



A FULL-SERVICE CIVIL ENGINEERING FIRM

C-39029-0001

January 2023

## Lawrence Hall

4609 Butler Street  
City of Pittsburgh  
Allegheny County, PA

### PREPARED FOR

LPGM Limited  
4059 Saints Way  
Pittsburgh, PA 15021-2809

### SUBMITTED BY

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Pittsburgh, PA 15205  
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# SEWAGE FACILITIES PLANNING MODULE



## **EXHIBITS**

- EXHIBIT A. Sewage Facilities Planning Module – Component 3 – Sewage Collection and Treatment Facilities
- EXHIBIT B. PWSA Water and Sewer Availability Letter
- EXHIBIT C. Project Narrative
- EXHIBIT D. USGS Site Location Map
- EXHIBIT E. Sewage Flow Calculations
- EXHIBIT F. Flow Calculations (Signed and Sealed)
- EXHIBIT G. Alternatives Analysis
- EXHIBIT H. Sewage Facilities Planning Module – Component 4A – Municipal Planning Review Agency
- EXHIBIT I. Sewage Facilities Planning Module – Component 4C – County of Joint Health Department Review
- EXHIBIT J. Plot Plan

**EXHIBIT A.**

**Sewage Facilities Planning Module – Component 3 – Sewage Collection  
and Treatment Facilities**



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

Code No.
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**SEWAGE FACILITIES PLANNING MODULE**

**Component 3. Sewage Collection and Treatment Facilities**

*(Return completed module package to appropriate municipality)*

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

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

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

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

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

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

- Project Name Lawrence Hall
- Brief Project Description Interior and exterior improvements to existing warehouse/office space building to convert space into food hall and bar.

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

Municipality Name	County	City	Boro	Twp
Pittsburgh	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Prendergast	Kyla			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		

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

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

Lawrence Hall

Site Location Line 1  
4609 Butler Street

Site Location Line 2

Site Location Last Line -- City  
Pittsburgh

State  
PA

ZIP+4  
15201

Latitude  
40°28'23"N

Longitude  
79°57'30"W

Detailed Written Directions to Site From 40<sup>th</sup> Street Bridge, turn left onto Butler Street. Continue 0.4 miles along Butler Street. The site is located on the left hand side.

Description of Site Interior and exterior improvements to existing warehouse/office space building to convert space into food hall and bar.

**Site Contact (Developer/Owner)**

Last Name	First Name	MI	Suffix	Phone	Ext.
Minarik	Brett			8014553823	

Site Contact Title	Site Contact Firm (if none, leave blank)
	LPGM Limited

FAX	Email
	brett@lawrencehallpgh.com

Mailing Address Line 1	Mailing Address Line 2
4059 Saint Johns Way	

Mailing Address Last Line -- City	State	ZIP+4
Pittsburgh	PA	15201-2809

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

Last Name	First Name	MI	Suffix
Neill	Jared	M	P.E.

Title	Consulting Firm Name
Project Manager	The Gateway Engineers, Inc.

Mailing Address Line 1	Mailing Address Line 2
100 McMorris Road	

Address Last Line -- City	State	ZIP+4	Country
Pittsburgh	PA	15205	United States

Email	Area Code + Phone	Ext.	Area Code + FAX
jneill@gatewayengineers.com	412-921-4030		

**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: Pittsburgh Water and Sewer Authority (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 25

Connections 1 (1 sewer)

Name of:

existing collection or conveyance system Eden Way 15" VCP Combined Sewer

owner PWSA

existing interceptor Allegheny River Interceptor (A-29)

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 40° 28' 34' N      Longitude 80° 02' 44' W

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

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

Name of Permittee Agency, Authority, Municipality ALCOSAN

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

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 \_\_\_\_\_.

**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 9964 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
<b>Collection</b>	1205104	4217865	17000	1219000	368689	1290412
<b>Conveyance</b>	—	5,550,000	1,930,000	2,050,000	1,959,400	2,080,600
<b>Treatment</b>	—	250,000,000	194,200,000	250,000,000	248,800,300	295,000,000

3. Collection and Conveyance Facilities

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

YES NO

- a.   This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system?

