

**SEWAGE FACILITIES PLANNING MODULE**

**SSW APARTMENT BUILDING  
CITY OF PITTSBURGH  
ALLEGHENY COUNTY, PENNSYLVANIA**

**Prepared by:**

**CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

**CEC Project 311-824**

**August 2021**



**Civil & Environmental Consultants, Inc.**

## **TABLE OF CONTENTS**

- APPENDIX A – SEWAGE FACILITIES PLANNING MODULE – COMPONENT 3
- APPENDIX B – SEWAGE FACILITIES PLANNING MODULE – COMPONENT 4A
- APPENDIX C – SEWAGE FACILITIES PLANNING MODULE – COMPONENT 4C
- APPENDIX D – SITE LOCATION MAP
- APPENDIX E – PROJECT NARRATIVE
- APPENDIX F – ALTERNATIVE SEWAGE FACILITIES ANALYSIS
- APPENDIX G – SANITARY SEWER FLOW CALCULATIONS
- APPENDIX H – PWSA FLOW MONITORING RESULTS / CALCULATIONS
- APPENDIX I – PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION  
CORRESPONDENCE
- APPENDIX J – PNDI PROJECT ENVIRONMENTAL REVIEW RECEIPT
- APPENDIX K – PLOT PLAN
- APPENDIX L – WATER SERVICE AVAILABILITY LETTER
- APPENDIX M – RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT
- APPENDIX N – TRANSMITTAL LETTER FOR SEWAGE FACILITIES PLANNING  
MODULE
- APPENDIX O – CLEARANCE LETTERS

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**APPENDIX A**

**SEWAGE FACILITIES PLANNING MODULE – COMPONENT 3**

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

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

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

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

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

1. Project Name SSW Apartment Building

2. Brief Project Description SomeraRoad Inc. is proposing to construct an apartment building to include a 60,000 GSF building and associated parking.

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

Municipality Name	County	City	Boro	Twp
City of Pittsburgh, 12 <sup>th</sup> Ward	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Battistone	Martina	F		Senior Environmental Planner
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
Department of City Planning	200 Ross Street, Suite 4			
Address Last Line -- City	State	ZIP+4		
Pittsburgh	PA	15219		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-2516		Martina.Ballistone@pittsburghpa.gov		

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

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

SSW Apartment Building

Site Location Line 1  
2613 S. Water Street

Site Location Line 2

Site Location Last Line -- City  
Pittsburgh

State  
PA

ZIP+4  
15203

Latitude  
40.429507

Longitude  
-79.965899

Detailed Written Directions to Site Driving eastbound on I-376 from the City of Pittsburgh, take Exit 71A for Grant Street. Continue onto Grant Street and then turn right onto Second Avenue. Follow Second Avenue until taking a right on the Hot Metal Bridge. Turn right onto S. Water Street and continue until you pass Hofbrauhaus Pittsburgh on the right.

Description of Site Project site consists of a gravel lot with building materials/machinery stored on site

**Site Contact (Developer/Owner)**

Last Name

First Name

MI

Suffix

Phone

Ext.

McCune

Chris

412-351-9016

Site Contact Title

Site Contact Firm (if none, leave blank)

Developer

SomeraRoad Inc.

FAX

Email

chris@someraroadinc.com

Mailing Address Line 1

Mailing Address Line 2

424 S 27<sup>th</sup> Street, Suite 300

Mailing Address Last Line -- City

State

ZIP+4

Pittsburgh

PA

15203

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

Last Name

First Name

MI

Suffix

Zhukas

Nelson

Title

Consulting Firm Name

Staff Consultant

Civil & Environmental Consultants, Inc.

Mailing Address Line 1

Mailing Address Line 2

333 Baldwin Road

Address Last Line -- City

State

ZIP+4

Country

Pittsburgh

PA

15205

Email

Area Code + Phone

Ext.

Area Code + FAX

nzhukas@cecinc.com

412-354-8093

**E. AVAILABILITY OF DRINKING WATER SUPPLY**

The project will be provided with drinking water from the following source: (Check appropriate box)

- Individual wells or cisterns.
- A proposed public water supply.
- An existing public water supply.

If existing public water supply is to be used, provide the name of the water company and attach documentation from the water company stating that it will serve the project.

Name of water company: PWSA

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

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

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

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

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

**1. COLLECTION SYSTEM**

a. Check appropriate box concerning collection system

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

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

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 109

Connections 2

Name of:

existing collection or conveyance system S. WATER STREET - 8" PVC SANITARY SEWER

owner PWSA

existing interceptor Monogahela River Interceptor

owner ALCOSAN

**2. WASTEWATER TREATMENT FACILITY**

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter(s) 91 (relating to general provisions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring and compliance) and 93 (relating to water quality standards).

a. Check appropriate box and provide requested information concerning the treatment facility

- New facility     Existing facility     Upgrade of existing facility     Expansion of existing facility

Name of existing facility ALCOSAN

NPDES Permit Number for existing facility 25984

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

Location of discharge point for a new facility. Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

b. The following certification statement must be completed and signed by the wastewater treatment facility permittee or their representative.

As an authorized representative of the permittee, I confirm that the \_\_\_\_\_  
(Name from above) sewage treatment facilities can accept sewage flows from this project without adversely affecting the facility's ability to achieve all applicable technology and water quality based effluent limits (see Section I) and conditions contained in the NPDES permit identified above.

Name of Permittee Agency, Authority, Municipality \_\_\_\_\_

Name of Responsible Agent \_\_\_\_\_

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

(Also see Section I. 4.)

**G. PROPOSED WASTEWATER DISPOSAL FACILITIES** (Continued)

**3. PLOT PLAN**

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

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

**4. WETLAND PROTECTION**

YES NO

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

**5. PRIME AGRICULTURAL LAND PROTECTION**

YES NO

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

**6. HISTORIC PRESERVATION ACT**

YES NO

- Sufficient documentation is attached to confirm that this project is consistent with DEP Technical Guidance 012-0700-001 *Implementation of the PA State History Code* (available online at the DEP website at [www.dep.state.pa.us](http://www.dep.state.pa.us), select "subject" then select "technical guidance"). As a minimum this includes copies of the completed Cultural Resources Notice (CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

**7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES**

Check one:

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

Applicant or Consultant Initials NBZ

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

- An alternative sewage facilities analysis has been prepared as described in Section H of the attached instructions and is attached to this component.

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

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

**1. Waters designated for Special Protection**

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

**2. Pennsylvania Waters Designated As Impaired**

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

**3. Interstate and International Waters**

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

**4. Tributaries To The Chesapeake Bay**

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

Name of Permittee Agency, Authority, Municipality \_\_\_\_\_

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

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



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

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

1. Project Flows 43,450 gpd
2. Total Sewage Flows to Facilities (pathway from point of origin through treatment plant)

When providing "treatment facilities" sewage flows, use Annual Average Daily Flow for "average" and Maximum Monthly Average Daily Flow for "peak" in all cases. For "peak flows" in "collection" and "conveyance" facilities, indicate whether these flows are "peak hourly flow" or "peak instantaneous flow" and how this figure was derived (i.e., metered, measured, estimated, etc.).

- a. Enter average and peak sewage flows for each proposed or existing facility as designed or permitted.
- b. Enter the average and peak sewage flows for the most restrictive sections of the existing sewage facilities.
- c. Enter the average and peak sewage flows, projected for 5 years (2 years for pump stations) through the most restrictive sections of the existing sewage facilities. Include existing, proposed (this project) and future project (other approved projects) flows.

To complete the table, refer to the instructions, Section J.

	a. Design and/or Permitted Capacity (gpd)		b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd) (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
Collection	315,668	947,005	18,720	56,160	34,601	103,803
Conveyance		<u>2,720,000</u>	<u>72,000</u>	<u>105,000</u>	<u>160,000</u>	<u>190,000</u>
Treatment	<u>250,000,000</u>	<u>250,000,000</u>	<u>190,200,000</u>	<u>250,000,000</u>	<u>219,021,000</u>	<u>295,000,000</u>

3. Collection and Conveyance Facilities

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

YES NO

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

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

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

b. Collection System

Name of Agency, Authority, Municipality PWSA

Name of Responsible Agent Barry King, PE, PMP

Agent Signature  Date 9/13/2021

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

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Joe Fedor

Agent Signature Joe Fedor

Date 9-22-21

4. Treatment Facility

The questions below are to be answered by a representative of the facility permittee in coordination with the information in the table and the latest Chapter 94 report. The individual signing below must be legally authorized to make representation for the organization.

