	
PWSA Water Service Available Yes No Size / Location:	
PWSA Sewer Service Available: Yes No Size / Location:	
Applicant must contact separate agency for water and/or sewer service:	Yes No
Name of separate agency:	
Title	

Disclaimer: The information provided by PWSA does not guarantee capacity of the PWSA-owned water and/or sewer lines to satisfy the needs of the proposed development. The permit application process required by PWSA evaluates the water demand and sewer flows of the development, as provided by the Applicant, and renders a decision on the capacity of the PWSA facilities.



March 15, 2021

Dillon Brennan 2000 Georgetown Drive, Suite 101 Sewickley, PA 15143

Water and Sewer Availability RE:

32 39th Street

Dear Mr. Brennan:

In response to your inquiry on 3/15/2021 concerning water and sewer availability for the area referenced above, please be advised that both water and sewers are available near the site, and water and sewer service will be provided in accordance with the policies and procedures of the Pittsburgh Water and Sewer Authority.

We wish to advise you that, if it is your desire to tap our water and sewer mains for service, your plans and Water and Sewer Use Application must be approved by the Authority, complete with detail showing the type of connection, meter, and backflow device before any work is performed.

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 plan to make modifications to the water or sewer system, please submit design drawings to The Pittsburgh Water and Sewer Authority for approval.

Refer to the Pittsburgh Water and Sewer Authority (PWSA) website (www.pgh2o.com) for the complete "Procedure Manual for Developers". All tap in plans and applications must be submitted according to the manual.