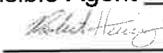
If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until all inconsistencies with Chapter 94 are resolved or unless there is an approved Corrective Action Plan (CAP) granting an allocation for this project. A letter granting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

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

b. Collection System

Name of Agency, Authority, Municipality PWSA

Name of Responsible Agent Robert Herring

Agent Signature  Robert Herring 2022.11.18 16:29:23 -05'00' Date 11/18/2022

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

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent SHAWN P. MCWILLIAMS, EIT

Agent Signature Shawn P. McWilliams

Date 02/17/2023

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.  YES  NO 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 SHAWN P. MCWILLIAMS, EIT

Agent Signature Shawn P. McWilliams

Date 02/17/2023

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

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

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

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

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

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

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

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

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

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

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

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

Yes No

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

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

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

<u>Jared Neill</u> Name (Print)	<u></u> Signature
<u>Project Manager</u> Title	<u>2/10/2023</u> Date
<u>100 McMorris Road, Pittsburgh, PA 15205</u> Address	<u>412-409-2281</u> 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 \$1,250 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.

$$\#25 \quad \text{Lots (or EDUs)} \times \$50.00 = \$ 1,250$$

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:

$$\begin{aligned} & \$ 1,500 \text{ per submittal (non-municipal)} \\ & \$ 500 \text{ per submittal (municipal)} \end{aligned}$$

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

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

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:
- $$\begin{aligned} & \$ 1,500 \text{ per submittal (non-municipal)} \\ & \$ 500 \text{ per submittal (municipal)} \end{aligned}$$

EXHIBIT B.

**PWSA Water and Sewer Availability Letter**



06/06/2022

Shannon L. McCullough  
The Gateway Engineers, Inc.  
100 McMorris Rd, Pittsburgh PA 15205-9445

**RE: Water and Sewer Availability**  
4609 Butler St, Pittsburgh PA 15201-2906

Dear Shannon L. McCullough

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

Water service available: Yes

Sewer service available: Yes

20" Butler Street

**30" Butler Street**  
**15" Eden Way**

We wish to advise you that, if it is your desire to tap our water and sewer mains for service, your plans must be approved through a development permit application in accordance with the PWSA Developer's Manual.

Please note that the Authority in no way guarantees that the available lines have the capacity or pressure adequate for your project's needs. It is the responsibility of the project developer, design consultant, and/or architects to determine, at their expense, the adequacy of the existing water system to fulfill their needs.

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

Sincerely,

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

Wendy M. Dean  
Engineering Tech II

EXHIBIT C.

**Project Narrative**

**Project Narrative**  
Lawrence Hall  
4609 Butler Street, 9th Ward, City of Pittsburgh

The proposed Lawrence Hall project consists of interior and exterior improvements to an existing building utilized as office and warehouse space. The building will be converted into a food hall and bar. The property of interest is parcel 80-P-202 in the 9<sup>th</sup> Ward of the City of Pittsburgh and is currently owned by LPGM Limited per the Allegheny County GIS viewer. The project area encompasses the entire 8,000 sq. ft. lot.

The project site will experience an increase in water consumption and sanitary flow due to the improvements proposed to the existing building for the food hall and bar conversion. The PWSA Developer's Manual was utilized to determine the existing peak water consumption and sewage flow for the site. A total peak consumption/flow of 800 GPD exists for this warehouse and office space.

The proposed floor plans, numerical amount of students/staff/faculty, and peak flows provided in Table 2-1 of PWSA's Developers Manual were utilized to determine the proposed peak sewage flow and water consumption for the apartment building. A total peak flow of 10,764 GPD is proposed. Removing the existing flow from the warehouse results in a peak net flow of 9,964 GPD (25 EDUs).

This project will require the termination of existing, active taps as well as the construction of a new domestic water service lateral, fire service line, and sanitary sewer lateral. Associated tap-in plans for the private water, storm, and sanitary connections will be submitted to PWSA for review and approval.

The sanitary sewer in Eden Way is a 15" PWSA owned combination gravity sewer and connects into the Allegheny River Interceptor Sewer A-29 and then to ALCOSAN's treatment plant where the sewage receives final treatment. Domestic water and fire service will be provided off the existing 20" PWSA owned water main located in Butler Street.

## Flow Calculation Summary

### Present Flows – Flow Monitoring

One month of flow monitoring was completed by Drnach Environmental in MH080P014 to determine the existing average and peak flows present in the sewer of interest. Flow monitoring began on 8/12/22 and ended on 9/20/22. **Analysis of the received data reports an existing average flow of 0.017 MGD and an peak hourly flow of 1.219 MGD.**

### Design Capacity

The existing sewer's average and peak hydraulic capacity were calculated by determining the existing slope of the sewer of interest using as-built information and survey data between the monitoring manhole (MH080P014) and the next upstream manhole. The sewer was analyzed under full flow conditions, and a peaking factor of 3.5 (combined sewer) was applied to obtain the peak hydraulic capacity per the PWSA Developer's Manual. **The average hydraulic capacity was calculated to be 1.205 MGD and the peak hydraulic capacity was calculated to be 4.217 MGD.**

