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# SEWAGE FACILITY PLANNING MODULE PA DEP Tracking Code No: \_\_\_\_\_

### **451 Melwood Avenue Renovations**

Located at

451 Melwood Avenue Pittsburgh, PA 15213

Job # 13906

### PREPARED FOR

451 Melwood PIT LLC 777 S. Figueroa Street Los Angeles, CA 90017

### **LOCATION**

5th Ward City of Pittsburgh Allegheny County, Pennsylvania

Prepared: 8-6-2022



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SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS SECTION 1.0 - TRANSMITTAL LETTERS & RESOLUTIONS

SEWAGE FACILTIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS TRANSMITTAL LETTER FROM PADEP

SEWAGE FACILTIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS TRANSMITTAL LETTER TO PADEP



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

# TRANSMITTAL LETTER FOR SEWAGE FACILITIES PLANNING MODULE

		DEP	ARTMENT OF	ENVIRONMENTAL PROTECT	ION (DEP) USE ONLY	
DEP	CODE #	CLIEN'	ΓID#	SITE ID#	APS ID#	AUTH. ID#
TO: Approving Agency (DEP or delegated local agency)  PA DEP 400 Waterfront Drive Pittsburgh, PA 15222-4745						
Dear Sir/N	/ladam:					
Attached	olease fi	nd a completed s	ewage facilit	ies planning module prep	pared by Thomas Taylo	r
Senior Pro	niect Ma	nager		for <u>451</u>	Melwood Avenue Rend	(Name) ovations
	•	(Title)			(Name	
a subdivis	sion, con	nmerciai ,or indus	triai facility id	ocated in <u>City of Pittsburg</u>	<u>i</u> n	
Allegheny		(City, Borougi	h Township)		C	ounty.
Check on	e	(City, Borougi	i, rownsnip)			
∐ (i)	propos Plan),	ed  revision  and is  adopted	supplemer for submiss	nt for new land developm	nent to its Official Sewa ed to the delegated LA fo	by the municipality as a ge Facilities Plan (Official or approval in accordance lilities Act (35 P.S. §750),
	OR					
☐ (ii)	land de					on or supplement for new ceptable for the reason(s)
	Check	Boxes				
	th	e planning modu	ıle as prepa		the applicant. Attached	ch may have an effect on d hereto is the scope of
	The planning module as submitted by the applicant fails to meet limitations imposed by other laws or ordinances, officially adopted comprehensive plans and/or environmental plans (e.g., zoning, land use, 25 Pa. Code Chapter 71). Specific reference or applicable segments of such laws or plans are attached hereto.					
	□ 0	ther (attach additi	onal sheet g	iving specifics).		
Municipal approving	Secreta	ary: Indicate bel	_	,	which components are	being transmitted to the
☐ Modu ☐ 2 Individ		eteness Checklist Community Onlot		ge Collection/Treatment Fac Flow Treatment Facilities	☐ 4B County Pla	Planning Agency Review anning Agency Review Joint Health Department

SEWAGE FACILIIES PLANNING MODULE
451 MELWOOD AVENUE RENOVATIONS
RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

Resolution No			
	CITY OF PITTSBUR	kGH	
Introduced:		Bill No:	
Committee:	Intergovernmental Affairs Committee	Status:	

Sponsored by:

Resolution adopting Plan Revision to the City of Pittsburgh's Official Sewage Facilities Plan for 451 Melwood Ave PIT LLC, 777 S Figueroa Street, Los Angeles, CA 900017-5800

WHEREAS, SECTION 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the "Pennsylvania Sewage Facilities Act," as amended, and the rules and regulations of the Pennsylvania Department of Environmental Protection (the "Department") adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, requires the City of Pittsburgh to adopt an Official Sewage Facilities Plan (the "Official Plan") providing for sewage services adequate to prevent contamination of waters of the Commonwealth and/or environmental health hazards from sewage wastes, and to revise said plan whenever it is necessary to determine whether a proposed method of sewage disposal for a new development conforms to a comprehensive program of pollution control and water quality management; and

**WHEREAS**, 451 Melwood Ave PIT LLC has proposed the development of a parcel of land identified as 451 Melwood Avenue, Pittsburgh, PA 15213, Allegheny County, having a tax parcel identification number 26-M-52, in the 5<sup>th</sup> Ward of the City of Pittsburgh and described in the attached Sewage Facilities Planning Module (the "Planning Module") for land development and proposes that project be served by a sewer tap-in to the City of Pittsburgh sewage systems; and

WHEREAS, the Pittsburgh Water Sewer Authority, the Allegheny County Sanitary Authority, the City of Pittsburgh Planning Department and the Allegheny County Health Department have reviewed the respective components of the attached Planning Module in regard to each authority/department's expertise and have approved the respective components as explained in the attached Planning Module.

**WHEREAS**, based upon the approval of the above authorities and departments, the City of Pittsburgh finds that the project described in the attached Planning Module for land development conforms to applicable zoning, subdivision, other municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

### BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PITTSBURGH AS FOLLOWS:

**SECTION 1.** The City of Pittsburgh hereby adopts and submits to the Department of Environmental Protection for its approval as a Plan Revision to the City of Pittsburgh's Official Sewage Facilities Plan, the above-referenced Planning Module for land development, which is attached hereto as **Exhibit A**.

Said Planning Module includes the proposed 451 Melwood Ave PIT LLC – 451 Melwood Avenue, Pittsburgh, PA 15213, Allegheny County, having a tax parcel identification number of 26-M-52, in the 5th Ward of the City of Pittsburgh.

Finally, that any Ordinance or Resolution or part thereof conflicting with the provisions of this Resolution, is hereby repealed so far as the same affects this Resolution.

Effective Date:	
Passed in Council:	
Approved:	
Recorded in R.B page	in City Clerk's Office.

SEWAGE FACILIIES PLANNING MODULE
451 MELWOOD AVENUE RENOVATIONS
SECTION 2.0
COMPONENT 3: SEWAGE COLLECTION AND TREATMENT FACILITIES MODULE



Code No.	