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

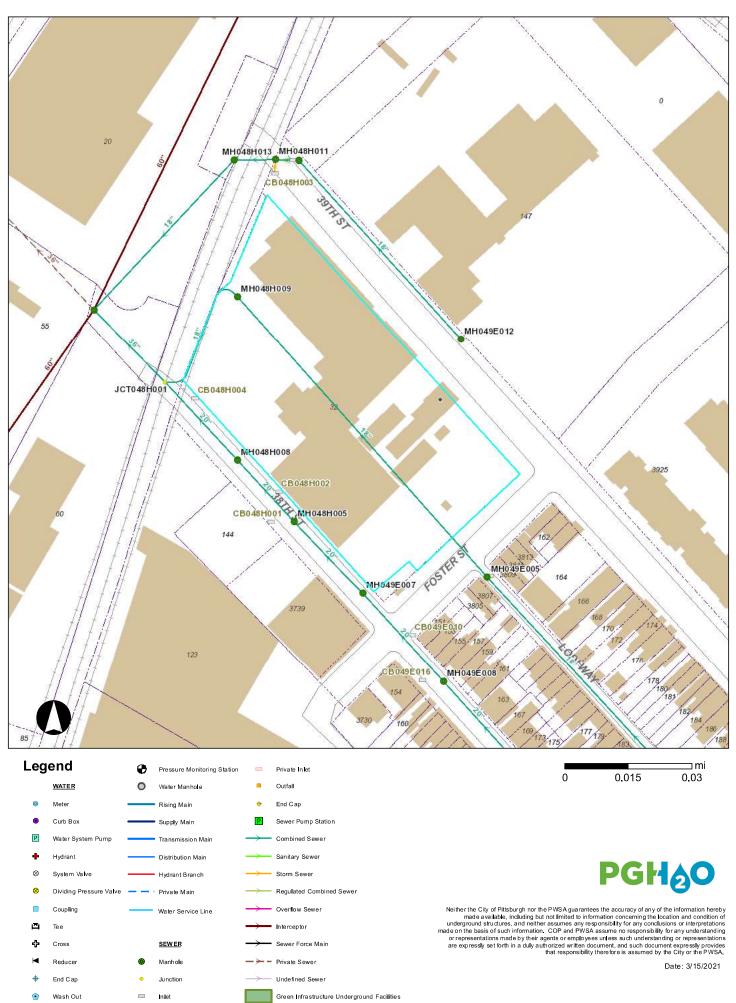
Sincerely,

Wendy M. Dean Engineering Tech II

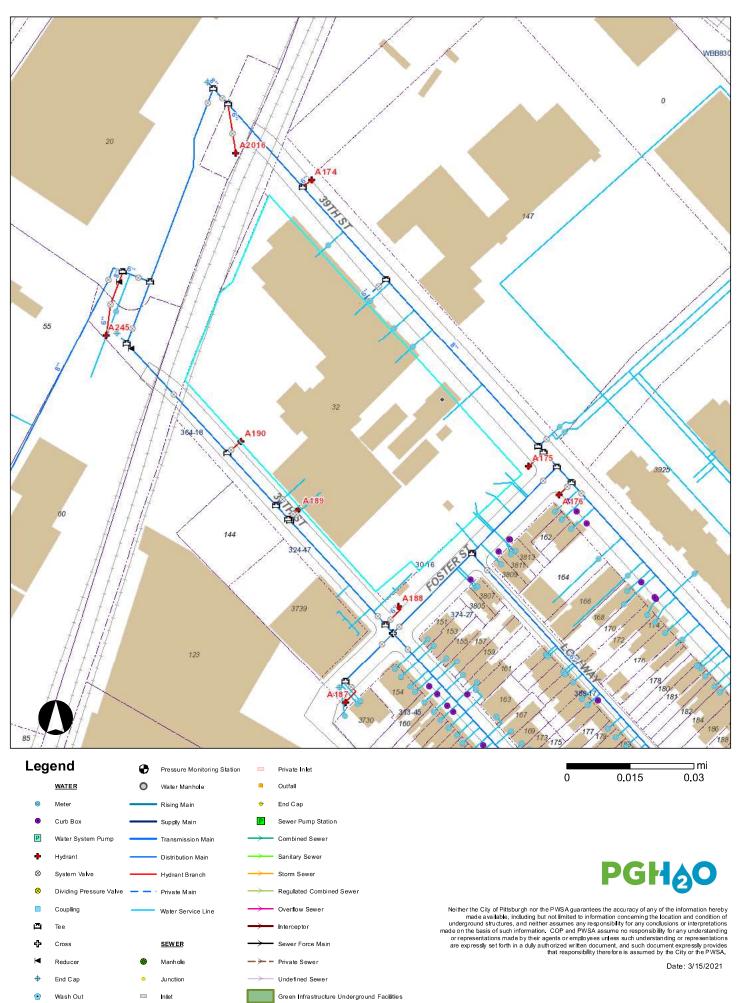
Skerdy M. Dean

cc: PWSA File

32 39th Street - Sewer



32 39th Street - Water



SECTION F PROJECT NARRATIVE

Project Narrative and Calculations Sheet

Applicant: PVE, LLC (Responsible Project Agent)

Project Name: 32nd 39th Street

Location: 32nd 39th Street, Pittsburgh, PA 15201

GENERAL PROJECT OVERVIEW

The 32nd 39th Street Project will be located in the block bounded by 39th, Foster, and 38th Streets in the City of Pittsburgh, Lawrenceville, PA. The property is owned by Incheon Ventures LLC and is 2.22 acres in size.

The project includes the complete demolition of the structures on the parcel. The project proposes construction of a 359-unit multi-family apartment building with studio, 1-, 2-, and 3-bedroom apartments spread over 5 floors above ground floor parking.

This lot was consolidated from multiple lots in December of 2010. Current and historic use of the site is light industrial, with warehouse space and office.

WATER SERVICE

PWSA's records show that there is an 8" existing waterline in 39th Street, and 6" waterlines within Foster and 39th Street. The parcel located at 32nd 39th Street currently has taps along, 39th, Foster, and 38th Streets. These taps will be terminated. It is estimated that the new development will have a combined water demand of 72,950 Gallons Per Day (GPD).

SANITARY SEWER SERVICE

PWSA's records show that there is a 20" combined sewer in 38th street, 18" combined sewer in 39th street, 18" combined sewer running parallel with the railroad tracks, and a 18" combined sewer in Lodi Way (Vacated) that runs through the middle of the property. CCTV inspection done in July 2022 proved that the section under 38th Street from MH048H008 to JCT048H001 is a 36" line.

Development plans include rerouting the 18" combined sewer from the northern end of Lodi Way westward down Foster and 38th streets to join the 36" line under 38th Street at MH048H008. Proposed development will tap into this rerouted line.

MLCS calculations used the section from MH048H008 to JCT048H001 as the most limited capacity sewer as that is the only section that will see an increase in flow from the development. See attached sewer relocation sketch for more details.

CALCULATIONS

Proposed Domestic Water and Sanitary Flows

1 bedroom = 150 GPD

2 bedroom = 300 GPD

3 bedroom = 400 GPD

300 GPD = 1 EDU per PWSA Developer's Manual

Unit Type	Number of Units	GPD/Type	Flows Per Unit Type
Studio	45	150	6,750
Jr One Bedroom	35	150	5,280
One Bedroom	121	150	18,150
One Bedroom + Den	36	150	5,400
Two Bedroom	106	300	31,800
Two Bedroom + Den	8	300	2400
Three Bedroom	8	400	3200
Total	359		72,950

TOTAL PROPOSED FLOWS = 72,950 GPD or 243.16 EDUs

Calculated Historic Sanitary Flows from Existing Site

(Sq Ft/Employee & GPD/Employee Values used reflect IBC2018 and PWSA Developer's Manual)