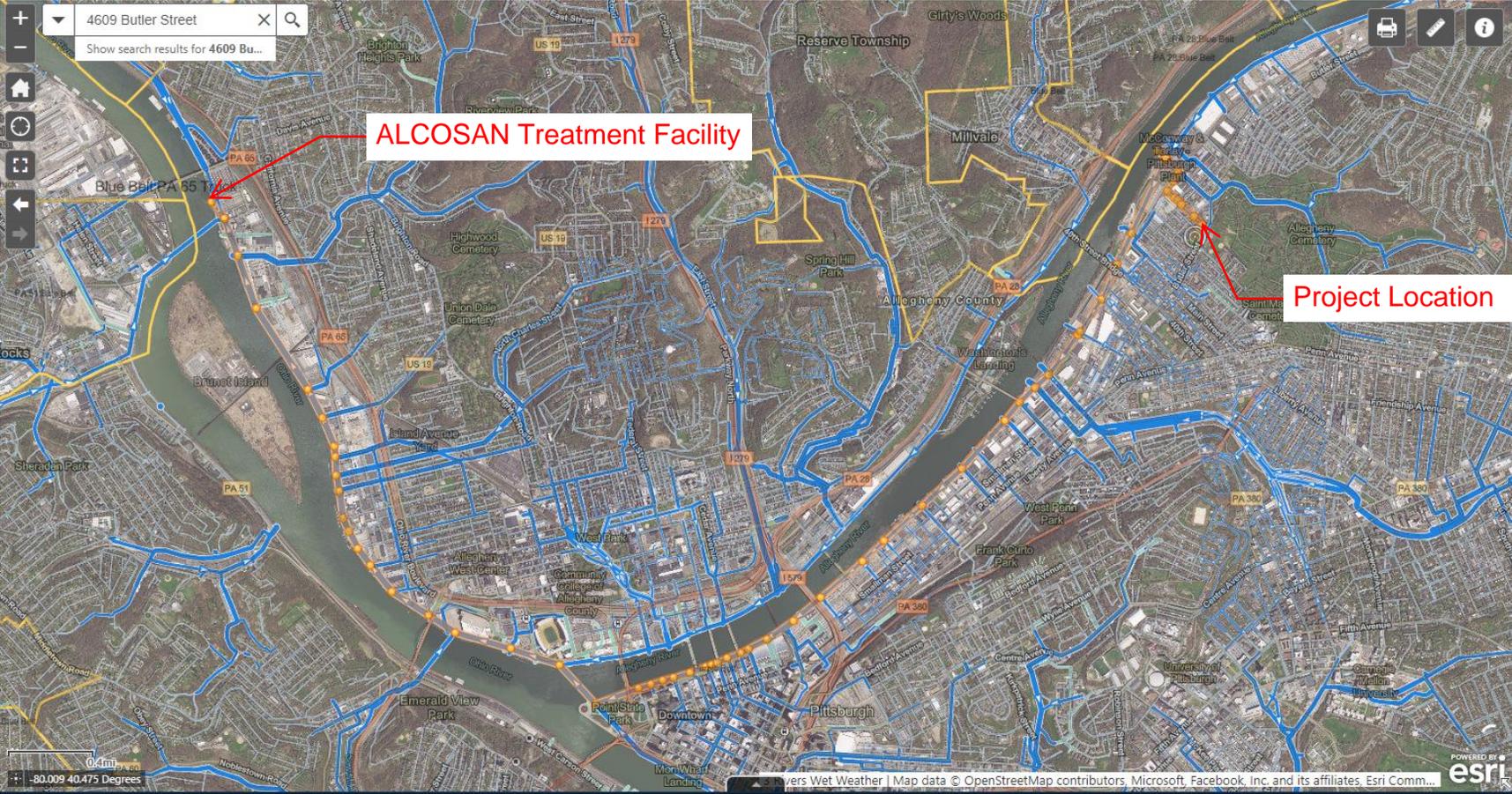
### 5-Year Projected Flow

Using the equations in the PWSA Developer's Manual, the net flow, 9,964 GPD, was added to the present average and peak flows to determine the projected flow in 5 years. **The projected average flow is estimated to be 0.369 MGD and the projected peak flow is estimated to be 1.290 MGD.** Since the 5-year flows are less than the calculated design capacity of the sewer, the additional flow due to the improvements of Lawrence Hall will not overload the sewer.

# Sewer Mapping

Lawrence Hall

4609 Butler Street, 9<sup>th</sup> Ward, City of Pittsburgh



Source: 3RWW Sewer Atlas

EXHIBIT D.