YES NO

- a.   This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved CAP granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the planning module.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not impact that status.

- b. Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Joe Fedor

Agent Signature Joe Fedor

Date 9-22-21

**K. TREATMENT AND DISPOSAL OPTIONS** (See Section K of instructions)

This section is for land development projects that propose construction of wastewater treatment facilities. Please note that, since these projects require permits issued by DEP, these projects may **NOT** receive final planning approval from a delegated local agency. Delegated local agencies must send these projects to DEP for final planning approval.

Check the appropriate box indicating the selected treatment and disposal option.

1. Spray irrigation (other than individual residential spray systems (IRSIS)) or other land application is proposed, and the information requested in Section K.1. of the planning module instructions are attached.
2. Recycle and reuse is proposed and the information requested in Section K-2 of the planning module instructions is attached.
3. A discharge to a dry stream channel is proposed, and the information requested in Section K.3. of the planning module instructions are attached.
4. A discharge to a perennial surface water body is proposed, and the information requested in Section K.4. of the planning module instructions are attached.

**L. PERMEABILITY TESTING** (See Section L of instructions)

- The information required in Section L of the instructions is attached.

**M. PRELIMINARY HYDROGEOLOGIC STUDY** (See Section M of instructions)

- The information required in Section M of the instructions is attached.

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

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

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

**(1-3 for completion by the developer(project sponsor), 4-5 for completion by the non-municipal facility agent and 6 for completion by the municipality)**

Yes No

1.   Is connection to, or construction of, a DEP permitted, non-municipal sewage facility or a local agency permitted, community onlot sewage facility proposed.

If Yes, respond to the following questions, attach the supporting analysis, and an evaluation of the options available to assure long-term proper operation and maintenance of the proposed non-municipal facilities. If No, skip the remainder of Section O.

2. Project Flows \_\_\_\_\_ gpd

Yes No

3.   Is the use of nutrient credits or offsets a part of this project?

If yes, attach a letter of intent to purchase the necessary credits and describe the assurance that these credits and offsets will be available for the remaining design life of the non-municipal sewage facility;

**(For completion by non-municipal facility agent)**

4. Collection and Conveyance Facilities

The questions below are to be answered by the organization/individual responsible for the non-municipal collection and conveyance facilities. The individual(s) signing below must be legally authorized to make representation for the organization.

Yes No

- a.   If this project proposes sewer extensions or tap-ins, will these actions create a hydraulic overload on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until this issue is resolved.

If no, a representative of the organization responsible for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with Chapter 71 §71.53(d)(3) and that this proposal will not affect that status.

- b. Collection System

Name of Responsible Organization \_\_\_\_\_

Name of Responsible Agent \_\_\_\_\_

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

Date \_\_\_\_\_

- c. Conveyance System

Name of Responsible Organization \_\_\_\_\_

Name of Responsible Agent \_\_\_\_\_

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

Date \_\_\_\_\_

5. Treatment Facility

The questions below are to be answered by a representative of the facility permittee. The individual signing below must be legally authorized to make representation for the organization.

Yes No

- a.   If this project proposes the use of an existing non-municipal wastewater treatment plant for the disposal of sewage, will this action create a hydraulic or organic overload at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this issue is resolved.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with §71.53(d)(3) and that this proposal will not impact that status.

- b. Name of Facility \_\_\_\_\_  
Name of Responsible Agent \_\_\_\_\_  
Agent Signature \_\_\_\_\_  
Date \_\_\_\_\_

**(For completion by the municipality)**

6.  The **SELECTED OPTION** necessary to assure long-term proper operation and maintenance of the proposed non-municipal facilities is clearly identified with documentation attached in the planning module package.

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

This section must be completed to determine if the applicant will be required to publish facts about the project in a newspaper of general circulation to provide a chance for the general public to comment on proposed new land development projects. This notice may be provided by the applicant or the applicant's agent, the municipality or the local agency by publication in a newspaper of general circulation within the municipality affected. Where an applicant or an applicant's agent provides the required notice for publication, the applicant or applicant's agent shall notify the municipality or local agency and the municipality and local agency will be relieved of the obligation to publish. The required content of the publication notice is found in Section P of the instructions.

To complete this section, each of the following questions must be answered with a "yes" or "no". Newspaper publication is required if any of the following are answered "yes".

**Yes No**

1.   Does the project propose the construction of a sewage treatment facility ?
2.   Will the project change the flow at an existing sewage treatment facility by more than 50,000 gallons per day?
3.   Will the project result in a public expenditure for the sewage facilities portion of the project in excess of \$100,000?
4.   Will the project lead to a major modification of the existing municipal administrative organizations within the municipal government?
5.   Will the project require the establishment of *new* municipal administrative organizations within the municipal government?
6.   Will the project result in a subdivision of 50 lots or more? (onlot sewage disposal only)
7.   Does the project involve a major change in established growth projections?
8.   Does the project involve a different land use pattern than that established in the municipality's Official Sewage Plan?

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

- 9.   Does the project involve the use of large volume onlot sewage disposal systems (Flow > 10,000 gpd)?
- 10.   Does the project require resolution of a conflict between the proposed alternative and consistency requirements contained in §71.21(a)(5)(i), (ii), (iii)?
- 11.   Will sewage facilities discharge into high quality or exceptional value waters?
- Attached is a copy of:
  - the public notice,
  - all comments received as a result of the notice,
  - the municipal response to these comments.
- No comments were received. A copy of the public notice is attached.

**Q. FALSE SWEARING STATEMENT** (See Section Q of instructions)

I verify that the statements made in this component are true and correct to the best of my knowledge, information and belief. I understand that false statements in this component are made subject to the penalties of 18 PA C.S.A. §4904 relating to unsworn falsification to authorities.

Nelson Zhukas

Name (Print)

Signature

Staff Consultant

8/30/2021

Title

Date

333 Baldwin Road

412-354-8093

Address

Telephone Number

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

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

- I request DEP calculate the review fee for my project and send me an invoice for the correct amount. I understand DEP's review of my project will not begin until DEP receives the correct review fee from me for the project.
- I have calculated the review fee for my project using the formula found below and the review fee guidance in the instructions. I have attached a check or money order in the amount of \$5,450 payable to "Commonwealth of PA, DEP". Include DEP code number on check. I understand DEP will not begin review of my project unless it receives the fee and determines the fee is correct. If the fee is incorrect, DEP will return my check or money order, send me an invoice for the correct amount. I understand DEP review will NOT begin until I have submitted the correct fee.
- I request to be exempt from the DEP planning module review fee because this planning module creates **only** one new lot and is the **only** lot subdivided from a parcel of land as that land existed on December 14, 1995. I realize that subdivision of a second lot from this parcel of land shall disqualify me from this review fee exemption. I am furnishing the following deed reference information in support of my fee exemption.

County Recorder of Deeds for \_\_\_\_\_ County, Pennsylvania

Deed Volume \_\_\_\_\_ Book Number \_\_\_\_\_

Page Number \_\_\_\_\_ Date Recorded \_\_\_\_\_

**R. REVIEW FEE** (continued)

Formula:

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

$$\#109 \text{ Lots (or EDUs) X } \$50.00 = \$ 5,450$$

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
  - For community sewer system projects, one EDU is equal to a sewage flow of 400 gallons per day.
2. For a surface or subsurface discharge system, use the appropriate one of these formulae.