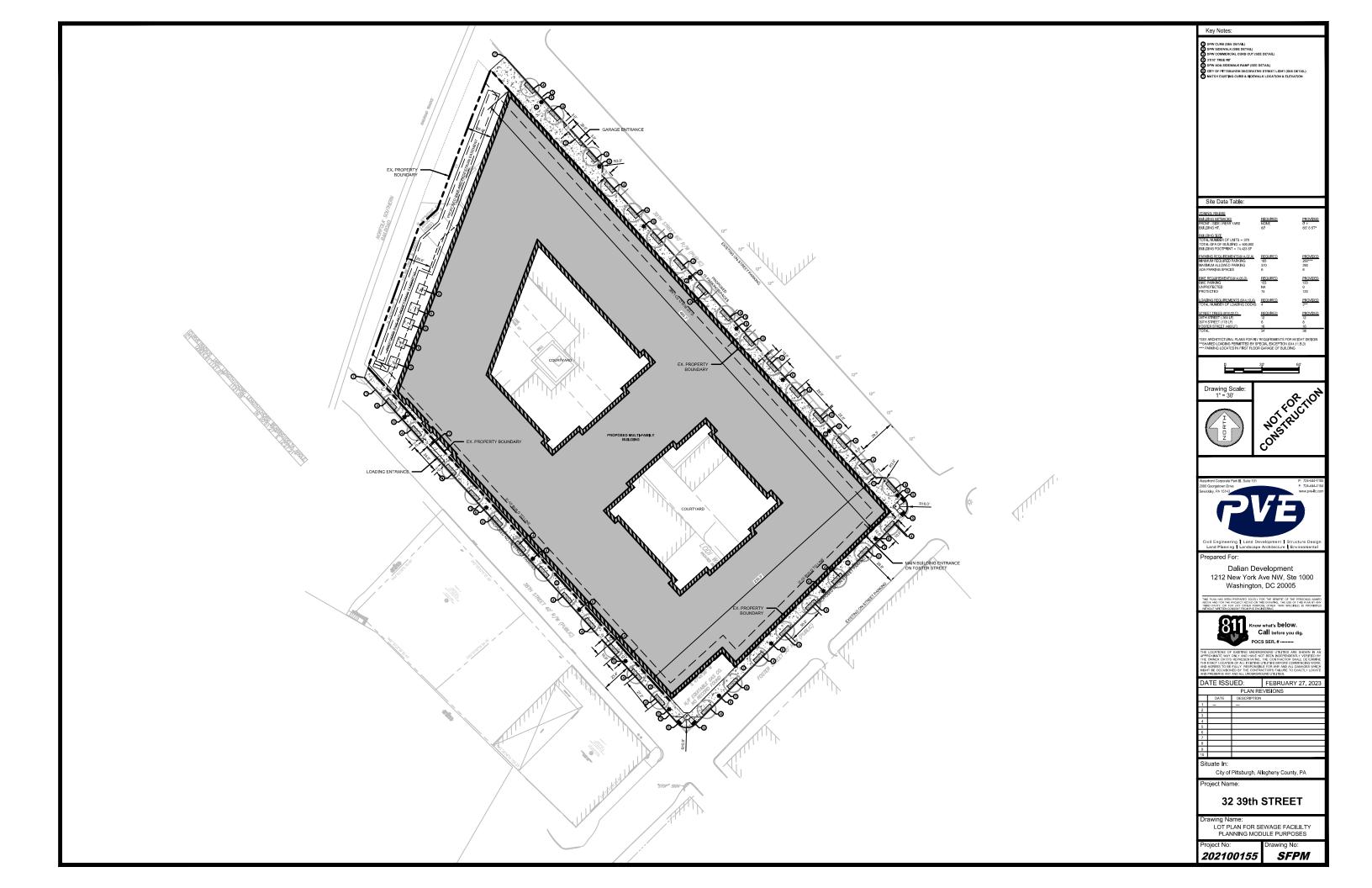
Use Type	Square Feet	Sq Ft/ Employee	# of Employees	Flow/Employee (GPD)	Flow Per Use Type (GPD)
Office Building	1,740	150	11.6	10	116
Storage Warehouse	39,400	500	78.8	35	2,758
Total	41,140				2,874

TOTAL CALCULATED EXISTING FLOWS = 2,874 GPD OR 9.58 EDUs

Net Calculated Flow per Proposed Development

72,950 GPD – 2,874 GPD = 70,076 GPD or 233.58 EDU's

PLOT PLANS FOR SEWAGE FACILITY PLANNING PURPOSES





Section 3.G – Wetland Protection

32 39th Street

No wetlands are known to exist in the area to be developed for this project

SECTION H ALTERNATIVE ANALYSIS

Section H – Alternative Sewage Facilities Analysis

32 39th Street

Proposed Method of Sewage Disposal

The proposed development will be serviced by a gravity operated collection system which will be owned and operated by Pittsburgh Water and Sewer Authority. The flows will be conveyed into an existing ALCOSAN interceptor and into the ALCOSAN sewage treatment plant.

Alternative Methods Considered

An alternative method of sewage disposal includes an individual septic system. Various factors such as failure rates of septic systems, desirability of developed lot, and size of the developed lot are all deterrents to installing a septic system.

Alternative Alignments Considered

In keeping with the proposed method of sewage disposal, which is to construct a gravity sewer, different alternatives are available with respect to connection point to the existing system. The proposed alignment which will convey sewage from the proposed site to the existing sewage system was determined to be the optimal layout based on existing line diameters, distance, slope, and elevation.

Conclusion

The proposed method of providing sewer service to the proposed development is considered optimal. The fact that an existing sewage interceptor and sewage treatment plant is nearby greatly reduces the justification for quantitatively considering various alternative methods.

SECTION J FLOW TABLE FOOTNOTES AND DRY WEATHER FLOW CALCULATION

Section J – Chapter 94 Consistency Determination Footnotes

32 39th Street

Slope of MLCS taken from PWSA Spreadsheet. CCTV analysis showed that line between MH048H008 and JCT048H001 is 36" Brick as opposed to PWSA data of 20" VCP.