#### **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**

PROJECT INFORMATION (See Section A of instructions)

(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.

A.

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 **坚**.

1. Project Name 451 Melwood Avenue					
Brief Project Description     convert an existing warehouse into 20 independent	nt kitchens for online	sales and delivery			
B. CLIENT (MUNICIPALITY) INFO	ORMATION (S	See Section B of instruction	ns)		
Municipality Name	County	City		Boro	Twp
City of Pittsburgh	Allegheny	×			
Municipality Contact Individual - Last Name Prendergast	First Name Kyla	MI	Suffix	Title Senior Envi	ronmental Planner
Additional Individual Last Name	First Name	MI	Suffix	Title	
Municipality Mailing Address Line 1 200 Ross Street		Mailing Address Line 2  4th floor			
Address Last Line City		State	ZIP+	-4	
Pittsburgh		PA	152	219	
Area Code + Phone + Ext.	FAX (optional)	Email	(optional)		

C. SITE INFORMAT	ION (See Section C of instruct	ions)				
Site (Land Development of 451 Melwood Avenue	r Project) Name					
Site Location Line 1 451 Melwood Avenue		Site Location	Line 2			
Site Location Last Line C Pittsburgh	ity State PA	ZII	P+4 15213	Latitude 40°27'19.10"N	Longitude 79°57'11.67"W	
Detailed Written Directions	to Site					
Take 31st Street Bridge. Take	Herron Avenue to Melwood Avenue. 45	1 on the left				
Description of Site Warehouse built to lot lines						
Site Contact (Developer/C	wner)					
Last Name	First Name	MI	Suffix	Phone	Ext.	
Blatt	Ryan			914-774-2677		
Site Contact Title Manager		Site Contact Fi 451 Melwood Av	•	ne, leave blank)		
FAX		Email				
		ryan.blatt@bristle		dings.com		
Mailing Address Line 1 25 W 39th Street		Mailing Addres 14th Floor	s Line 2			
Mailing Address Last Line -	- City	State	Z	ZIP+4		
New York		NY		10018		
D. PROJECT CONS	ULTANT INFORMATION	*	of instru	ictions)		
Last Name Taylor	First N Thomas	lame		MI L	Suffix	
Title	Consu	Iting Firm Name	<del></del>			
Senior Project Manager		Technical Associate				
Mailing Address Line 1		Mailing Addres	s Line 2			
35 Wilson Street	Suite 20	1				
Address Last Line – City Pittsburgh	State PA	ZIP+ 15223	-4	Country US		
Email thomast@hampton-tech.net	Area Code + Phone 412-781-9660	Ext.		Area Code	+ FAX	
E. AVAILABILITY O	F DRINKING WATER SU	PPLY				
The project will be pro	ovided with drinking water from	the following so	ource: (C	heck appropriate box		
Individual wells o	<del>-</del>	the following sc	Juice. (C	nieck appropriate box)		
= ' ' '	X A proposed public water supply.					
An existing public	• • •					
	water supply is to be used, pro empany stating that it will serve		of the wa	ater company and atta	cn documentation	
Name of water co	ompany: Pittsburgh Water and Sev	ver Authority				
F. PROJECT NARR	ATIVE (See Section F of instr	uctions)				

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

G.	PRO	OPC	OSED WASTEWATER DISPOSAL FACILITIES (See Section G of instructions)
-	serv	ed.	Il boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's This information will be used to determine consistency with Chapter 93 (relating to wastewater treatmentents).
	1.		DLLECTION SYSTEM
		a.	Check appropriate box concerning collection system
			New collection system
			Grinder pump(s)
		Cle	ean 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's3.5
			Connections1
			Name of: existing collection or conveyance systemMelwood - 18" VCP ownerPWSA
			existing interceptor Allegheny
			owner Allegheny County Sanitary Authority
	2.	WA	ASTEWATER TREATMENT FACILITY
		ED pro	eck all boxes that apply, and provide information on collection, conveyance and treatment facilities and U's served. This information will be used to determine consistency with Chapter(s) 91 (relating to general polysions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring and mpliance) 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 facilityALCOSAN - Woods Run WWTP
			NPDES Permit Number for existing facility
			Clean Streams Law Permit Number PAG 136110
			Location of discharge point for a new facility. Latitude Longitude
		b.	The following certification statement must be completed and signed by the wastewater treatment facility permitee or their representative.
			As an authorized representative of the permittee, I confirm that the ALCOSAN - Woods Run WWTP  (Name from above) sewage treatment facilities can accept sewage flows from this project withou adversely affecting the facility's ability to achieve all applicable technology and water quality based effluen limits (see Section I) and conditions contained in the NPDES permit identified above.
			Name of Permittee Agency, Authority, MunicipalityALCOSAN
			Name of Responsible Agent
			Agent Signature Date 8-12-22
			(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.
- Existing and proposed buildings, streets, roadways, access roads, etc.

- Any designated recreational or open space area.
- k. 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.		X	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 <b>MUST BE SELECTED</b> 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	JLTURAL LAND PROTECTION
YΕ	S N	10	
	×		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
YΕ	S N	10	
			Sufficient documentation is attached to confirm that this project is consistent with DEP Technical Guidance 012-0700-001 <i>Implementation of the PA State History Code</i> (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 ok one:			
	X	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 <a href="https://www.naturalheritage.state.pa.us">www.naturalheritage.state.pa.us</a> , 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	TERNATIVE SEWAGE FACILITIES ANALYSIS (See Section H of instructions)		
	X	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 effluen 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.

П	J.	CHAPTER 9	4 CONSISTENCY	<b>DETERMINATION</b>	(See Section	l of instructions)
ш	<b>J</b> .	CHAF LEIV 3	4 COMOIO I EMO I	DE LEKIMINA LION	(See Section ,	) 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 1403 gpc
- 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.