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

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

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

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

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)

---

**APPENDIX B**

**SEWAGE FACILITIES PLANNING MODULE – COMPONENT 4A**

---



## 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

Southside Works Apartment Building

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

1. Date plan received by municipal planning agency September 29, 20212. Date review completed by agency October 8, 2021

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

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, <i>et seq.</i> )?
<input type="checkbox"/>	N/A <input type="checkbox"/>	2. Is this proposal consistent with the comprehensive plan for land use? If no, describe the inconsistencies _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Is this proposal consistent with the use, development, and protection of water resources? If no, describe the inconsistencies _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	5. Does this project propose encroachments, obstructions, or dams that will affect wetlands? If yes, describe impacts _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6. Will any known historical or archaeological resources be impacted by this project? If yes, describe impacts _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	7. Will any known endangered or threatened species of plant or animal be impacted by this project? If yes, describe impacts _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Is there a municipal zoning ordinance?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Is this proposal consistent with the ordinance? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. Have all applicable zoning approvals been obtained?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. Is there a municipal subdivision and land development ordinance?

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

- | Yes                                 | No                                  |  |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 13. Is this proposal consistent with the ordinance?<br>If no, describe the inconsistencies _____   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 14. Is this plan consistent with the municipal Official Sewage Facilities Plan?<br>If no, describe the inconsistencies _____                               |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?<br>If yes, describe _____ |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?                                 |
| <input type="checkbox"/>            | <input type="checkbox"/>            | If yes, is the proposed waiver consistent with applicable ordinances?<br>If no, describe the inconsistencies<br>_____                                      |

17. Name, title and signature of planning agency staff member completing this section:  
 Name: Martina Wolf Battistone  
 Title: Principal Environmental Planner  
 Signature: *Martina Wolf Battistone*  
 Date: October 8, 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) 255-2516

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

This component does not limit municipal planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The planning agency must complete this component within 60 days.

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

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**APPENDIX C**

**SEWAGE FACILITIES PLANNING MODULE – COMPONENT 4C**

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

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

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### Background

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

### Who Should Complete the Component?

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

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

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

---

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

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#### **Section A. Project Name**

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

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

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

#### **Section C. Agency Review**

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

#### **Section D. Additional Comments**

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

## SEWAGE FACILITIES PLANNING MODULE

### COMPONENT 4C - COUNTY OR JOINT HEALTH DEPARTMENT REVIEW

**Note to Project Sponsor:** To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the county or joint county health department for their comments.

#### SECTION A. PROJECT NAME (See Section A of instructions)

Project Name

SSW Apartment Building

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

1. Date plan received by county or joint county health department September 23, 2021Agency name Allegheny County Health Department (ACHD)2. Date review completed by agency September 24, 2021

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

Yes No

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

If no, what are the inconsistencies? \_\_\_\_\_

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

If yes, describe \_\_\_\_\_

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

If yes, describe \_\_\_\_\_

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

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

Name: Freddie FieldsTitle: Environmental Health Engineer IIISignature: Date: September 24, 2021Name of County Health Department: ACHDAddress: 3901 Penn Avenue, Building #5, Pittsburgh, PA 15224-1318Telephone Number: 412-578-8046

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

This component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The county planning agency must complete this component within 60 days.

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

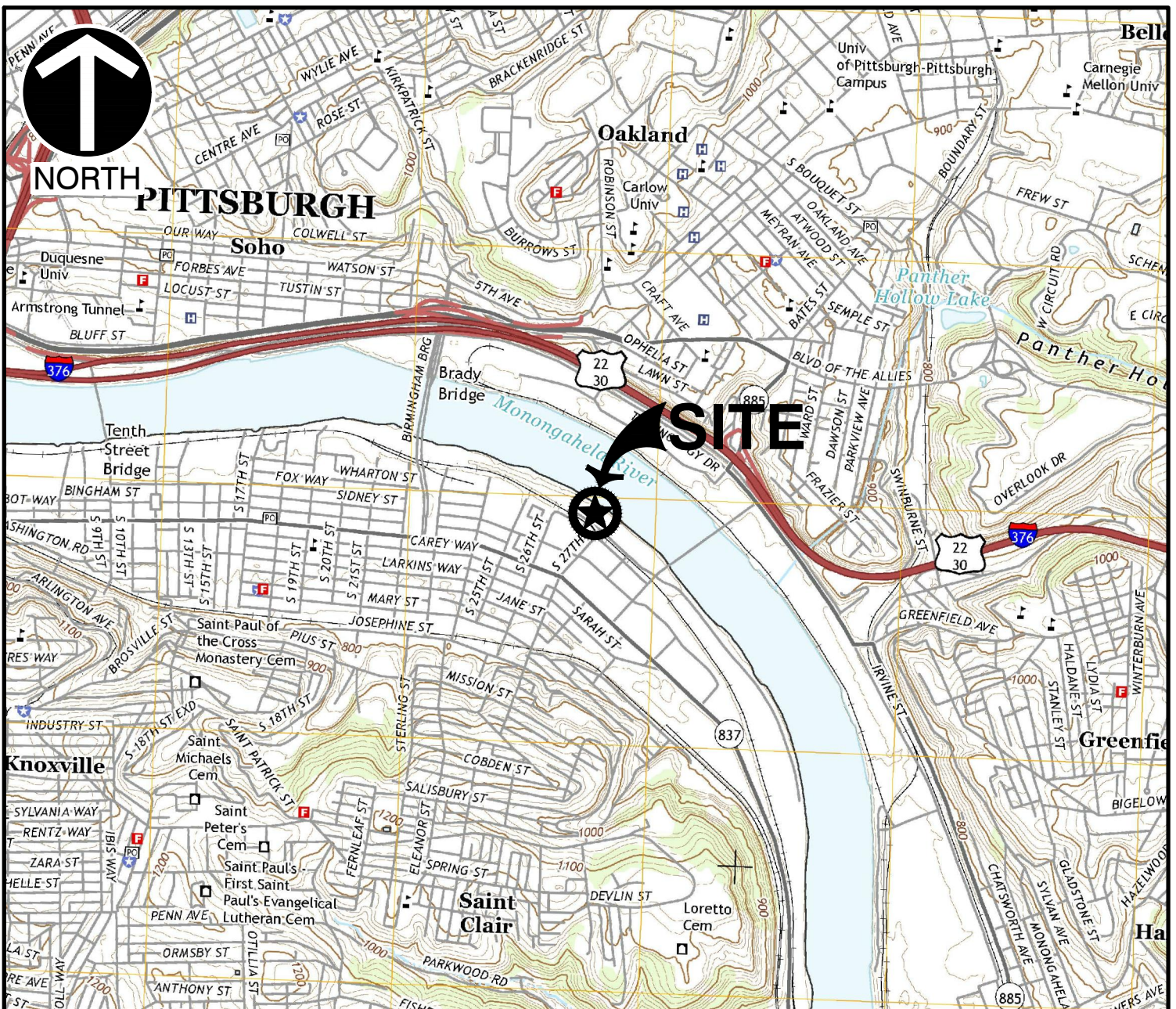
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**APPENDIX D**

**SITE LOCATION MAP**

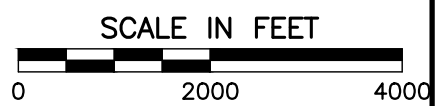
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P:\310-000\311-824\CADD\DWG\CIV01\311824-CV01-FG1-FG1-SITE LOCATION.dwg\FIG1-LS:\5/20/2021 - L.P.: 5/26/2021 12:05 PM




**REFERENCE**

1. USGS 7.5 MIN. TOPOGRAPHIC QUADRANGLE PITTSBURGH EAST, PENNSYLVANIA, DATED 2016.



\*HAND SIGNATURE ON FILE

 <b>Civil &amp; Environmental Consultants, Inc.</b> 333 Baldwin Road · Pittsburgh, PA 15205 412-429-2324 · 800-365-2324 www.cecinc.com		SOUTHSIDE WORKS APARTMENTS SOMERAROAD INC. CITY OF PITTSBURGH ALLEGHENY COUNTY, PENNSYLVANIA	
		<b>SITE LOCATION MAP</b>	
DRAWN BY: AWB DATE: MAY 2021	CHECKED BY: EJB DWG SCALE: 1"=2000'	APPROVED BY: DMK* PROJECT NO: 311-824	FIGURE NO.: <b>1</b>

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**APPENDIX E**

**PROJECT NARRATIVE**

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**PROJECT NARRATIVE**  
**SOUTHSIDE WORKS MULTI-FAMILY APARTMENT BUILDING**  
**CITY OF PITTSBURGH, ALLEGHENY COUNTY, PENNSYLVANIA**

On behalf of the SomeraRoad Inc., Civil & Environmental Consultants, Inc. (CEC) is submitting a Sewage Facilities Planning Module for the proposed Southside Works multi-family apartment building project. This project narrative is being submitted in accordance with the requirements of Component 3, Section F of the Sewage Facilities Planning Module.