- (1) Design/Permitted collection system *average design capacity* computed using static Manning's analysis based on existing 36" pipe Brick material sewer, with slope of 0.17%, Manning's n-value of 0.016 and full flow depth, divided by a peaking factor of 3.5 for combination sewers = **4,413,051 gpd.**
- (2) Design/Permitted collection system *peak design capacity* computed using static Manning's analysis based on existing 36" Brick combined sanitary sewer, with slope of 0.17%, Manning's n-value of 0.016 and full flow depth = **14,480,323 gpd**.
- (3) Present collection system *average flow* as determined by analyzing the 30 day sample of flow monitoring data (60-Day data collected by the EADS Group in MH049E007 in Sept. 2022) = **86,899 gpd**.
- (4) Present collection system *peak flow* computed using the present average flows from Footnote 3, multiplied by a peaking factor of (3.5) for combined sewers= **304,147 gpd**.
- (5) Projected collection system *peak flow* computed using the present peak flows computed in Footnote 4 plus project flows of 70,076 gpd (see calculations in the project narrative section F of Component 3) multiplied by a 5% growth factor = **392,934 GPD**
- (6) Projected collection system *average flow* computed using the projected peak flow computed in Footnote 5, divided by 3.5 peaking factor = 112,267 **gpd**
 - Current development plans include re-routing the 18" line that's currently running through the site from Lodi Way to along Foster and 38th streets, joining existing line below MH048H008. See included proposed relocation sketch for clarification.
- (7) Present average flow as measured at MH049E005 by the EADS Group in September 2022 = 44,968 gpd.
- (8) Present *peak flow* at MH09E005 computed using the present average flows from Footnote 7, multiplied by a peaking factor of 3.5 for combined sewers = <u>157,388 gpd</u>
- (9) Projected collection system *peak flow* in MLCS computed using the present peak flows from Footnote 4 plus present peak flows in sewer to be re-routed from Footnote 8 plus project peak flows of 70,076 gpd multiplied by a 5% growth factor = <u>558,192 gpd</u>

Note: An overview of the Manning's equation calculations reference above are provided on the subsequent page.

Dry Weather Flow and Design Capacity Calculations

32 39th Street

Given: 36" Brick sewer at a slope of 0.17% (S), and Manning's N Value = 0.016. *Slope taken from MLCS Spreadsheet provided by PWSA

Design Capacity of Pipe Calculation:

Full Flow Capacity, Depth = 36 inches or 3 feet (h).

Area of Flow in Pipe =
$$\frac{\pi D^2}{4}$$
 , therefore $A = \frac{\pi (3)^2}{4}$ $A = 7.069 ft^2$

Wetted Perimeter = πD , therfore $P = \pi (1.67) = 9.425 \, ft$

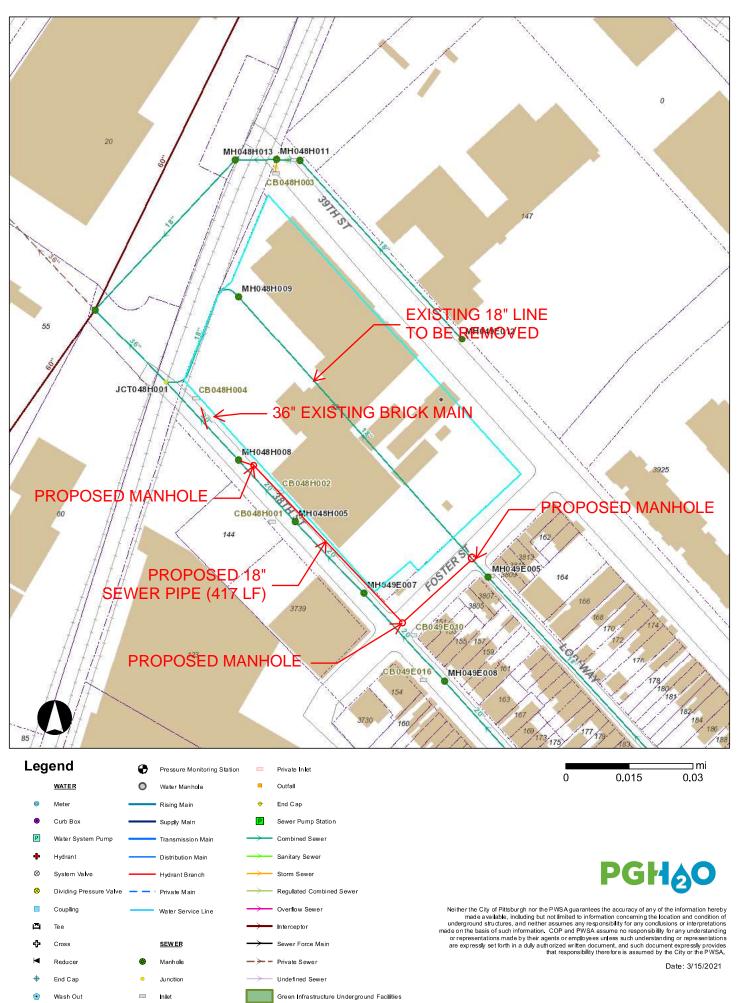
Hydraulic Radius
$$(R_h) = \frac{A}{P}$$
, therefore $R_h = \frac{7.069}{9.425} = 0.75 \, ft$

$$Q = \frac{1.49}{n} (R_h)^{\frac{2}{3}} (S)^{\frac{1}{2}} A(0.64632)$$
, therefore

$$Q = \frac{1.49}{0.016} (0.75)^{\frac{2}{3}} (0.0017)^{\frac{1}{2}} (7.069) (0.64632), \ Q = 14.480 \ mgd$$