	_	nd/or Permitted ncity (gpd)	b. Present	Flows (gpd)	c. Projecte 5 yea (2 years	ırs (gpd)
	Average Peak Average		Peak	Average	Peak	
Collection	1,250,107			8,246	28,860	
Conveyance		31,200,000	8.810.000	10.800 000	8.901.000	10 911 000
Treatment	250,000,000	250 000,000			228 342,000	

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. 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	DIACOA					
	Name of Agency, Authority, Municipality						
	Name of Responsible Agent Robert Herring						
	Agent Signature _ Maled Hearing _ 2022 07 25 09:39:18-04'00'	Date 7/25/2022					

J. CHAPTER 94 CONSISTENCY DETERMINATION (See Section J of instructions)
c. Conveyance System
Name of Agency, Authority, MunicipalityALCOSAN
Name of Responsible Agent Toe Fedor
Agent Signature feder
Date 8-72-22
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 o 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 loca agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved CAF 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 treatmen 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, MunicipalityALCOSAN
Name of Responsible Agent Toe Fedor
Agent Signature
Date 8-12-22
K. TREATMENT AND DISPOSAL OPTIONS (See Section K of instructions)
<del>_</del>
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 <b>NOT</b> 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.
<ul> <li>Recycle and reuse is proposed and the information requested in Section K-2 of the planning module instructions is attached.</li> </ul>
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. o 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.

<u> </u>	N. DETA	AILED HYDROGEOLOGIC STUDY (See Section N of instructions)		
	☐ The	e detailed hydrogeologic information required in Section N. of the instructions is attached.		
0.	SEWA	AGE MANAGEMENT (See Section O of instructions)		
		oletion by the developer(project sponser), 4-5 for completion by the non-municipal facility agent and tion by the municipality)		
1.		Is connection to, or construction of, a DEP permitted, non-municipal sewage facility or a local agency permitted, community onlot sewage facility proposed.		
	to assu	respond 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 gpd		
	Yes	No		
3.		☐ Is the use of nutrient credits or offsets a part of this project?		
		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.	Collection	on 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.			
	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 ncy and/or DEP until this issue is resolved.		
	to inc	, a representative of the organization responsible for the collection and conveyance facilities must sign below dicate that the collection and conveyance facilities have adequate capacity and are able to provide service to proposed development in accordance with Chapter 71 §71.53(d)(3) and that this proposal will not affect that its.		
	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

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?					
				ning module for sewage facilities will not be reviewed by the municipality, delegated local EP 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 o	of Facility						
		Name of Responsible Agent							
		Agent S	Signature						
		Date							
(For	com			unicipality)					
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.	PU	BLIC N	OTIFIC	ATION 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 newspaper of general circulation to provide a chance for the general public to comment on proposed new ladevelopment projects. This notice may be provided by the applicant or the applicant's agent, the municipality or local agency by publication in a newspaper of general circulation within the municipality affected. Where applicant or an applicant's agent provides the required notice for publication, the applicant or applicant's agent should be municipality or local agency and the municipality and local agency will be relieved of the obligation 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".								
	١	es No							
	1.	x	Does tl	ne project propose the construction of a sewage treatment facility?					
	2.		Will the per day	e project change the flow at an existing sewage treatment facility by more than 50,000 gallons ??					
	3.	_ x	Will the	e project result in a public expenditure for the sewage facilities portion of the project in excess 0,000?					
	4.	☐ X		e project lead to a major modification of the existing municipal administrative organizations he municipal government?					
	5.		Will the	e project require the establishment of <i>new</i> municipal administrative organizations within the pal government?					
	6.	x		e project result in a subdivision of 50 lots or more? (onlot sewage disposal only)					
	7.			ne project involve a major change in established growth projections?					
	8.			ne project involve a different land use pattern than that established in the municipality's Official e Plan?					

P.	PUBLIC NOTIFICATION REQUIREMENT co	ont'd. (See Section P of instructions)
		quality or exceptional value waters?
•	X	
Q.	FALSE SWEARING STATEMENT (See Section	n Q of instructions)
belief	f. I understand that false statements in this componed ng to unsworn falsification to authorities.	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
	Thomas L. Taylor	
	Name (Print)	Signature
	Senior Project Manager	6-10-2022
	Title 35 Wilson Street; Suite 201; Pittsburgh, PA 15223	Date 412-781-9660
	Address	Telephone Number
R.	REVIEW FEE (See Section R of instructions)	
proje modu "dele	ct and invoice the project sponsor <b>OR</b> the project spor lle prior to submission of the planning package to DEF	nning module review. DEP will calculate the review fee for the asor may attach a self-calculated fee payment to the planning P. (Since the fee and fee collection procedures may vary if a ject sponsor should contact the "delegated local agency" to
	request DEP calculate the review fee for my project a DEP's review of my project will not begin until DEP receives	nd send me an invoice for the correct amount. I understand ves the correct review fee from me for the project.
ir F re s	nstructions. I have attached a check or money order in to PA, DEP". Include DEP code number on check. I un eceives the fee and determines the fee is correct. If the	the formula found below and the review fee guidance in the the amount of \$175 payable to "Commonwealth of nderstand DEP will not begin review of my project unless it he fee is incorrect, DEP will return my check or money order, d DEP review will NOT begin until I have submitted the correct
lo s	ot and is the <b>only</b> lot subdivided from a parcel of land	eview fee because this planning module creates <b>only</b> one new d as that land existed on December 14, 1995. I realize that disqualify me from this review fee exemption. I am furnishing a fee exemption.
C	County Recorder of Deeds for	County, Pennsylvania
		Book Number
P	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)

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS SECTION 3.0 PLANNING REVIEW

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS COMPONENT 4A: MUNICIPAL PLANNING AGENCY REVIEW



X

 $\boxtimes$ 

# 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** 451 Melwood Ave SECTION B. **REVIEW SCHEDULE** (See Section B of instructions) 1. Date plan received by municipal planning agency 9/15/2022 Date review completed by agency 9/23/2022 SECTION C. **AGENCY REVIEW** (See Section C of instructions) 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 Is this proposal consistent with the use, development, and protection of water resources? X3. If no, describe the inconsistencies \_\_\_\_\_ Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land |X|Preservation? X Does this project propose encroachments, obstructions, or dams that will affect wetlands? If yes, describe impacts  $\boxtimes$ Will any known historical or archaeological resources be impacted by this project? If yes, describe impacts \_\_\_\_\_ Will any known endangered or threatened species of plant or animal be impacted by this  $\boxtimes$ 7. project? If yes, describe impacts X Is there a municipal zoning ordinance? 8.  $\boxtimes$ 9. Is this proposal consistent with the ordinance? If no, describe the inconsistencies П  $\boxtimes$ 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?