The proposed project is located in the 16<sup>th</sup> Ward of the City of Pittsburgh, Allegheny County, Pennsylvania. The project site is located at 2613 S. Water Street, north of the intersection of S. Water Street and Coal Place in the SouthSide Works neighborhood of the City of Pittsburgh. The site currently consists of an undeveloped gravel lot with building materials and construction equipment being stored on site proposing to construct a new multi-family apartment building with associated lower-level parking, driveways, landscape areas, and hardscape areas. The proposed building will include 219 one-bedroom apartment units, 27 two-bedroom apartment units, and some shared office space on the first floor to accommodate up to 25 office workers.

With regard to the proposed sanitary sewage, the flow was calculated based on PADEP & PWSA guidelines. The proposed net increase in flow from the development is calculated to be 43,450 GPD. Based on PADEP calculations that assume that one EDU is equal to 400 GPD, there are 109 EDU's that will be generated from the proposed development. Sanitary sewer flow estimate calculations are included in Appendix G.

Since the proposed development shall generate more than 4,000 GPD, PWSA required the MLCS undergo flow monitoring for a period of 30 days. CEC hired Drnach Environmental Inc. to perform the flow monitoring via MH012H026 starting on July 27, 2021. After a period of 7 days, the peak flow value that was recorded was approximately 39 gpm. The maximum flow depth that was observed was approximately 1 in. This information was used to conduct hydraulic flow calculations, which are included in Appendix H of this planning module. The existing sewer slope (0.87%) was determined based on PWSA's "Most Limited Capacity Sewer (MLCS) Spreadsheet" dated July 1<sup>st</sup>, 2021. This spreadsheet is included in appendix L of this planning module.

Sewage Conveyance Information:

The proposed sewage flows generated from the development will be collected from the proposed development via two new private 12” laterals before being conveyed to an existing 8” public PWSA sanitary sewer. This PWSA public sewer ultimately connects to the ALCOSAN Monongahela River Interceptor at connection point M-23. All sewage flows will ultimately be conveyed to ALCOSAN’s Woods Run treatment facility located near Brighton Heights.

SomeraRoad Inc. is planning to start construction in winter 2021.

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**APPENDIX F**

**ALTERNATIVE SEWAGE FACILITIES ANALYSIS**

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**ALTERNATE SEWAGE FACILITIES ANALYSIS  
SOUTHSIDE WORKS MULTI-FAMILY APARTMENT BUILDING  
CITY OF PITTSBURGH  
ALLEGHENY COUNTY, PENNSYLVANIA**

On behalf of SomeraRoad Inc., Civil and Environmental Consultants, Inc. (CEC) presents this Alternative Sewage Facilities Analysis to accompany the Sewage Facilities Planning Module for the Southside Works multi-family apartment building project. The proposed project is located at 2613 S. Water Street in the Southside Works neighborhood of the city of Pittsburgh, Allegheny County, Pennsylvania. Refer to the Site Location Map (Figure 1) provided in Appendix D.

There are no means for an Alternative Sewage Facilities Analysis due to the following:

- The site location consists of a previously developed urban setting and existing on-site soils do not lend itself to on-lot treatment.
- Public sanitary sewer lines are accessible.

---

**APPENDIX G**

**SANITARY SEWER FLOW CALCULATIONS**

---

**Project Name:** SSW Multi-Family Building

**Location:** City of Pittsburgh, Allegheny County, Pennsylvania

**CEC Project No.:** 311-824

**Prepared by:** NBZ  
**Date** 6/17/2021

**Checked by:** DMK  
**Date** 6/17/2021

### Proposed Sewage Flows

SSW Multi-Family Building				
Description	Number of Units	Unit	Flow Rate/Unit (GPD/Unit)	Total (GPD)
Apartment 1 Bedroom/Studio	214	Apartments	150	32,100
Apartment 2 Bedroom	32	Apartments	300	9,600
HVAC Condensate	1	Unit	1500	1,500
Offices	25	Employees	10	250

Total: **43,450** GPD  
PADEP EDU<sup>2</sup>: 108.63 EDU  
Round to: **109** EDU  
  
PWSA EDU<sup>3</sup>: 144.83 EDU  
Round to: **145** EDU

**Notes:**

1. In accordance with PADEP Sewage Facilities Planning Module, for community sewer system projects, one EDU is equal to a sewage flow of 400 gpd.

2. In accordance with the Pittsburgh Water and Sewer Authority Procedures Manual for Developers, one EDU is equal to a sewage flow of 300 gpd.

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**APPENDIX H**

**PWSA FLOW MONITORING RESULTS / CALCULATIONS**

---

Project: SSW Apartment Building  
 Date: 8/30/2021  
 CEC Job #: 311-824

PREPARED BY: NBZ  
 CHECKED BY: DMK

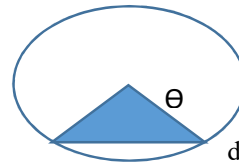
**HYDRAULIC CALCULATIONS (AVERAGE PRESENT FLOW MEASUREMENTS)**

Diameter of Sewer 8 inches  
 Slope of Sewer 0.0087 ft/ft  
 Type of Pipe Plastic  
 Depth of Flow Observed 1 inches of flow

$$A = \frac{R^2(\Theta - \sin\Theta)}{2}$$

$$\Theta = 2 \cos^{-1} \left( \frac{R-d}{R} \right)$$

Where:  
 R = radius (ft)  
 d = depth (ft)



Θ = 1.45 Rads                      82.8 Degrees  
 A = 0.03 sf

$$P = \text{Wetted Perimeter (ft)} = \frac{\pi D \Theta}{360}$$

Where:  
 D = diameter (ft)  
 Θ in degrees

P 0.48 ft

$$R = \text{Hydraulic Radius} = \frac{A}{P}$$

Where:  
 A = Cross Sectional Area (sf)  
 P = Wetted Perimeter (ft)

R 0.05

$$Q = \frac{1.486}{n} A R^{2/3} S^{1/2}$$

Where:  
 Q = discharge (cfs)  
 n = roughness coefficient  
 S = slope (ft/ft)  
 R = Hydraulic Radius (ft)

Q <sub>average Present</sub>	0 cfs	22 gpm
------------------------------	-------	--------

**FULL FLOW CAPACITY SEWER CALCULATIONS**

$$Q = \frac{1.486}{n} A R^{2/3} S^{1/2}$$

Where:  
 Q = discharge (cfs)  
 n = roughness coefficient  
 S = slope (ft/ft)  
 R = Hydraulic Radius (ft)

Q <sub>FULL FLOW CAPACITY</sub>	1.5 cfs	658 gpm
---------------------------------	---------	---------



Project: SSW Apartment Building  
Date: 8/30/2021  
CEC Job #: 311-824

PREPARED BY: NBZ  
CHECKED BY: DMK

## SUMMARY

### Peak Design Capacity

$Q_{\text{Peak Design}} \quad 658 \text{ gpm} \quad 947,005 \text{ gpd}$

### Average Design Capacity = Peak Design Capacity / 3.0

$Q_{\text{Average Peak Design}} \quad 219 \text{ gpm} \quad 315,668 \text{ gpd}$

### Present Peak Flow

$Q_{\text{Present Peak Flow}} \quad 39 \text{ gpm} \quad 56,160 \text{ gpd}$

### Present Average Flow = Present Peak Flow / 3.0

$Q_{\text{Present Average Flow}} \quad 13 \text{ gpm} \quad 18,720 \text{ gpd}$

### Projected Peak Flow in 5 Years = (Present Peak Flow + Project Flow) \* 1.05

$Q_{\text{Projected Peak Flow 5 Year}} \quad 72 \text{ gpm} \quad 103,803 \text{ gpd}$

### Project Average Flow in 5 Years = Projected Peak Flow in 5 Years / 3.0

$Q_{\text{Project Average Flow 5 Year}} \quad 24 \text{ gpm} \quad 34,601 \text{ gpd}$



A handwritten signature in blue ink, appearing to read "Dana Klann".