32 39th Street - Sewer



Monthly Flow Report 38th St. Foster St. MH-049E007

Date	Total (gal)
Aug 1, 2022	
Aug 2, 2022	
Aug 3, 2022	
Aug 4, 2022	
Aug 5, 2022	
Aug 6, 2022	
Aug 7, 2022	
Aug 8, 2022	
Aug 9, 2022	
Aug 10, 2022	
Aug 11, 2022	
Aug 12, 2022	
Aug 13, 2022	
Aug 14, 2022	
Aug 15, 2022	
Aug 16, 2022	
Aug 17, 2022	
Aug 18, 2022	
Aug 19, 2022	
Aug 20, 2022	
Aug 21, 2022	
Aug 22, 2022	80,325
Aug 23, 2022	72,558
Aug 24, 2022	72,035
Aug 25, 2022	70,691
Aug 26, 2022	80,381
Aug 27, 2022	69,380
Aug 28, 2022	65 <i>,</i> 879
Aug 29, 2022	75,223
Aug 30, 2022	79,451
Aug 31, 2022	70,860

= Total Monthly Flow (gpd)	
= Average Monthly Flow (gpd)	
= Minimum Monthly Flow (gpd)	
= Maximum Monthly Flow (gpd)	
_ _	

Monthly Flow Report 38th St. Foster St. MH-049E007

Date	Total (gal)
	Total (gal)
Sep 1, 2022	74,641
Sep 2, 2022	71,142
Sep 3, 2022	72,577
Sep 4, 2022	137,777
Sep 5, 2022	112,612
Sep 6, 2022	75,245
Sep 7, 2022	71,879
Sep 8, 2022	69,637
Sep 9, 2022	75,281
Sep 10, 2022	77,392
Sep 11, 2022	189,812
Sep 12, 2022	84,858
Sep 13, 2022	75,704
Sep 14, 2022	75,508
Sep 15, 2022	76,246
Sep 16, 2022	84,049
Sep 17, 2022	81,633
Sep 18, 2022	69,286
Sep 19, 2022	97,848
Sep 20, 2022	73,311
Sep 21, 2022	78,441
Sep 22, 2022	107,705
Sep 23, 2022	78,369
Sep 24, 2022	74,936
Sep 25, 2022	97,567
Sep 26, 2022	75,319
Sep 27, 2022	87,144
Sep 28, 2022	74,462
Sep 29, 2022	67,760
Sep 30, 2022	72,021

1,824,880	= Total Monthly Flow (gpd)	
86,899	= Average Monthly Flow (gpd)	
69,286	= Minimum Monthly Flow (gpd)	
189,812	= Maximum Monthly Flow (gpd)	

Monthly Flow Report 38th St. Foster St. MH-049E007

	,
Date	Total (gal)
Oct 1, 2022	167,560
Oct 2, 2022	90,916
Oct 3, 2022	72,757
Oct 4, 2022	73,572
Oct 5, 2022	72,287
Oct 6, 2022	69,933
Oct 7, 2022	72,452
Oct 8, 2022	72,241
Oct 9, 2022	68,573
Oct 10, 2022	65,622
Oct 11, 2022	66,875
Oct 12, 2022	72,766
Oct 13, 2022	157,141
Oct 14, 2022	75,648
Oct 15, 2022	75,481
Oct 16, 2022	66,467
Oct 17, 2022	66,756
Oct 18, 2022	70,883
Oct 19, 2022	78,122
Oct 20, 2022	73,069
Oct 21, 2022	52,288
Oct 22, 2022	75,666
Oct 23, 2022	70,386
Oct 24, 2022	50,050
Oct 25, 2022	
Oct 26, 2022	
Oct 27, 2022	
Oct 28, 2022	
Oct 29, 2022	
Oct 30, 2022	
Oct 31, 2022	

1,877,511	= Total Monthly Flow (gpd)	
78,230	= Average Monthly Flow (gpd)	
50,050	= Minimum Monthly Flow (gpd)	
167,560	= Maximum Monthly Flow (gpd)	

Monthly Flow Report Foster St. Lodi Way MH-049E005

Date	Total (gal)
Aug 1, 2022	,
Aug 2, 2022	
Aug 3, 2022	
Aug 4, 2022	
Aug 5, 2022	
Aug 6, 2022	
Aug 7, 2022	
Aug 8, 2022	
Aug 9, 2022	
Aug 10, 2022	
Aug 11, 2022	
Aug 12, 2022	
Aug 13, 2022	
Aug 14, 2022	
Aug 15, 2022	
Aug 16, 2022	
Aug 17, 2022	
Aug 18, 2022	
Aug 19, 2022	
Aug 20, 2022	
Aug 21, 2022	
Aug 22, 2022	39,006
Aug 23, 2022	35,386
Aug 24, 2022	35,950
Aug 25, 2022	34,799
Aug 26, 2022	42,297
Aug 27, 2022	35,300
Aug 28, 2022	33,755
Aug 29, 2022	41,928
Aug 30, 2022	39,729
Aug 31, 2022	29,195

367,345	= Total Monthly Flow (gpd)	
36,734	= Average Monthly Flow (gpd)	
29,195	= Minimum Monthly Flow (gpd)	
42,297	= Maximum Monthly Flow (gpd)	