12. Is there a municipal subdivision and land development ordinance?

### 3850-FM-BCW0362A 6/2016

SECTION C.		AGENCY REVIEW (continued)			
Yes	No				
$\boxtimes$		13.	Is this proposal consistent with the ordinance?		
			If no, describe the inconsistencies		
$\boxtimes$		14.	Is this plan consistent with the municipal Official Sewage Facilities Plan?		
			If no, describe the inconsistencies		
	$\boxtimes$	15.	Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?		
			If yes, describe		
	$\boxtimes$	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: September 23, 2021		
			Name of Municipal Planning Agency: City of Pittsburgh Department of City Planning		
			Address 200 Ross Street 4th Floor Pittsburgh, PA 15219		
			Telephone Number: (412) 255-6551		
SECTIO	N D.	ADDIT	IONAL 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 plar	nning ag	gency m	ust complete this component within 60 days.		

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

SEWAGE FACILIIES PLANNING MODULE
451 MELWOOD AVENUE RENOVATIONS
COMPONENT 4C: COUNTY OR JOINT HEALTH DEPARTMENT REVIEW



August 17, 2022

Thomas Taylor Hampton Technical Associates, Inc. Etna Technical Center 35 Wilson Street, Suite 201 Pittsburgh, PA 15223

RE: SEWAGE FACILITIES PLANNING MODULE; ALLEGHENY COUNTY 451 Melwood Avenue, City of Pittsburgh

Dear Mr. Taylor:

Enclosed is a signed copy of Component 4C, County or Joint County Health Department Review, for the above-referenced development. This Planning Module Component was received on August 16, 2022. The project proposes the following:

Project Description: 451 Melwood Avenue. Proposing to convert an

existing warehouse into 20 commercial kitchens to make and sell online orders to be delivered to the customers located in the City of Pittsburgh,

Allegheny County.

Sewage Flow: 1,403 GPD

Conveyance: The flow from this site will be conveyed to the

Pittsburgh Water and Sewer Authority (PWSA) collection system to the ALCOSAN POC A-22 to the Allegheny River Interceptor and then to the

ALCOSAN Treatment Plant at Woods Run.

Sewer's Owner: PWSA (collection) and ALCOSAN (interceptor)

Name of 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.







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, you can contact Drew Grese, Acting Plumbing Chief at 412-578-8055.

The ACHD has no objection to the approval of this project. If you have any questions, please call me at 412-578-8046.

Sincerely,

Freddie Fields, M.B.A.

Environmental Health Engineer III

Water Pollution Control & Solid Waste Management

FF/cb Enclosure

cc: Thomas Flanagan, PA Department of Environmental Protection w/attachment (electronically)
Drew Grese, ACHD w/attachment w/attachments (electronically)

**PROTECTION** 

# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

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

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

## Background

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

## Who Should Complete the Component?

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

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

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

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

#### Section A. Project Name

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

#### Section B. Review Schedule

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

#### Section C. Agency Review

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

#### Section D. Additional Comments

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



#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DEP Code #:	

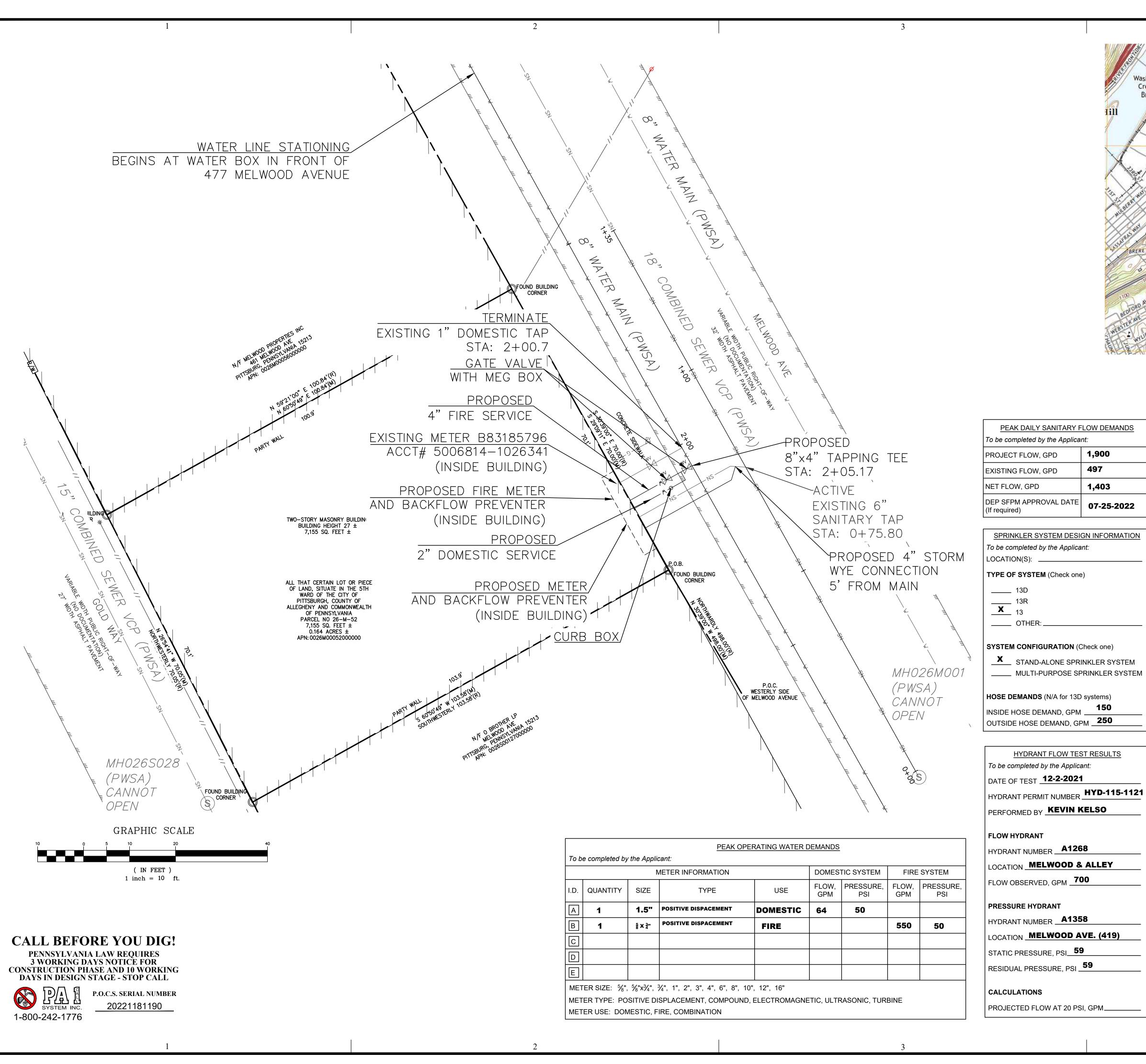
# SEWAGE FACILITIES PLANNING MODULE COMPONENT 4C - COUNTY OR JOINT HEALTH DEPARTMENT REVIEW