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**APPENDIX I**

**PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION  
CORRESPONDENCE**

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## Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

July 26, 2021

Nelson Zhukas  
Civil & Environmental Consultants Inc.  
333 Baldwin Road  
Pittsburgh PA 152051751

RE: ER Project # 2021PR05190.001, Southside Works Multi-Family Apartment Building, Department of Environmental Protection, Pittsburgh City, Allegheny County

Dear Nelson Zhukas,

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act (NHPA) of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

### **Above Ground Resources**

*No Above Ground Concerns - Environmental Review - No Effect - Historic Properties Present - Above Ground*

Thank you for submitting information concerning the above-referenced project. The following historic properties, listed in or eligible for the National Register of Historic Places, are located in the project area of potential effect: Pittsburgh & Lake Erie Railroad Resource # 2001RE01532 and 2010RE03867; Monongahela River Navigation System Resource # 1996RE00823. Based on the information received and available in our files, in our opinion, the activity described in your proposal will have no effect on these resources. Should the scope and/or nature of the project activities change and/or should you be made aware of historic property concerns, you will need to notify the PA SHPO at [pashare@pa.gov](mailto:pashare@pa.gov) and provide the revised designs for review and comment.

For questions concerning above ground resources, please contact Cheryl Nagle at [chnagle@pa.gov](mailto:chnagle@pa.gov).

### **Archaeological Resources**

*More Information Requested - Environmental Review - More Info Archaeological - High Prob*

Thank you for submitting information concerning the Southside Works Multi-Family Apartment Building project. The project area is located within the footprint of the Jones & Laughlin South Side Steel Works District (1997RE00055), which is now demolished. Based on an evaluation by our staff there is a high probability that National Register significant archaeological sites related to the Jones & Laughlin South Side Steel Works are present within this project area. These resources could be adversely affected by project activities.

A previous Programmatic Agreement for the South Side Works included the area of the above-referenced project and recommended archaeological monitoring during construction. However, this portion of the South Side Works was never developed under that Programmatic Agreement. While this project is not covered by that Programmatic Agreement, we continue to recommend archaeological monitoring during construction in this location. Archaeological monitoring should be conducted in accordance to PA SHPO Guidelines for Archaeological Investigations (PA SHPO 2017) and should be performed by an archaeologist who meets Secretary of Interior Standards as outlined in the Code of Federal Regulations, 36 CFR Part 61.

#### ***Earlier Archaeological Studies of the Project Area***

The project area is located within the boundaries of an earlier Phase IA archaeological study for the South Side Works, prepared for the Urban Redevelopment Authority of Pittsburgh in July 2008 (ER# 2005-2982-003-B; 2008RP00320). In a letter dated August 27, 2008, the PA SHPO concurred with the recommendations of the report. This Phase IA archaeological study thoroughly reviewed the historic records for the Jones & Laughlin South Side Steel Works. The current project area for the Southside Works Multi-Family Apartment Building is in the vicinity of the Jones & Laughlin No. 2 Open Hearth.

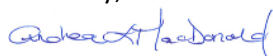
Previously conducted archaeological surveys in the vicinity of the project, including geomorphological analyses and core boring studies, confirm that the project area is located on a constructed landform made largely of slag. As such, there is no potential for pre-industrial or pre-contact period archaeological resources to be affected by the project. However, there is a high probability of recovering industrial archaeological resources related to the Jones & Laughlin South Side Steels Works.

#### ***Previous SHPO Recommendations and Programmatic Agreement***

In June 2009 under Section 106 of the NHPA, the PA SHPO signed a Programmatic Agreement with the United States Fish and Wildlife Service, the City of Pittsburgh, and the Urban Redevelopment Authority of Pittsburgh regarding the South Side Works (ER# 2005-2982-003-G; 2005PR16846). For the area of the proposed Southside Works Multi-Family Apartment Building project (referenced in the Programmatic Agreement as Parcels B3a and B3b), archaeological monitoring was to be conducted during construction, with a recommendation made to the PA SHPO regarding the need for further investigations. This recommendation was to be presented in a Phase IB archaeological report. As stated above, as of July 2021, our recommendations remain the same.

If you would like to setup a meeting to discuss this project and the archaeological monitoring, please do not hesitate to contact us. For questions concerning archaeological resources, please contact Justin McKeel at [jusmckeel@pa.gov](mailto:jusmckeel@pa.gov).

Sincerely,



Andrea MacDonald

Director, State Historic Preservation Office

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**APPENDIX J**

**PNDI PROJECT ENVIRONMENTAL REVIEW RECEIPT**

---

## 1. PROJECT INFORMATION

Project Name: **SSW Apartment Building**  
Date of Review: **7/15/2021 10:26:32 AM**  
Project Category: **Development, Other**  
Project Area: **2.23 acres**  
County(s): **Allegheny**  
Township/Municipality(s): **PITTSBURGH**  
ZIP Code:  
Quadrangle Name(s): **PITTSBURGH EAST**  
Watersheds HUC 8: **Lower Monongahela**  
Watersheds HUC 12: **Streets Run-Monongahela River**  
Decimal Degrees: **40.429459, -79.965822**  
Degrees Minutes Seconds: **40° 25' 46.522" N, 79° 57' 56.9609" W**

## 2. SEARCH RESULTS

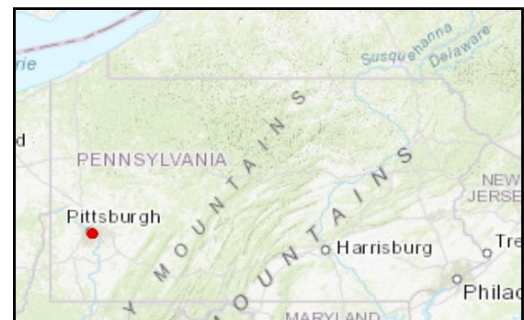
Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No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