Monthly Flow Report Foster St. Lodi Way MH-049E005

Date	Total (gal)
Sep 1, 2022	27,048
Sep 2, 2022	30,545
Sep 3, 2022	33,566
Sep 4, 2022	71,772
Sep 5, 2022	67,764
Sep 6, 2022	40,335
Sep 7, 2022	31,748
Sep 8, 2022	30,940
Sep 9, 2022	37,624
Sep 10, 2022	37,480
Sep 11, 2022	178,601
Sep 12, 2022	44,226
Sep 13, 2022	34,412
Sep 14, 2022	29,315
Sep 15, 2022	38,298
Sep 16, 2022	40,083
Sep 17, 2022	38,749
Sep 18, 2022	38,195
Sep 19, 2022	80,348
Sep 20, 2022	15,223
Sep 21, 2022	27,945
Sep 22, 2022	79,496
Sep 23, 2022	30,781
Sep 24, 2022	28,050
Sep 25, 2022	57,567
Sep 26, 2022	29,329
Sep 27, 2022	49,006
Sep 28, 2022	36,777
Sep 29, 2022	32,468
Sep 30, 2022	31,360

1,349,051	= Total Monthly Flow (gpd)	
44,968	= Average Mo	onthly Flow (gpd)
15,223	= Minimum Monthly Flow (gpd)	
178,601	= Maximum Monthly Flow (gpd)	

Monthly Flow Report Foster St. Lodi Way MH-049E005

Date	Total (gal)
Oct 1, 2022	186,521
Oct 2, 2022	51,300
Oct 3, 2022	36,247
Oct 4, 2022	34,473
Oct 5, 2022	32,003
Oct 6, 2022	32,935
Oct 7, 2022	32,994
Oct 8, 2022	31,603
Oct 9, 2022	30,560
Oct 10, 2022	30,874
Oct 11, 2022	32,785
Oct 12, 2022	63,588
Oct 13, 2022	125,807
Oct 14, 2022	32,266
Oct 15, 2022	29,720
Oct 16, 2022	30,206
Oct 17, 2022	30,842
Oct 18, 2022	31,756
Oct 19, 2022	32,643
Oct 20, 2022	31,700
Oct 21, 2022	32,487
Oct 22, 2022	31,708
Oct 23, 2022	31,226
Oct 24, 2022	30,160
Oct 25, 2022	
Oct 26, 2022	
Oct 27, 2022	
Oct 28, 2022	
Oct 29, 2022	
Oct 30, 2022	
Oct 31, 2022	

1,066,401	= Total Monthly Flow (gpd)	
44,433	= Average Mo	onthly Flow (gpd)
29,720	= Minimum Monthly Flow (gpd)	
186,521	= Maximum Monthly Flow (gpd)	

Sewage Facilities Planning Module Chapter 94 Consistency Determination Hydraulic Calculations Spreadsheet for Flow Monitoring

PROJECT NAME:

PWSA PROJECT NUMBER:

PWSA REVIEWER:

DATE:

March 23, 2023

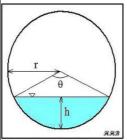
32 39th Street

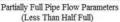
LEGEND:

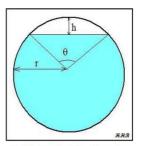
Input Data

Output Data

Section A: Manning Equation for Partially Filled Pipes







Partially Full Pipe Flow Parameters (More Than Half Full)

Variable	Units	Description
Q	ft ³	Volumetric flowrate
n	Unitless	Manning Roughness Coeff.
Α	ft ²	Cross-Sectional Area of Flow
R	ft	Hydraulic Radius
S	ft/ft	Slope of Hydraulic Grade Line
Р	ft	Wetted Perimeter of "A"
r	ft	Radius
h	ft	Depth of Flow or Headspace
θ	radians	Central Angle

$$Q = \left(\frac{1.49}{n}\right) \times A \times R^{2/3} \times S^{1/2}$$

$$R = \frac{A}{P}$$

$$\theta = 2 \times \cos^{-1} \left(\frac{r - h}{r} \right)$$

$$A_{<50\% Full} = \frac{r^2(\theta - \sin \theta)}{2}$$

$$P_{<50\% Full} = r \times \Theta$$

$$A_{>50\% Full} = \pi \times r^2 \times \frac{r^2(\theta - \sin \theta)}{2}$$

$$P_{>50\% Full} = (2 \times \pi \times r) - (r \times \theta)$$

Section B: Data for Calculations

Peaking Factor, P.F.	
Sanitary Sewers	3
Combined Sewers	3.5

Proposed Project Flows		
Variable	Value	Units
Q_p	70,076	gpd

Variable	Value	Units
Material	Brick	
n	0.016	unitless
S	0.002	ft/ft
h		ft
D	3.00	ft
P.F.	3.5	unitless

Section C: Calculations for Design and/or Permitted Capacities

Variable	Description	Definition

Q _{d, avg}	Design Capacity, Average	= full pipe flow conditions / peaking factor
Q _{d, peak}	Design Capacity, Peak	full pipe flow conditions

Design Capacity, Average		
Variable Value Unit		Unit
Q _{d, avg}	4,137,215	gpd

	Design Capacity, Peak		
Variable	Value	Unit	
D	3.000	ft	
r	1.500	ft	
Α	7.069	ft^2	
Р	9.425	ft	
R	0.750	ft	
Q _{d, peak}	22	cfs	
Q _{d, peak}	14,480,253	gpd	

Section D: Calculations for Present Flows

Variable	Description	Definition
Q _{ex, avg}	Present Flows, Average	determined via flow monitoring data
Q _{ex, peak}	Present Flows, Peak	determined via flow monitoring data