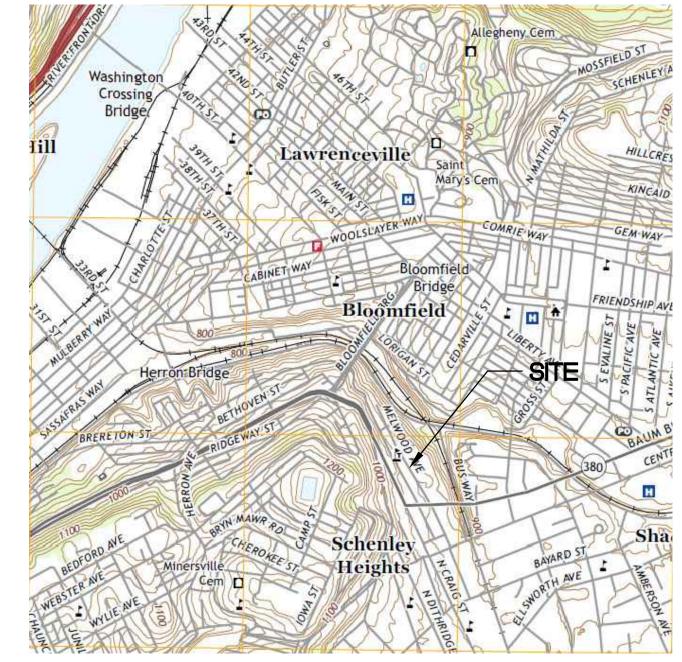
package	e and	one o	<b>Sponsor:</b> To expedite the review of your proposal, one copy of your completed planning module copy of this <i>Planning Agency Review Component</i> should be sent to the county or joint county health r comments.
SECTIO	ON A.	PR	ROJECT NAME (See Section A of instructions)
Project			
451 Me			
SECTIO			EVIEW SCHEDULE (See Section B of instructions)
			ceived by county or joint county health department August 16, 2022
А	gency	nam	e Allegheny County Health Department (ACHD)
2. D	ate re	view	completed by agency August 17, 2022
SECTIO	ON C.	AC	GENCY REVIEW (See Section C of instructions)
Yes	No	1.	Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
			If no, what are the inconsistencies?
		2.	Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
			If yes, describe
	$\boxtimes$	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. See attached letter.
		5.	Name, title and signature of person completing this section:
			Name: Freddie Fields
			Title: Environmental Health Engineer III
			Title: Environmental Health Engineer III Signature:
			Date: August 17, 2022
			Name of County Health Department: ACHD
			Address: 3901 Penn Avenue, Building #5, Pittsburgh, PA 15224-1318
			Telephone Number: 412-578-8046
SECTIO	ON D.	A	DDITIONAL COMMENTS (See Section D of instructions)
This co	mpone posed	ent de	oes not limit county planning agencies from making additional comments concerning the relevancy of to other plans or ordinances. If additional comments are needed, attach additional sheets.
			ng agency must complete this component within 60 days.  Indicate and any additional comments are to be returned to the applicant.

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS SECTION 4.0 REFERENCES

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS EXHIBITS

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS DRAWING (FULL SIZE DRAWING ALSO ATTACHED)





PEAK DAILY SANITARY FLOW DEMANDS 1,900 497 1,403 07-25-2022

SPRINKLER SYSTEM DESIGN INFORMATION

SYSTEM CONFIGURATION (Check one)

\_\_\_\_\_ MULTI-PURPOSE SPRINKLER SYSTEM

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

OUTSIDE HOSE DEMAND, GPM 250

HYDRANT FLOW TEST RESULTS



**ACCOUNT NUMBER: 5006814-1026341 METER NUMBER: B83185796** 

THE PITTSBURGH WATER & SEWER AUTHORITY APPROVAL BLOCK

To be completed by the Applicant: (Check all that apply)

X NEW WATER CONNECTION(S)

\_\_\_\_ NEW SEWER CONNECTION(S)

\_\_\_\_ REUSE EXISTING WATER CONNECTION(S)

**X** REUSE EXISTING SEWER CONNECTION(S)

**X** TERMINATE EXISTING WATER CONNECTION(S)

\_\_\_\_\_ TERMINATE EXISTING SEWER CONNECTION(S) PRIVATE CONSTRUCTION OF PUBLIC FACILITIES

To be completed by the PWSA:

(Required for ALL approvals)