**USGS Site Location Map**



THE GATEWAY ENGINEERS, INC. RETAINS OWNERSHIP RIGHTS OF ALL DATA WITHIN THE PLANS. DATA CONTAINED WITHIN IS ONLY TO BE USED FOR ITS INTENDED PURPOSE BY ITS RESPONSIBLE PARTY. THE USE, REPLICATION, REPRODUCTION, OR REDISTRIBUTION OF DATA CONTAINED WITHIN IS STRICTLY PROHIBITED AND SUBJECT TO LEGAL ACTION.

**USGS SITE LOCATION MAP**

**LAWRENCE HALL - PARKING LOT**  
 4751 BUTLER STREET  
 PITTSBURGH, PA 15201

PREPARED FOR:  
**LPGM LIMITED LLC**  
 4609 BUTLER STREET  
 PITTSBURGH, PA 15201

Project Number: 39029-0003  
 Drawing Scale: 1" = 100'  
 Date Issued: JULY 2022  
 Index Number: \_\_\_\_\_  
 Drawn By: GRS  
 Checked By: JDN  
 Project Manager: JDN  
**USGS**

Date	No	REVISION RECORD
-	01	-
-	02	-
-	03	-
-	04	-
-	05	-
-	06	-
-	07	-
-	08	-



**GATEWAY ENGINEERS**  
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EXHIBIT E.

**Sewage Flow Calculations**

**Anticipated Sewage Flow Calculations**  
Lawrence Hall  
4609 Butler Street, 10<sup>th</sup> Ward, City of Pittsburgh

**Existing Conditions**

**Summary:**

The existing building was occupied by a construction company and utilized as a warehouse and office space.

**Water Consumption and Sanitary Flow Calculations:**

2015 IBC Table 1004.1.2 Maximum Floor Area Allowance per Occupant

- Warehouse: 500 gross SF/occupant
- Business Area: 100 gross SF/occupant

PWSA Table 3.1 Water Use and Sanitary Flow Estimate

- Warehouse: 50 GPD/employee
- Office: 10 GPD/employee

Calculations

- Warehouse:  $[(4,000 \text{ SF}) / (500 \text{ SF/occupant})] \times (50 \text{ GPD/occupant}) = 400 \text{ GPD}$
- Office:  $[(4,000 \text{ SF}) / (100 \text{ SF/occupant})] \times (10 \text{ GPD/occupant}) = 400 \text{ GPD}$
- 

Total Existing Peak Sanitary Flow = **800 GPD**

Total Existing Peak Water Consumption = Total Existing Peak Sanitary Flow = **800 GPD**

---

**Proposed Conditions**

***Restaurant & Tap Room***

**Summary:**

The existing building will remain in proposed conditions. Interior and exterior improvements are proposed to convert the existing space into a food hall and bar.

**Water Consumption and Sanitary Flow Calculations:**

Occupant Loading

- Food hall & bar: 276 guests, 23 employees = 299 occupants

PWSA Table 3.1 Water Use and Sanitary Flow Estimate

- Restaurant + Bar (toilet and kitchen waste): 12 GPD/patron
  - Assume 3 turnovers per Section 3 of the 2021 PWSA Developer's Manual

Calculations

- Food hall & bar:  $(299 \text{ patrons}) \times (12 \text{ GPD/patron}) \times 3 \text{ turnovers} = 10,764 \text{ GPD}$

Total Proposed Peak Sanitary Flow = **10,764 GPD**

Total Proposed Peak Water Consumption = Proposed Peak Sanitary Flow = **10,764 GPD**

---

**Net Water Consumption and Sanitary Flow**

Net Water Consumption = Total Proposed Peak – Total Existing Peak

Net Water Consumption = 10,764 GPD – 800 GPD = **9,964 GPD**

Net Sanitary Flow = Total Proposed Peak - Total Existing Peak

Net Sanitary Flow = 10,764 GPD – 800 GPD = **9,964 GPD**

EXHIBIT F.

**Flow Calculations (Signed and Sealed)**

Lawrence Hall		
Sewage Capacity Calculations		
Pipe Diameter (per Flow Monitoring Report) =	15	in
Upstream Invert Elevation (per survey) =	745.65	
Downstream Invert Elevation (per survey) =	742.01	
Pipe Length (per survey) =	268	ft
Slope =	1.36	%
Mannings n =	0.015	(VCP)
Design Capacity		
Sewer Type (Combined/Separate)	Combined	
Peaking Factor	3.5	
Peak Hydraulic Capacity (Using Mannings Equation full-flow)	6.526	cfs
	4,217,865	GPD
Average Hydraulic Capacity (Peak Capacity divided by Peaking Factor)	1,205,104	GPD
Present Flows - MH051M018		
Present Average Flows (Flow data, refer to "Data Analysis" spreadsheet)	0.017	MGD
	17,000	GPD
Present Peak Flows (Flow data, refer to "Data Analysis" spreadsheet)	1.219	MGD
	1,219,000	GPD
Project Flow		
Project Flow	9,964	GPD
Projected Flows		
Projected Peak [(Present Peak Flow + Project Flow) x 1.05]	1,290,412	*GPD
Projected Average (Projected Peak Flow divided by Peaking Factor)	368,689	*GPD