# SSW Apartment Building

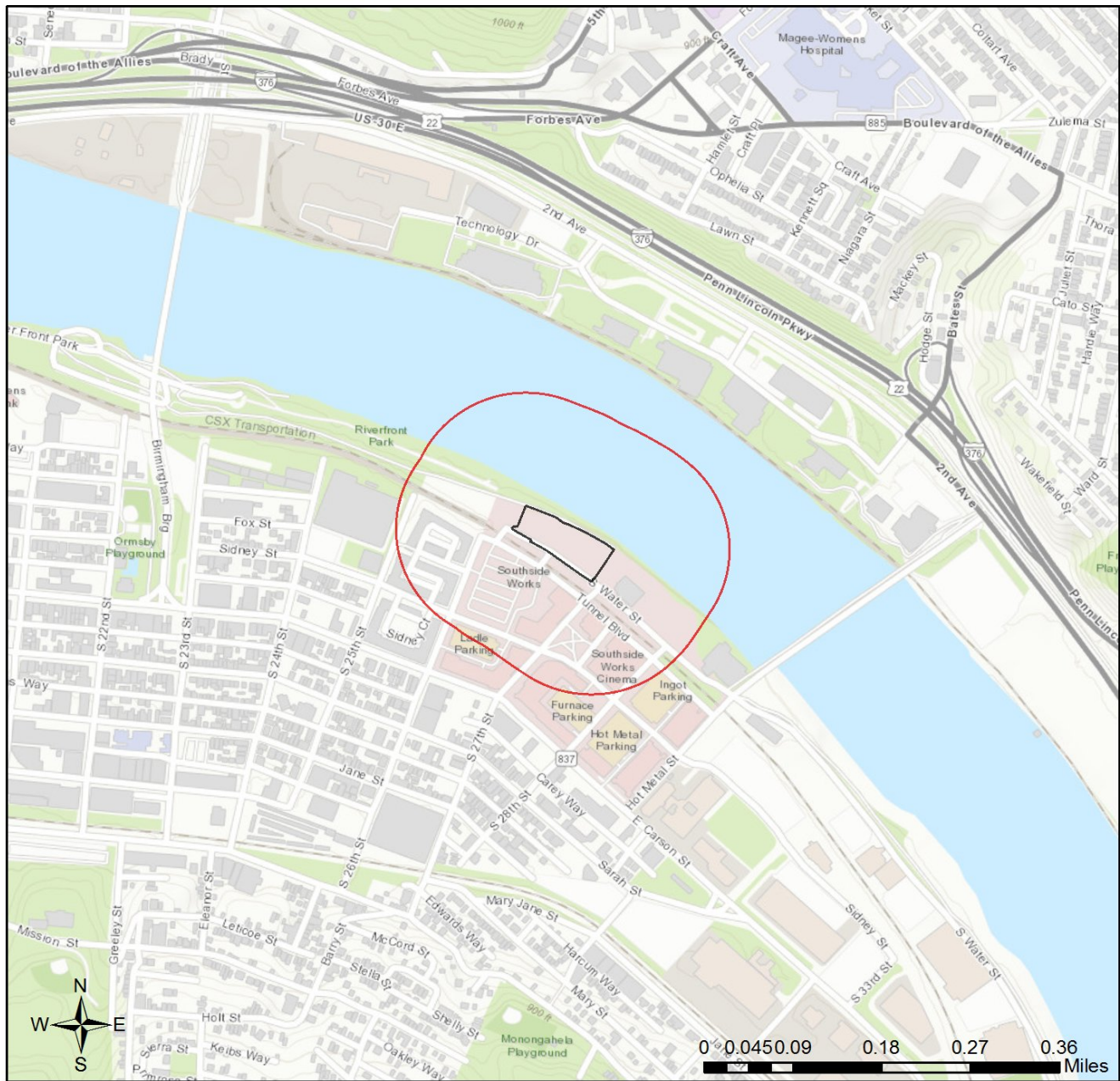


- Project Boundary
- Buffered Project Boundary



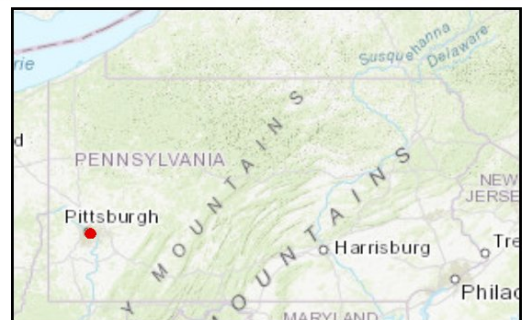
Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community  
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community  
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China

### SSW Apartment Building



- Project Boundary
- Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, Garmin, Intemap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community





## RESPONSE TO QUESTION(S) ASKED

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

**Your answer is:** The project will affect 1 to 39 acres of forests, woodlots and trees.

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

**Your answer is:** No

### 3. AGENCY COMMENTS

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

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

#### PA Game Commission

##### RESPONSE:

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

#### PA Department of Conservation and Natural Resources

##### RESPONSE:

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

#### PA Fish and Boat Commission

##### RESPONSE:

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>.



## 5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page ([www.naturalheritage.state.pa.us](http://www.naturalheritage.state.pa.us)). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

## 6. AGENCY CONTACT INFORMATION

### PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section  
400 Market Street, PO Box 8552  
Harrisburg, PA 17105-8552  
Email: [RA-HeritageReview@pa.gov](mailto:RA-HeritageReview@pa.gov)

### PA Fish and Boat Commission

Division of Environmental Services  
595 E. Rolling Ridge Dr., Bellefonte, PA 16823  
Email: [RA-FBPACENOTIFY@pa.gov](mailto:RA-FBPACENOTIFY@pa.gov)

### U.S. Fish and Wildlife Service

Pennsylvania Field Office  
Endangered Species Section  
110 Radnor Rd; Suite 101  
State College, PA 16801  
Email: [IR1\\_ESPenn@fws.gov](mailto:IR1_ESPenn@fws.gov)  
NO Faxes Please

### PA Game Commission

Bureau of Wildlife Habitat Management  
Division of Environmental Planning and Habitat Protection  
2001 Elmerton Avenue, Harrisburg, PA 17110-9797  
Email: [RA-PGC\\_PNDI@pa.gov](mailto:RA-PGC_PNDI@pa.gov)  
NO Faxes Please

## 7. PROJECT CONTACT INFORMATION

Name: Nelson Zhukas  
Company/Business Name: Civil & Environmental Consultants Inc.  
Address: 333 Baldwin Road  
City, State, Zip: Pittsburgh PA 15205  
Phone: (412) 429-7324 Fax: ( )  
Email: nzhukas@cecinc.com

## 8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

  
applicant/project proponent signature

7-15-2021  
date

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**APPENDIX K**

**PLOT PLAN**

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**APPENDIX L**

**WATER SERVICE AVAILABILITY LETTER**

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July 1<sup>st</sup>, 2021

Nelson Zhukas  
Civil & Environmental Consultants, Inc.  
333 Baldwin Road  
Pittsburgh, PA 15205

Subject: Water and Sewer (W&S) Use Approval  
Project Name: 20014.53 Water Street and Portal Place (Project)  
PWSA Project No.: 20014.53

Dear Nelson:

The W&S Use Application for the Project has been approved, as summarized below:

<b>Type of Flow</b>	<b>Sanitary, gpd</b>	<b>Water, gpd</b>
<i>Project Flow</i>	42,700	41,200
<i>Existing Flow</i>	0	0
<i>Net Flow</i>	42,700	41,200

The PWSA shall request the Department of Environmental Protection (DEP) to issue a Final Determination on the Need for Sewage Planning. Sewage planning is likely required, we have enclosed for your use the location of the most limited capacity sewer (MLCS). The hydraulic capacity of the MLCS shall be determined via the following method:

- Peak Flow Depth Measurements (Sanitary Net Flow  $\leq$  4,000 gpd)
- Flow Monitoring (Sanitary Net Flow  $>$  4,000 gpd)

Our review was based on information provided by others under the assumption that this information was accurate and complete. Should you have any questions, please do not hesitate to contact me directly at 412-255-8800 x5543 or BGrunauer@pgh2o.com.

Sincerely,

*Ben Grunauer*

Benjamin Grunauer, E.I.T.  
Engineer III

Enclosure(s)

cc: Barry King, PE, PMP – PWSA (via email)  
Kate Mechler, PE – PWSA (via email)  
Robert Herring, PE, PMP – PWSA (via email)  
eBuilder – Filing System (via email)



## Water and Sewer Use Application Form

**Instructions** The complete W/S Use Application shall be uploaded via e-builder. To obtain an e-builder project folder, please make a request on our website at [www.pgh2o.com/permits](http://www.pgh2o.com/permits). In addition, please refer to the Developer’s Manual for detailed information on application requirements.