Present Flows, Average		
Variable	Value	Unit
Q _{ex, avg}	86,899	gpd

	Present Flows, Peak	
Variable	Value	Unit
Q _{ex, peak}	304,147	gpd

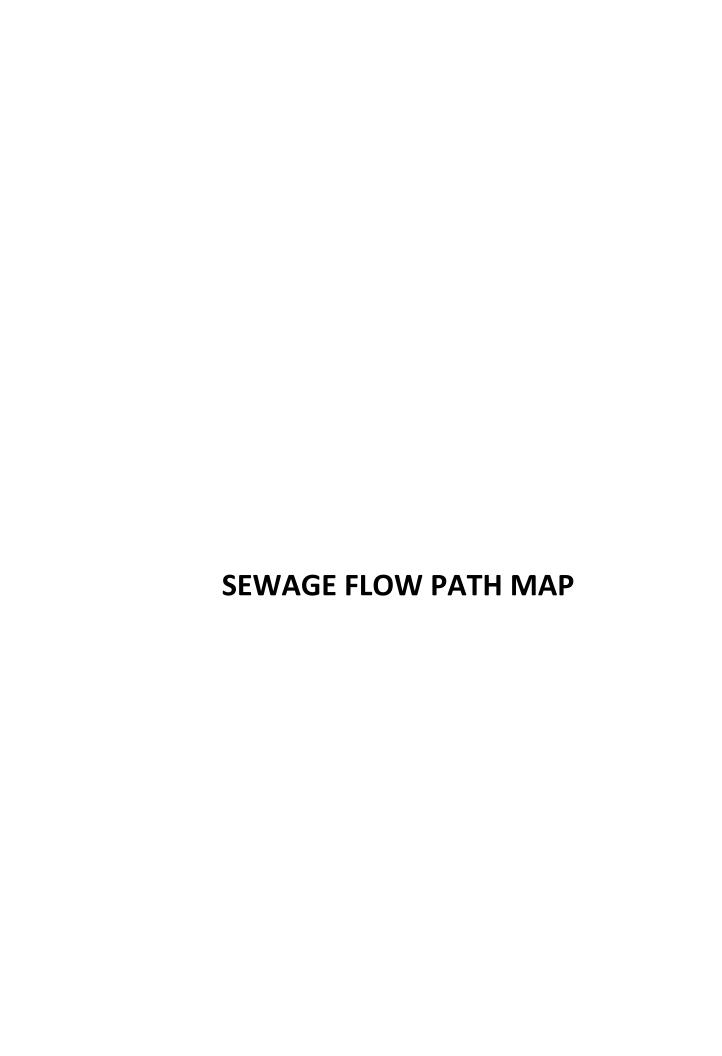
Section E: Calculations for Projected Flows in Five (5) Years

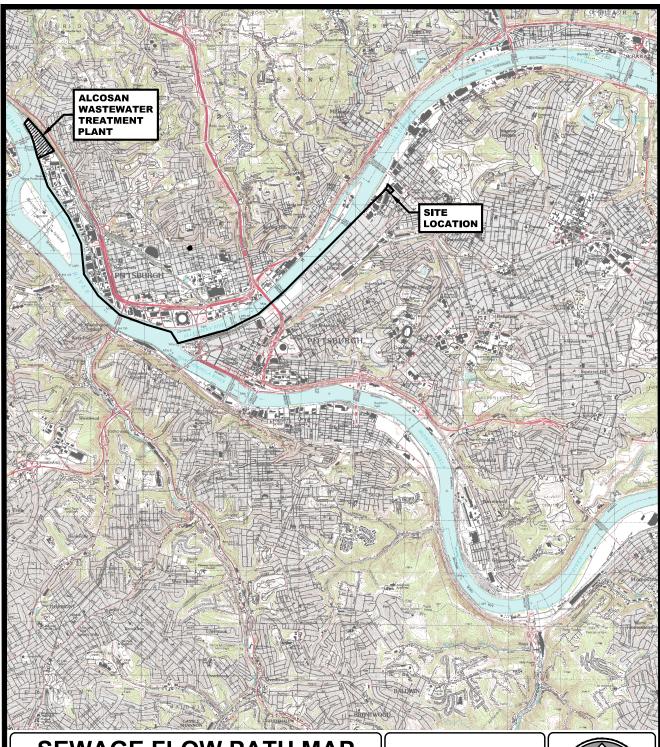
Variable	Description	Definition
Q _{proj, avg}	Projected Flows in Five (5) Years, Average	$= Q_{proj, peak} \div P.F.$
Q _{proj, peak}	Projected Flows in Five (5) Years, Peak	$= (Q_{ex, peak} + Q_p) \times 1.05$

Projecte	d Flow Calc	ulations
Variable	Value	Unit
Q _{proj, avg}	112,267	gpd
Q _{proj, peak}	392,934	gpd

Section F: Compare Results with Applicant's Submission

Variable	PWSA, gpd	Applicant, gpd	Difference, gpd	Difference, %
Q _{d, avg}	4,137,215		4,137,215	100%
Q _{d, peak}	14,480,253		14,480,253	100%
Q _{ex, avg}	86,899		86,899	100%
Q _{ex, peak}	304,147		304,147	100%
Q _{proj, avg}	112,267		112,267	100%
Q _{proj, peak}	392,934		392,934	100%





SEWAGE FLOW PATH MAP

32 39th STREET

CITTY OF PITTSBURGH, ALLEGHENY COUNTY, PENNSYLVANIA



Waterfront Corporate Park III, Suite 101 P: 724-444-1100 2000 Georgetowne Drive Sewickley, PA 15143

F: 724-444-1104 www.pve-llc.com

Civil Engineering | Land Development | Planning Landscape Architecture | Structures | Environmental



COMPONENT 4A MUNICIPAL PLANNING AGENCY REVIEW



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

INSTRUCTIONS FOR COMPLETING COMPONENT 4A MUNICIPAL PLANNING AGENCY REVIEW

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

Background

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

Who Should Complete the Component?