REVIEWER, DEPT. OF ENGINEERING AND CONSTRUCTION

SENIOR PROJECT MANAGER, DEPT. OF ENGINEERING AND CONSTRUCTION

**DIRECTOR OF OPERATIONS** 

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

DIRECTOR, DEPT. OF ENGINEERING AND CONSTRUCTION

**PWSA PROJECT NUMBER** TAP C RECORD NUMBER

Signatures / Approval by PWSA are for the physical connection(s) to the water and/or sewer system only. Responsibility for the design and work depicted by the drawings, including the flow design for the facilities, is by the Professional Engineer shown by the seal and signature affixed to the drawing. The PWSA does not represent or warrant that the water supply to the facilities is sufficient to support the design.

www.hampton-technical.com

35 Wilson Street, Suite 201 Pittsburgh, PA 15223 PHONE: (412) 781-9660 FAX: (412) 781-5904

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

451 Melwood Avenue PWSA tap-in and termination

13906 CU131.dwg HORZ. SCALE: VERT. SCALE

**CU131** 

1" = 10'

13906

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS APPENDICES

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS APPENDIX A: AVAILABILITY OF WATER SUPPLY



04/06/2022

Thomas Taylor Hampton Technical Associates, Inc. 32 Wilson St, Pittsburgh PA 15223-1761

RE: Water and Sewer Availability

451 Melwood Ave, Pittsburgh PA 15213-1135

Dear Thomas Taylor

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

Sewer service available: Yes Water service available: Yes

8" Melwood Avenue

8" Melwood Avenue 15" Gold 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,

3 Venly M. Dean

Wendy M. Dean **Engineering Tech II** 

SEWAGE FACILIIES PLANNING MODULE
451 MELWOOD AVENUE RENOVATIONS
APPENDIX B: SEWAGE AVALABILITY OF CAPACITY & ALLOCATION



August 12, 2022

#### Members of the Board

Sylvia C. Wilson Chair Person

Shannah Tharp-Gilliam, Ph.D. Harry Readshaw Jack Shea Emily Kinkead Paul Klein

Arletta Scott Williams
Executive Director

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

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

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

Karen Fantoni, CPA, CGMA Director Finance

Michael Lichte, P.E. Director Regional Conveyance

Jeanne K. Clark
Director
Governmental Affairs

Joseph Vallarian
Director
Communications

Julie Motley-Williams
Director
Administration

Thomas Taylor Hampton Technical Associates 35 Wilson St, Suite 201 Pittsburgh, PA 15223

Re: 451 Melwood Avenue

City of Pittsburgh – Allegheny County PA DEP Sewage Facilities Planning Module ALCOSAN Regulator Structure A-22-00

Dear Mr. Taylor,

We have reviewed the Component 3 Planning Module for the referenced project to be located at 451 Melwood Avenue, City of Pittsburgh. The project will generate a peak flow of 1,403 gpd in the ALCOSAN Allegheny River Interceptor and Woods Run Treatment Plant.

The capacity of the ALCOSAN A-22-00 regulator structure is approximately 31.2 MGD. The estimated peak dry weather flow is approximately 10.8 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)

B. King/PWSA (w/o attachment)

Thomas Flanagan/PADEP (w/o attachment)

Fred Fields/ACHD (w/o attachment)

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS APPENDIX C: PROJECT NARRATIVE





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

#### **Mars Office**

123 Ridge Road Suite B \* Valencia, PA 16059 Phone: (724) 625-4544 \* Fax: (724) 625-4549

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

# Project Narrative: 451 Melwood Avenue

City of Pittsburgh, Pennsylvania, 5th Ward

#### **General**

451 Melwood Ave PIT LLC is proposing to convert an existing warehouse into 20 commercial kitchens to make and sell online orders to be delivered to the customers. The following is a synopsis of the water and sewer tapping anticipated for the project.

#### **Existing Use**

The project site consists of 1 lot encompassing 0.1639 acres with 1 warehouse building on the lot lines.

#### **Proposed Use**

451 Melwood Avenue is a renovated commercial building housing 20 independent kitchens representing 20 different restaurant businesses who will prepare and make food to order based upon an online ordering system and delivery system. There will be no onsite eating or assembly at 451 Melwood Avenue.

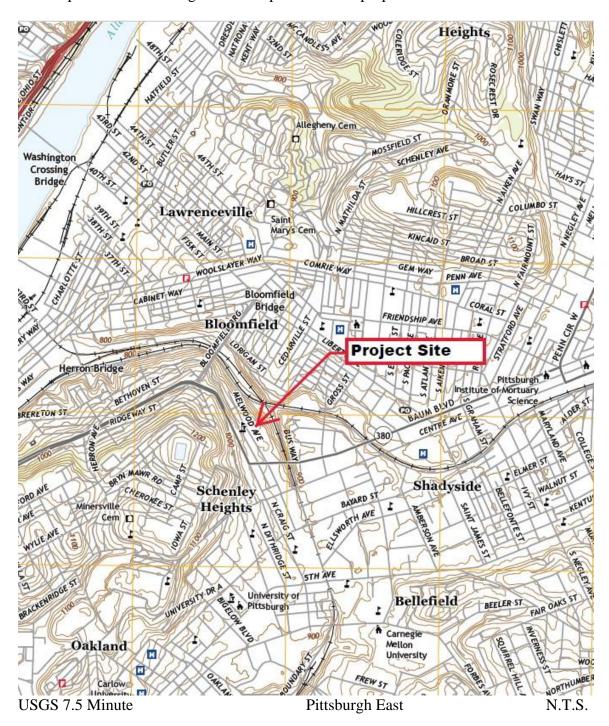
#### **Anticipated Water Consumption, Sanitary and Storm Sewer Flows**

Domestic water will be provided to the new building via a proposed 4" tap into the existing 8" main located in Melwood Avenue. The lateral will split at the curb to provide 2" Domestic and 4" Fire service into the meter set inside the building as shown in PWSA Detail WS-C1.

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

All sanitary and storm sewer flows will tap into the existing PWSA 18" combined sewer main in Melwood Avenue. A detailed flow calculation for sanitary and for storm has been provided in a separate document attached to this application. The proposed use has an anticipated water and sewer consumption of 1,403 gpd NET and a proposed stormwater runoff of 4.249 cfs. All sewage will travel by gravity within the A-22-OF sewershed to the Allegheny Interceptor where it will be conveyed to the ALCOSAN Wood's Run Water Treatment Plant.