**Requirements**  Application Fee  W/S Use Application  Site Plans  
 Floor Plans  Narrative  Flow Calculations


**Project Info** Project Name: SSW Multi-Family Building  
Address: 2613 S. Water Street Pittsburgh, PA 15203  
Is the Project located on a lot created prior to May 15, 1972?  YES  NO  
Has the lot previously received DEP sewage planning approval?  YES  NO

**Owner/Developer** Firm Name: SomeraRoad Inc.  
Address: 424 S 27th Street, Suite 300 Pittsburgh, PA 15203  
Contact Name: Chris McCune  
Email: chris@someraroadinc.com  
Phone Number: 412-351-9016

**Consultant** Firm Name: Civil & Environmental Consultants Inc.  
Address: 333 Baldwin Road Pittsburgh, PA 15205  
Contact Name: Nelson Zhukas  
Email: nzhukas@cecinc.com  
Phone Number: 412-354-8093

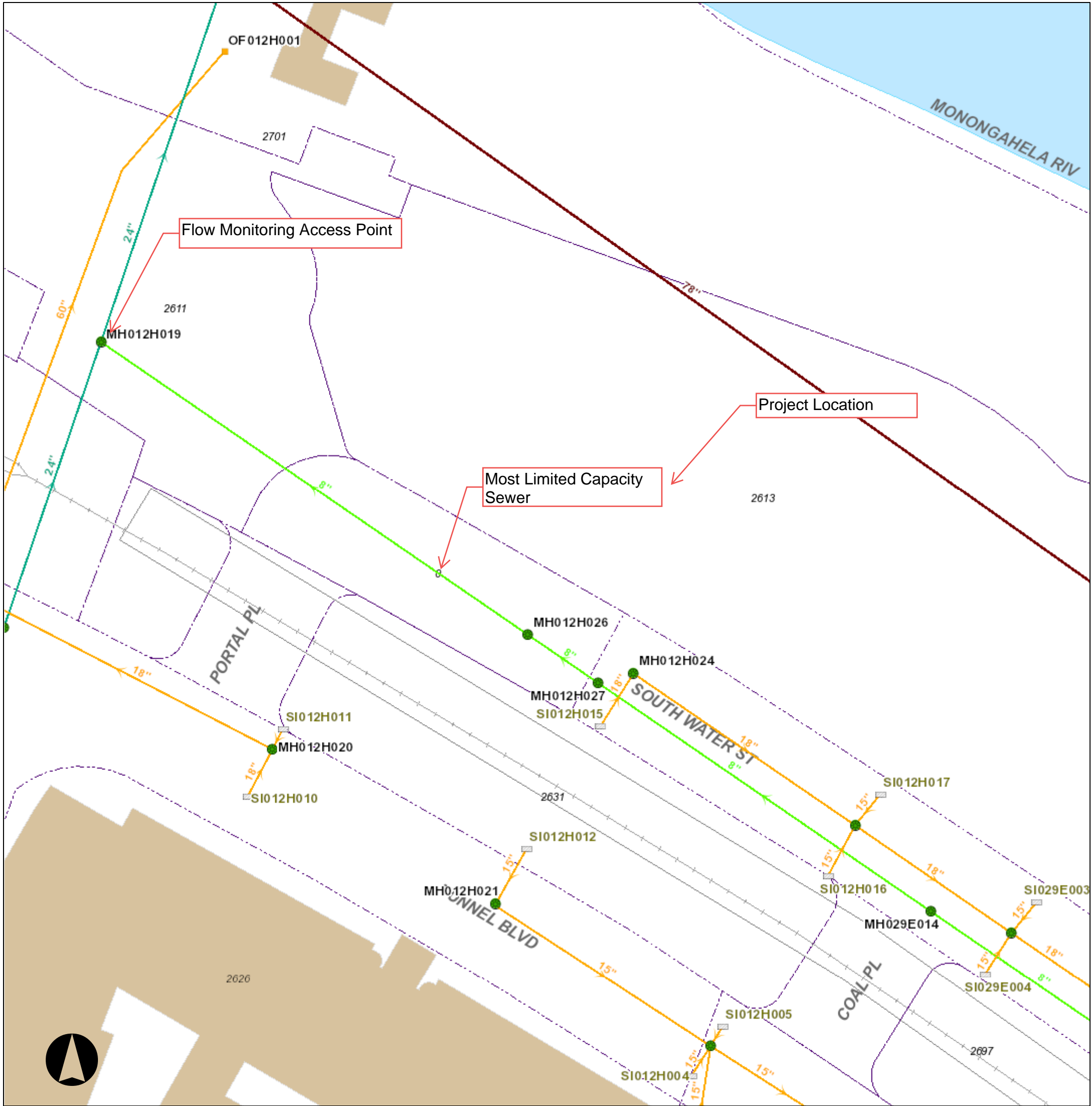
**Flow Data**

Type of Flow	Sanitary, gpd	Water, gpd
Project Flow	42,700	41,200
Existing Flow	N/A	N/A
Net Flow	42,700	41,200

**Signature** By signing below, I hereby certify, to the best of my knowledge, that the information provided within the Water and Sewer Use Application is true, complete and accurate.  
Name, printed: Dana Klann (Agent for Owner)  
Signature:   
Date: 5/25/2021



# MLCS Map



## Legend

### WATER

- Meter
- Curb Box
- Water System Pump
- Hydrant
- System Valve
- Dividing Pressure Valve
- Coupling
- Tee
- Cross
- Reducer
- End Cap
- Wash Out

Pressure Monitoring Station

Water Manhole

Rising Main

Supply Main

Transmission Main

Distribution Main

Hydrant Branch

Private Main

Water Service Line

### SEWER

Manhole

Junction

Inlet

Rising Main

Supply Main

Transmission Main

Distribution Main

Hydrant Branch

Private Main

Water Service Line

Manhole

Junction

Inlet

Private Inlet

Outfall

End Cap

Sewer Pump Station

Combined Sewer

Sanitary Sewer

Storm Sewer

Regulated Combined Sewer

Overflow Sewer

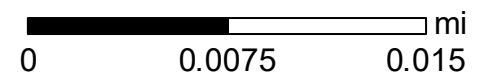
Interceptor

Sewer Force Main

Private Sewer

Undefined Sewer

Green Infrastructure Underground Facilities



Neither the City of Pittsburgh nor the PWSA guarantees the accuracy of any of the information hereby made available, including but not limited to information concerning the location and condition of underground structures, and neither assumes any responsibility for any conclusions or interpretations made on the basis of such information. COP and PWSA assume no responsibility for any understanding or representations made by their agents or employees unless such understanding or representations are expressly set forth in a duly authorized written document, and such document expressly provides that responsibility therefor is assumed by the City or the PWSA.

Date: 7/1/2021

**Most Limited Capacity Sewer (MLCS) Spreadsheet**

PROJECT NAME: 20014.53 Water Street and Portal Place  
 PWSA PROJECT NUMBER: 20014.53  
 PWSA REVIEWER: Benjamin Grunauer, E.I.T.  
 DATE: July 1st, 2020

LEGEND:

Output Data
Input Data
Questionable Data
Hydraulically Limited Sewer

Upstream MH	Downstream MH	Upstream Invert	Downstream Invert	Length, ft	Diam., in.	Material	n	Area, sf	Wetted P, ft	Slope	Flow, gpd
MH012H026	MH012H019	722.00	721.29	81.68	8	PVC	0.01	0.35	2.094	0.87%	949,174
MH012H019	ADC012HM23	721.29	708.35	61.00	24	PVC	0.01	3.14	6.283	21.21%	87,779,793

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**APPENDIX M**

**RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT**

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DEP Code No.
--------------

## RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (~~SUPERVISORS~~) (~~COMMISSIONERS~~) (COUNCILMEN) of Pittsburgh  
(~~TOWNSHIP~~) (~~BOROUGH~~) (CITY), Allegheny COUNTY, PENNSYLVANIA (hereinafter "the municipality").

**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 (DEP) adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, require the municipality to adopt an Official Sewage Facilities 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 land development conforms to a comprehensive program of pollution control and water quality management, and

**WHEREAS** SomeraRoad Inc. has proposed the development of a parcel of land identified as  
land developer

SSW Apartment Building, and described in the attached Sewage Facilities Planning Module, and  
name of subdivision

proposes that such subdivision be served by: (check all that apply),  sewer tap-ins,  sewer extension,  new treatment facility,  individual onlot systems,  community onlot systems,  spray irrigation,  retaining tanks,  other, (please specify). \_\_\_\_\_

**WHEREAS**, City of Pittsburgh finds that the subdivision described in the attached  
municipality

Sewage Facilities Planning Module conforms to applicable sewage related zoning and other sewage related municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

**NOW, THEREFORE, BE IT RESOLVED** that the (~~Supervisors~~) (~~Commissioners~~) (Councilmen) of the (~~Township~~) (~~Borough~~) (City) of Pittsburgh hereby adopt and submit to DEP for its approval as a revision to the "Official Sewage Facilities Plan" of the municipality the above referenced Sewage Facilities Planning Module which is attached hereto.