\*Projected Flows are less than the Design Capacity

Input  
 Output



# Channel Report

## Sewer Design Capacity

### Circular

Diameter (ft) = 1.25

Invert Elev (ft) = 742.01

Slope (%) = 1.36

N-Value = 0.015

### Calculations

Compute by: Known Depth

Known Depth (ft) = 1.25 ← FULL FLOW

### Highlighted

Depth (ft) = 1.25

Q (cfs) = 6.526

Area (sqft) = 1.23

Velocity (ft/s) = 5.32

Wetted Perim (ft) = 3.93

Crit Depth, Yc (ft) = 1.03

Top Width (ft) = 0.00

EGL (ft) = 1.69

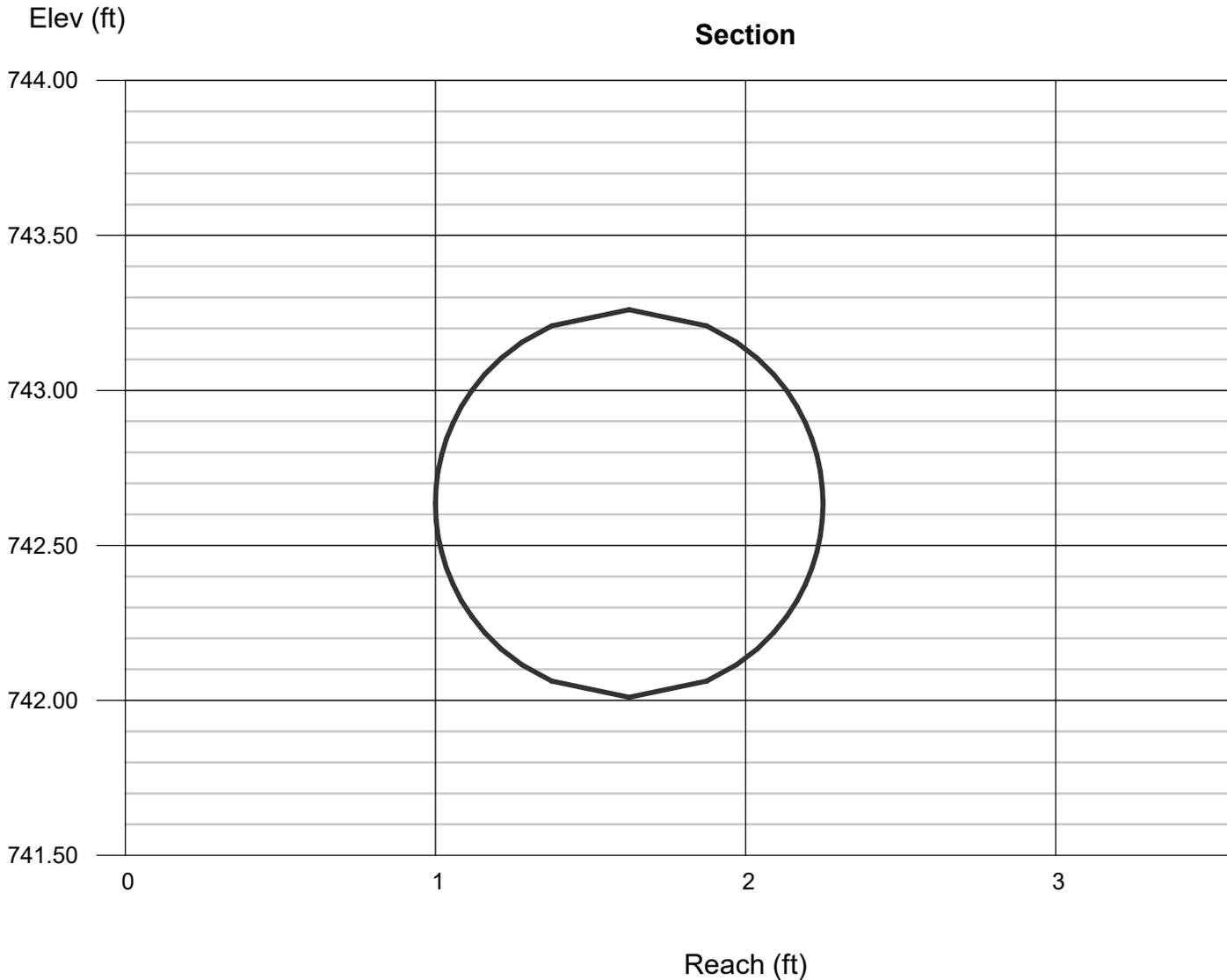


EXHIBIT G.