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



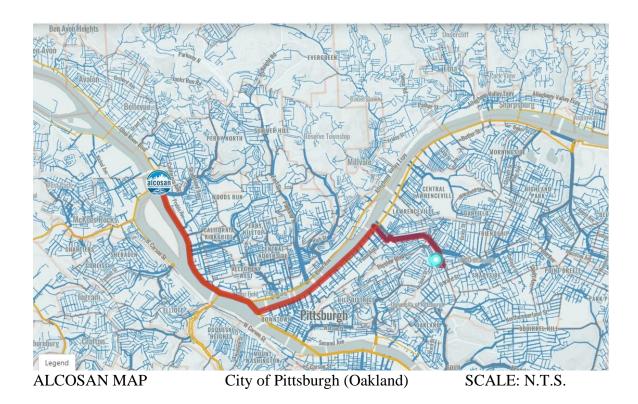
## 451 Melwood Ave - Sewer



PWSA SEWER MAP

City of Pittsburgh (Oakland)

SCALE: N.T.S



SEWAGE FACILIIES PLANNING MODULE
451 MELWOOD AVENUE RENOVATIONS
APPENDIX D: PROPOSED WASTEWATER DISPOSAL FACILITIES

#### **Appendix D**

## **Proposed Wastewater Disposal Facilities**

#### 1. Collection System

The proposed project will flow to an existing public waste water treatment facility. The collection system is a gravity sewer line.

#### 2. Wastewater Treatment Facility

The proposed project will be serviced by the existing public waste water treatment facility operated by ALCOSAN.

#### 3. Social Economic Justification

The proposed project does not involve a discharge of treated effluent.

#### 4. Plot Plan

The entire property consists of approximately 0.1639 acres, zoned Urban Industrial. The existing property is located in an urban setting. There is one existing buildings located on the site. The warehouse building is being converted into 20 commercial kitchens.

Drawing SFPM provides a plot plan and addresses the requested information (as outlined in the Instructions for Completing Component 3 – Sewage Collection and Treatment Facilities) as summarized in Table D-1.

#### 5. Wetland Protection

There are no wetlands on the subject property.

#### 6. Prime Agricultural Land Protection

The project site is not primary farmland. The issue has been addressed with the city.

#### 7. Historic Preservation Act

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

## TABLE D-1

# 451 MELWOOD AVENUE RENOVATIONS SEWAGE FACILITIES PLANNING MODULE

# PLOT PLAN

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

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS APPENDIX E: CULTURAL RESOURCE NOTICE

451 Melwood Avenue Renovations 5th Ward City of Pittsburgh, Allegheny County, Pennsylvania Sewage Facilities Planning Module Appendix E: Cultural Resource Notice

# Appendix E Cultural Resource Notice

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

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS APPENDIX F: ALTERNATIVE SEWAGE FACILITIES ANALYSIS

City of Pittsburgh, Allegheny County, Pennsylvania Sewage Facilities Planning Module Appendix F: Alternative Sewage Facilities Analysis

### Appendix F

#### **Alternative Sewage Facilities Analysis**

There are two options for providing sewage services to the existing building at 451 Melwood Avenue. Option 1 is to create 1 (1) new tap on the existing 18" PWSA public collection system that runs in Melwood Avenue upstream of manhole MH026M001. The Pittsburgh Water and Sewer Authority (PWSA) owns and operates the line. PWSA has been consulted about providing sewage services to the project (Option 1) and this is their preferred option. Option 2 would be to construct an on-lot system within the development area. Some concerns with option 2 are that the area required to construct these facilities are not ideal for urbanized areas as they require a relatively large footprint. The project would not be economical viable with this option. Sewerage would be conveyed to both options via lateral from the building.

- 1. The chosen disposal method is Option 1, an ultimate method, and that is to reuse an existing 6" tap to an existing 18" combination sewer line. The net flow for the proposed development is 1,403 gpd (3.5 EDU's).
- 2. The surrounding properties are zoned for commercial and are fully developed. They are serviced by Municipal Collection Pittsburgh Water and Sewer Authority. Regional Conveyance and Treatment Allegheny County Sanitary Authority (ALCOSAN)
- 3. The PWSA is in the process of completing local as well as regional and multi-municipal feasibility studies. At this time there is no indication that there would be public/private projects proposed. The PWSA has capacity to service the land uses.
- 4. The approved method of sewage disposal in the City of Pittsburgh's official Sewage Facilities Plan is public sewers.
- 5. There are no existing sewage management programs in the area.
- 6. The chosen method of tapping into an existing 18-inch combination collection system to serve the development would serve the short and long-term needs because it can convey the required 1,403 GPD (3.5 EDU's) to meet the full development of the site.

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

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

1.

- An area of concern for picking the preferred disposal method was the need to avoid unnecessary
  earth disturbance and avoid methods that would have long-term maintenance concerns that could
  degrade the environment
- b. The topography and soils will not work for subsurface absorption system and the flow is too large.
- c. The sewage treatment plant to be utilized is the existing ALCOSAN facility that is permitted through the PA DEP
- d. The existing sewage collection system and proposed extension are adequately sized to accept the increase in flow
- e. The chosen disposal method is the most cost effective for the developer as it will require the least amount of public infrastructure improvement to service the development. This method will minimize to the highest extent practicable the long-term maintenance costs for the new collection system.
- 2. The existing collection system is owned and operated by PWSA

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS APPENDIX G: PNHP / PNDI CORRESPONDENCE

# 1. PROJECT INFORMATION

Project Name: **451 Melwood Avenue**Date of Review: **6/10/2022 12:33:56 PM** 

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

Project Area: **0.31 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: 40.455312, -79.953209