I \_\_\_\_\_, Secretary, \_\_\_\_\_  
(Signature)

Township Board of Supervisors (~~Borough Council~~) (City Councilmen), hereby certify that the foregoing is a true copy of the ~~Township~~ (~~Borough~~) (City) Resolution # \_\_\_\_\_, adopted, \_\_\_\_\_, 20\_\_\_\_.

Municipal Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Seal of  
Governing Body

Telephone \_\_\_\_\_

---

**APPENDIX N**

**TRANSMITTAL LETTER FOR SEWAGE FACILITIES PLANNING  
MODULE**

---



**TRANSMITTAL LETTER  
 FOR SEWAGE FACILITIES PLANNING MODULE**

DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) USE ONLY				
DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH. ID #

TO: Approving Agency (DEP or delegated local agency)  
 DEP Southwest Regional Office  
 400 Waterfront Drive  
 Pittsburgh, PA 15222-4745

Date \_\_\_\_\_

Dear Sir/Madam:

Attached please find a completed sewage facilities planning module prepared by Nelson Zhukas \_\_\_\_\_  
 of Civil & Environmental Consultants, Inc. \_\_\_\_\_ for SSW Apartment Building \_\_\_\_\_  
 a subdivision, commercial ,or industrial facility located in City of Pittsburgh, Allegheny \_\_\_\_\_  
 \_\_\_\_\_ County.  
 \_\_\_\_\_  
 (City, Borough, Township)

**Check one**

(i) The planning module, as prepared and submitted by the applicant, is approved by the municipality as a proposed  revision  supplement for new land development to its Official Sewage Facilities Plan (Official Plan), and is  adopted for submission to DEP  transmitted to the delegated LA for approval in accordance with the requirements of 25 Pa. Code Chapter 71 and the *Pennsylvania Sewage Facilities Act* (35 P.S. §750),

OR

(ii) The planning module will not be approved by the municipality as a proposed revision or supplement for new land development to its Official Plan because the project described therein is unacceptable for the reason(s) checked below:

**Check Boxes**

- Additional studies are being performed by or on behalf of this municipality which may have an effect on the planning module as prepared and submitted by the applicant. Attached hereto is the scope of services to be performed and the time schedule for completion of said studies.
- 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.
- Other (attach additional sheet giving specifics).

*Municipal Secretary: Indicate below by checking appropriate boxes which components are being transmitted to the approving agency.*

- Resolution of Adoption
- Module Completeness Checklist
- 2 Individual and Community Onlot Disposal of Sewage
- 3 Sewage Collection/Treatment Facilities
- 3s Small Flow Treatment Facilities
- 4A Municipal Planning Agency Review
- 4B County Planning Agency Review
- 4C County or Joint Health Department Review

Municipal Secretary (print)

Signature

Date

---

**APPENDIX O**  
**CLEARANCE LETTERS**

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September 13, 2021

Nelson Zhukas  
Civil and Environmental Consultants, Inc.  
333 Baldwin Road  
Pittsburgh, PA 15205

Subject: Sewage Facilities Planning Module (SFPM)  
Approval for Collection System Flows  
Project Name: 20014.53 Water Street and Portal Place (Project)  
PWSA Project No.: 20014.53

Dear Nelson:

Pursuant to your request, we have reviewed the SFPM and determined that the Project will not create a dry-weather hydraulic overload within the next five (5) years for any collection facility owned by the Pittsburgh Water and Sewer Authority (PWSA). We have enclosed for your use the electronically signed "Section J – Chapter 94 Consistency Determination". Please be advised that this approval is limited to the collection system portion of the SFPM.

Our review was based on information provided by others under the assumption that this information was accurate and complete. Should you have any questions, please do not hesitate to contact me directly at x5543 or BGrunauer@pgh2o.com.

Sincerely,

*Ben Grunauer*

Benjamin Grunauer, E.I.T.  
Engineer III

Enclosures

cc: Barry King, P.E. – PWSA (via email)  
Kate Mechler, P.E. – PWSA (via email)  
Robert Herring, P.E. – PWSA (via email)  
Thomas Flanagan – DEP (via email)  
eBuilder – Filing System (via email)



COUNTY OF



ALLEGHENY

RICH FITZGERALD  
COUNTY EXECUTIVE

September 28, 2021

Nelson Zhukas  
Civil & Environmental Consultants, Inc.  
333 Baldwin Road  
Pittsburgh, PA 15205

**RE: SEWAGE FACILITIES PLANNING MODULE  
SSW APARTMENT BUILDING  
CITY OF PITTSBURGH, ALLEGHENY COUNTY**

Dear Mr. Zhukas:

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 September 23, 2021. The project proposes the following:

Project Description:	SSW Apartment Building. Proposing to construct a new multi-family apartment building with 219 one-bedroom apartment units, 27 two-bedroom apartment units, some shared office space on the first floor, associated lower-level parking, driveways, landscape areas, and hardscape areas located at 2613 S. Water Street in the city of Pittsburgh, Allegheny County.
Sewage Flow:	43,450 GPD
Conveyance:	The flow from this site will be conveyed to the Pittsburgh Water and Sewer Authority (PWSA) collection system to ALCOSAN POC M-23 to the Monongahela 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, Ivo Miller, Plumbing Program Manager at 412-578-8393.

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

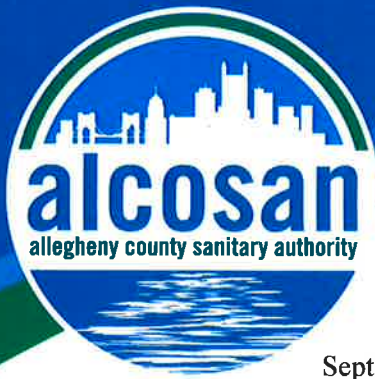
Enclosure

cc: Thomas Flanagan, PA Department of Environmental Protection w/attachment  
Ivo Miller, ACHD w/attachment



DEBRA BOGEN, MD, DIRECTOR  
**ALLEGHENY COUNTY HEALTH DEPARTMENT**  
**WATER POLLUTION CONTROL & SOLID WASTE MANAGEMENT**  
3901 PENN AVENUE • BUILDING 5 • PITTSBURGH, PA 15224-1318  
PHONE: 412.578.8040 • FAX: 412.578.8053  
WWW.ALLEGHENYCOUNTY.US/HEALTHDEPARTMENT





September 22, 2021

**Members of the Board**

Corey O'Connor  
*Chair Person*  
Harry Readshaw  
Sylvia C. Wilson  
Shannah Tharp-Gilliam, Ph.D.  
Jack Shea  
John Weinstein

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 & Administration*

Michael Lichte, P.E.  
*Director  
Regional Conveyance*

Jeanne K. Clark  
*Director  
Governmental Affairs*

Joseph Vallarian  
*Director  
Communications*

Nelson Zhukas  
Civil & Environmental Consultants, Inc.  
333 Baldwin Road  
Pittsburgh, PA 15205

**Re: SSW Apartment Building  
City of Pittsburgh – Allegheny County  
PA DEP Sewage Facilities Planning Module  
ALCOSAN Regulator Structure M-23-00**

Dear Mr. Zhukas:

We have reviewed the Component 3 Planning Module for the referenced project to be located at 2613 S. Water Street in the City of Pittsburgh. The project will generate a peak flow of 43,450 gpd in the ALCOSAN Monongahela River Interceptor and Woods Run Treatment Plant.

The capacity at the M-23-00 Regulator Structure is approximately 2.72 MGD. The estimated peak dry weather flow is approximately 0.105 MGD. Dry weather capacity exists for this connection. However, the Monongahela River Interceptor and the Woods Run Treatment Plant do not have the capacity for the flows generated during wet weather periods. This limitation will be addressed as ALCOSAN implements its Clean Water Plan.

ALCOSAN requests that this letter be made part of the planning module submission. The signed Component 3 Planning Module is attached. The sewers in this project are to be designed as separated sanitary and storm sewers. 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) B. King/PWSA (w/o attachment)  
D. Thornton (w/o attachment) Thomas Flanagan/PADEP (w/o attachment)  
M. Lichte (w/o attachment) Fred Fields/ACHD (w/o attachment)