**Alternatives Analysis**

## **Alternatives Analysis**

Lawrence Hall  
4609 Butler Street, 9th Ward, City of Pittsburgh

The proposed short-term and long-term ultimate method of sanitary sewage conveyance and treatment of the total 10,764 GPD or 26.91 EDU peak flow from the proposed building will involve the use of adequately design storm and sanitary sewer laterals, owned and maintained by the property owner, connecting into the PWSA owned 15” combination gravity sewer system located in Eden Way. This public sewer connects into ALCOSAN’s Allegheny River Interceptor (A-29) and sewage flows via gravity to the ALCOSAN Treatment Plant at Woods Run.

The project site is surrounded by residential and commercial buildings. All adjacent properties utilize the existing public sewer system as their ultimate sewage disposal conveyance system and the ALCOSAN Treatment Plant as their ultimate sewage treatment method. There are no feasible sewage facilities alternatives because access to the public sewer system is available and the proposed building occupies majority of the property.

**EXHIBIT H.**

**Sewage Facilities Planning Module – Component 4A – Municipal  
Planning Review Agency**



## 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.



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  
Lawrence Hall

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

1. Date plan received by municipal planning agency 2/27/23
2. Date review completed by agency 3/3/2023

**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?<br>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?<br>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?<br>If yes, describe impacts _____            |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 6. Will any known historical or archaeological resources be impacted by this project?<br>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?<br>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?<br>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? If no, describe the inconsistencies _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. Is this plan consistent with the municipal Official Sewage Facilities Plan? 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? 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? If no, describe the inconsistencies _____
17. Name, title and signature of planning agency staff member completing this section: Name: <u>Kyla Prendergast</u> Title: <u>Senior Environmental Planner</u> Signature: <u><i>Kyla Prendergast</i></u> Date: <u>3/3/2023</u> Name of Municipal Planning Agency: <u>City of Pittsburgh Department of City Planning</u> Address <u>100 Ross St, Suite 202, Pittsburgh, PA 15219</u> Telephone Number: <u>412-522-6551</u>		

**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.

**EXHIBIT I.**  
**Sewage Facilities Planning Module – Component 4C – County of Joint  
Health Department Review**

COUNTY OF



ALLEGHENY

**RICH FITZGERALD**  
COUNTY EXECUTIVE

March 3, 2023

Shannon L. McCullough  
Gateway Engineers  
100 McMorris Road  
Pittsburgh, PA 15205

**RE: SEWAGE FACILITIES PLANNING MODULE; ALLEGHENY COUNTY**  
**Lawrence Hall 4609 Butler Street, City of Pittsburgh**

Dear Ms. McCullough:

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 February 27, 2023. The project proposes the following:

Project Description:	Lawrence Hall project will involve interior and exterior improvements of the existing building structure which will be converted into a food hall and bar and will be located at parcel 80-P-202 in the 9 <sup>th</sup> Ward of the City of Pittsburgh Allegheny County.
Sewage Flow:	9,964 GPD
Conveyance:	The flow from this site will be conveyed to the Pittsburgh Water and Sewer Authority 15" combination gravity sewer in Eden Way, to the ALCOSAN Allegheny River Interceptor A-29, and then to the ALCOSAN Treatment Plant at Woods Run.
Sewer's Owner:	PWSA (collection) and ALCOSAN (interceptor)
Sewage Treatment Plant:	ALCOSAN



DEBRA BOGEN, MD, FAAP, FABM, 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](http://WWW.ALLEGHENYCOUNTY.US/HEALTHDEPARTMENT)



Ms. Shannon McCullough  
March 3, 2023  
Page 2

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, Plumbing Program Manager at 412-578-8055.

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

Sincerely,



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

Enclosure

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



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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.*

---

### 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.

## 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

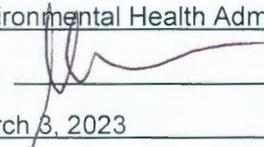
Lawrence Hall 4609 Butler Street

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

1. Date plan received by county or joint county health department February 27, 2023Agency name Allegheny County Health Department (ACHD)2. Date review completed by agency March 3, 2023