Degrees Minutes Seconds: 40° 27' 19.1231" N, 79° 57' 11.5532" W

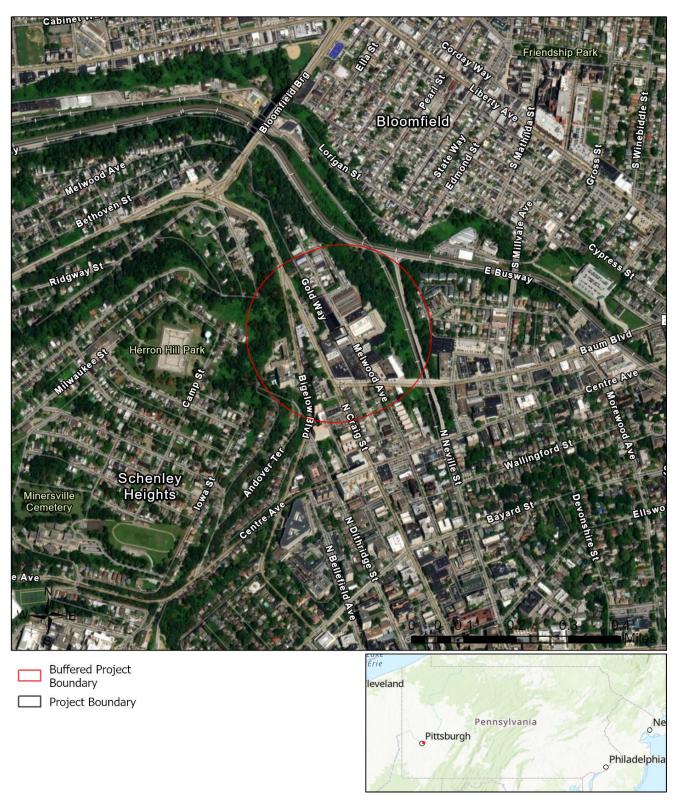
### 2. SEARCH RESULTS

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

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

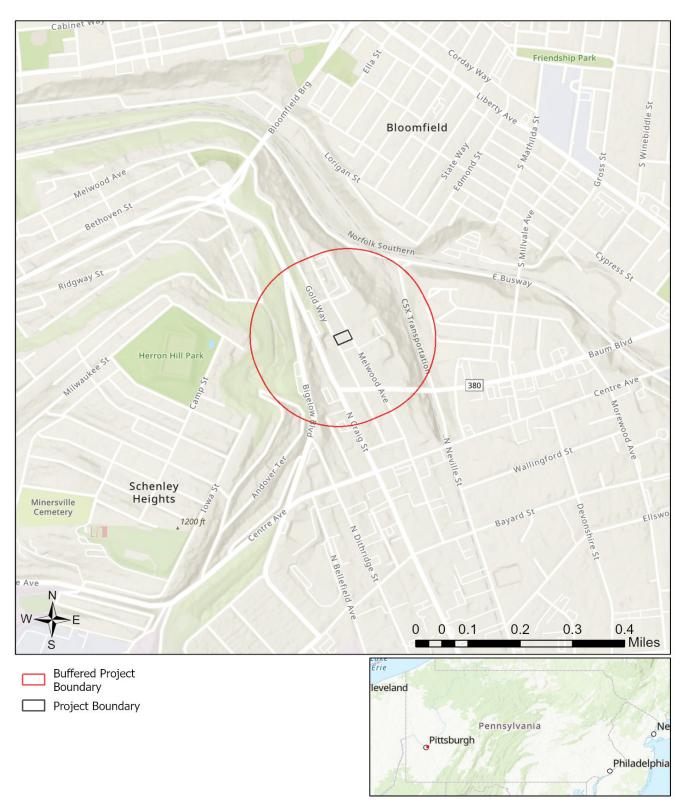
Project Search ID: PNDI-761829

### 451 Melwood Avenue



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

### 451 Melwood Avenue



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

### 3. AGENCY COMMENTS

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

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

# **PA Game Commission**

### **RESPONSE:**

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

# PA Department of Conservation and Natural Resources RESPONSE:

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

# PA Fish and Boat Commission

### **RESPONSE:**

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

# U.S. Fish and Wildlife Service RESPONSE:

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

### 4. DEP INFORMATION

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

Project Search ID: PNDI-761829

### Project Search ID: PNDI-761829

### 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 (<a href="www.naturalheritage.state.pa.us">www.naturalheritage.state.pa.us</a>). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

### 6. AGENCY CONTACT INFORMATION

# PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section 400 Market Street, PO Box 8552 Harrisburg, PA 17105-8552

Email: RA-HeritageReview@pa.gov

#### **PA Fish and Boat Commission**

Division of Environmental Services 595 E. Rolling Ridge Dr., Bellefonte, PA 16823

Email: RA-FBPACENOTIFY@pa.gov

Thomas Taylor

Name:

### U.S. Fish and Wildlife Service

Pennsylvania Field Office Endangered Species Section 110 Radnor Rd; Suite 101 State College, PA 16801 Email: IR1 ESPenn@fws.gov

**NO Faxes Please** 

#### **PA Game Commission**

Bureau of Wildlife Management Division of Environmental Review 2001 Elmerton Avenue, Harrisburg, PA 17110-9797

Email: RA-PGC PNDI@pa.gov

**NO Faxes Please** 

# 7. PROJECT CONTACT INFORMATION

Address: 35 Wilson Street, suite 201	
City, State, Zip: Pittsburgh, PA 15223	125(La. 2)134 (d)
Phone:( 412 ) 781-9660 Fax:( )	
Email: thomast@hampton-tech.net	
8. CERTIFICATION	
certify that ALL of the project information contained in this receipt (ir	ncluding project location, project
size/configuration, project type, answers to questions) is true, accura	te and complete. In addition, if the project type
ocation, size or configuration changes, or if the answers to any ques-	tions that were asked during this online review
change, I agree to e-do the online environmental review.	
	6-10-2022
applicant/project proponent signature	date
/	

Hampton Technical Associates

SEWAGE FACILIIES PLANNING MODULE 451 MELWOOD AVENUE RENOVATIONS APPENDIX H: PUBLIC NOTICE

### 451 Melwood Avenue

City of Pittsburgh, Allegheny County, Pennsylvania Sewage Facilities Planning Module Appendix H: Public Notice

## Appendix H Public Notice

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