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

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

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

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

Section A. Project Name

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

Section B. Review Schedule

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

Section C. Agency Review

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

Section D. Additional Comments

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



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DEP Code #:		

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

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this Planning Agency Review Component should be sent to the local municipal planning agency for their comments. SECTION A. PROJECT NAME (See Section A of instructions) **Project Name** 32 39th Street SECTION B. **REVIEW SCHEDULE** (See Section B of instructions) 1. Date plan received by municipal planning agency 5/1/23 2. Date review completed by agency 5/12/23 **AGENCY REVIEW** (See Section C of instructions) SECTION C. Yes No X Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, et seq.)? N/A Is this proposal consistent with the comprehensive plan for land use? 2. If no, describe the inconsistencies X Is this proposal consistent with the use, development, and protection of water resources? 3. If no, describe the inconsistencies Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land X Preservation? X 5. Does this project propose encroachments, obstructions, or dams that will affect wetlands? If yes, describe impacts X Will any known historical or archaeological resources be impacted by this project? 6. If yes, describe impacts _____ X Will any known endangered or threatened species of plant or animal be impacted by this 7. project? If yes, describe impacts Is there a municipal zoning ordinance? 8. 9. Is this proposal consistent with the ordinance? If no, describe the inconsistencies X 10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance? 11. Have all applicable zoning approvals been obtained? X 12. Is there a municipal subdivision and land development ordinance?

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SECTIO	N C.	AGENO	CY REVIEW (continued)
Yes	No		
X		13.	Is this proposal consistent with the ordinance?
			If no, describe the inconsistencies
\bowtie		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: <u>5/12/23</u>
			Name of Municipal Planning Agency: Department of City Planning
			Address 100 Ross Street, Suite 202, Pittsburgh, PA 15219
			Telephone Number: 412-255-2676
SECTIO	N D.	ADDIT	ONAL COMMENTS (See Section D of instructions)
			ot limit municipal planning agencies from making additional comments concerning the relevancy other plans or ordinances. If additional comments are needed, attach additional sheets.
The plan	ning aç	gency m	ust complete this component within 60 days.

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

COMPONENT 4C COUNTY HEALTH DEPARTMENT REVIEW



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DEP	Code #:	

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

Project Name 32 39 th Street SECTION B. REVIEW SCHEDULE (See Section B of instructions) 1. Date plan received by county or joint county health department 5/1/2023 Agency name Allegheny County Health Department (ACHD) 2. Date review completed by agency 5/2/2023 SECTION C. AGENCY REVIEW (See Section C of instructions) Yes No □ 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
SECTION B. REVIEW SCHEDULE (See Section B of instructions) 1. Date plan received by county or joint county health department 5/1/2023 Agency name Allegheny County Health Department (ACHD) 2. Date review completed by agency 5/2/2023 SECTION C. AGENCY REVIEW (See Section C of instructions) Yes No □ 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
SECTION B. REVIEW SCHEDULE (See Section B of instructions) 1. Date plan received by county or joint county health department 5/1/2023 Agency name Allegheny County Health Department (ACHD) 2. Date review completed by agency 5/2/2023 SECTION C. AGENCY REVIEW (See Section C of instructions) Yes No \[\times 1. \] 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
 Date plan received by county or joint county health department <u>5/1/2023</u> Agency name <u>Allegheny County Health Department (ACHD)</u> Date review completed by agency <u>5/2/2023</u> SECTION C. AGENCY REVIEW (See Section C of instructions) Yes No
Agency name Allegheny County Health Department (ACHD) 2. Date review completed by agency 5/2/2023 SECTION C. AGENCY REVIEW (See Section C of instructions) Yes No \[\sum_{} 1. \text{ Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?} \]
2. Date review completed by agency 5/2/2023 SECTION C. AGENCY REVIEW (See Section C of instructions) Yes No □ 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
SECTION C. AGENCY REVIEW (See Section C of instructions) Yes No I s the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
Yes No ☐ 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
☐ 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
If no, what are the inconsistencies?
Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe
3. Is there any known groundwater degradation in the area of this proposal?
If yes, describe
4. The county or joint county health department recommendation concerning this proposed plan is as follows: ACHD recommends approval. Please see attached letter.
5. Name, title and signature of person completing this section:
Name: Gina Caliguri
Title: Environmental Health Administrator II/Compliance Officer
Signature:
Date: 5/2/2023
Name of County Health Department: Allegheny County Health Department
Address: 3901 Penn Avenue, Building #5, Pittsburgh, PA 15224
Telephone Number: 412-578-8388
SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)
This component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.
The county planning agency must complete this component within 60 days. This component and any additional comments are to be returned to the applicant.