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

Yes No

- |  |                                     |   |
|--|-------------------------------------|---|
| <input checked="" type="checkbox"/>  | <input type="checkbox"/>            | 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?<br>If no, what are the inconsistencies? _____                         |
| <input type="checkbox"/>   | <input checked="" type="checkbox"/> | 2. 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"/> | 3. Is there any known groundwater degradation in the area of this proposal?<br>If yes, describe _____   |
| <input checked="" type="checkbox"/>  | <input type="checkbox"/>            | 4. The county or joint county health department recommendation concerning this proposed plan is as follows: <u>ACHD recommends approval. See attached letter.</u> |
| 5. Name, title and signature of person completing this section:                                |                                     |   |
| Name: <u>Gina Caliguri</u>   |                                     |   |
| Title: <u>Environmental Health Administrator II / Compliance Officer</u>                       |                                     |   |
| Signature:  |                                     |   |
| Date: <u>March 3, 2023</u>   |                                     |   |
| Name of County Health Department: <u>ACHD</u>  |                                     |   |
| Address: <u>301 39th Street, Building #5, Pittsburgh, PA 15224-1318</u>                        |                                     |   |
| Telephone Number: <u>412-578-8388</u>  |                                     |   |

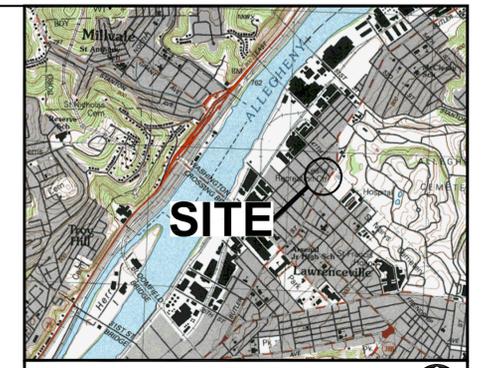
#### SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

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.

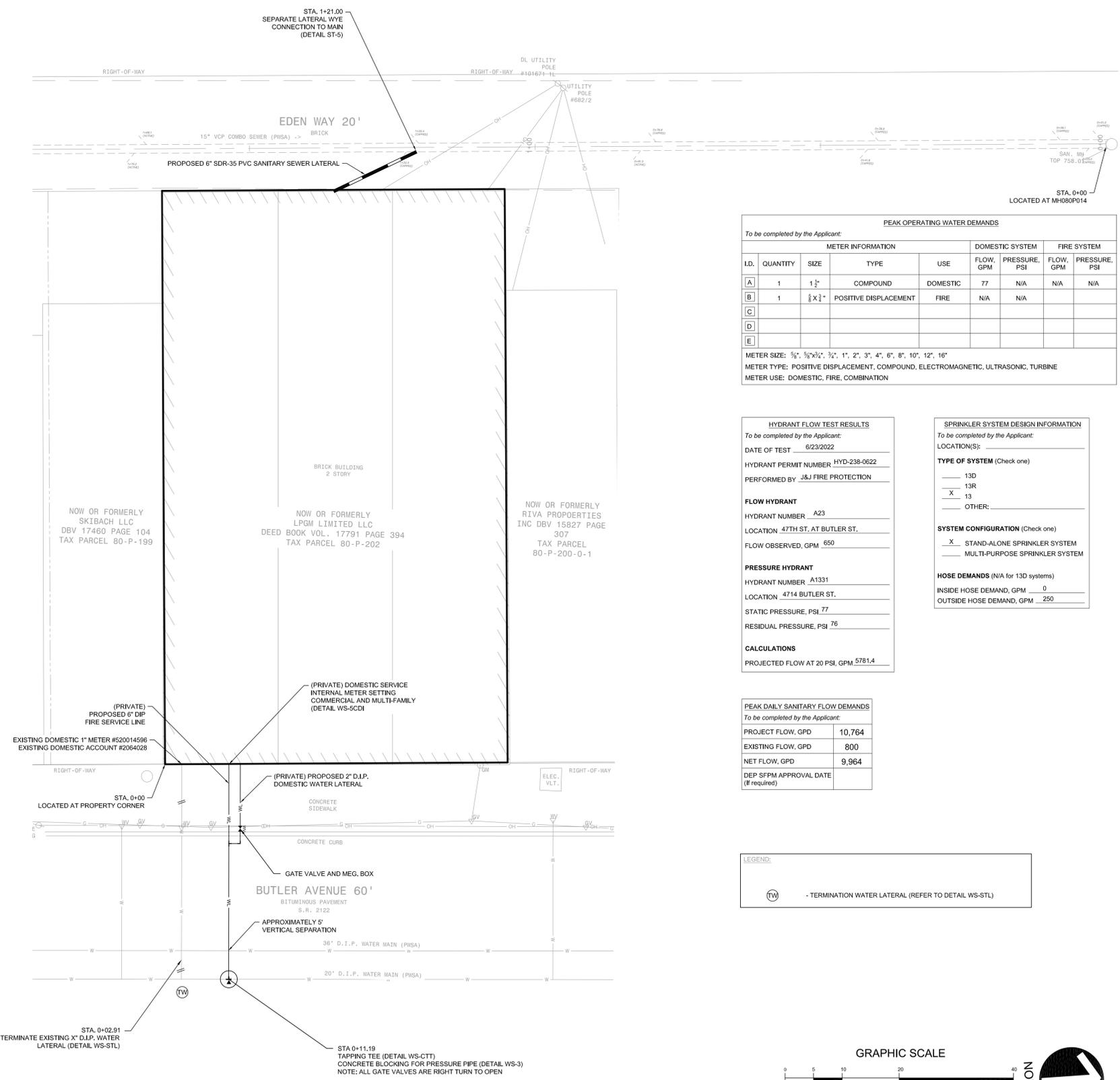
The county planning agency must complete this component within 60 days.  
This component and any additional comments are to be returned to the applicant.

**EXHIBIT J.**

**Plot Plan**



SITE LOCATION MAP  
SCALE: 1" = 200'



**PEAK OPERATING WATER DEMANDS**  
To be completed by the Applicant:

I.D.	QUANTITY	SIZE	TYPE	USE	DOMESTIC SYSTEM		FIRE SYSTEM	
					FLOW, GPM	PRESSURE, PSI	FLOW, GPM	PRESSURE, PSI
A	1	1 1/2"	COMPOUND	DOMESTIC	77	N/A	N/A	N/A
B	1	1/2" x 1/2"	POSITIVE DISPLACEMENT	FIRE	N/A	N/A		
C								
D								
E								

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

**HYDRANT FLOW TEST RESULTS**  
To be completed by the Applicant:  
DATE OF TEST: 6/23/2022  
HYDRANT PERMIT NUMBER: HYD-238-0622  
PERFORMED BY: J&J FIRE PROTECTION

**FLOW HYDRANT**  
HYDRANT NUMBER: A23  
LOCATION: 47TH ST. AT BUTLER ST.  
FLOW OBSERVED, GPM: 650

**PRESSURE HYDRANT**  
HYDRANT NUMBER: A1331  
LOCATION: 4714 BUTLER ST.  
STATIC PRESSURE, PSI: 77  
RESIDUAL PRESSURE, PSI: 76

**CALCULATIONS**  
PROJECTED FLOW AT 20 PSI, GPM: 5781.4

**SPRINKLER SYSTEM DESIGN INFORMATION**  
To be completed by the Applicant:  
LOCATION(S): \_\_\_\_\_

**TYPE OF SYSTEM (Check one)**  
 13D  
 13R  
 13  
 OTHER: \_\_\_\_\_

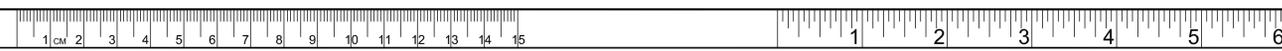
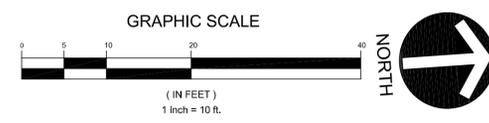
**SYSTEM CONFIGURATION (Check one)**  
 STAND-ALONE SPRINKLER SYSTEM  
 MULTI-PURPOSE SPRINKLER SYSTEM

**HOSE DEMANDS (N/A for 13D systems)**  
INSIDE HOSE DEMAND, GPM: 0  
OUTSIDE HOSE DEMAND, GPM: 250

**PEAK DAILY SANITARY FLOW DEMANDS**  
To be completed by the Applicant:

PROJECT FLOW, GPD	10,764
EXISTING FLOW, GPD	800
NET FLOW, GPD	9,964
DEP SFPM APPROVAL DATE (if required)	

**LEGEND:**  
TW - TERMINATION WATER LATERAL (REFER TO DETAIL WS-STL)



**THE PITTSBURGH WATER & SEWER AUTHORITY APPROVAL BLOCK**  
To be completed by the Applicant:  
(Check all that apply)

NEW WATER CONNECTION(S)  
 NEW SEWER CONNECTION(S)  
 REUSE EXISTING WATER CONNECTION(S)  
 REUSE EXISTING SEWER CONNECTION(S)  
 TERMINATE EXISTING WATER CONNECTION(S)  
 TERMINATE EXISTING SEWER CONNECTION(S)  
 PRIVATE CONSTRUCTION OF PUBLIC FACILITIES

To be completed by the PWSA:  
(Required for ALL approvals)

REVIEWER, DEPT. OF ENGINEERING AND CONSTRUCTION \_\_\_\_\_

SENIOR PROJECT MANAGER, DEPT. OF ENGINEERING AND CONSTRUCTION \_\_\_\_\_

DIRECTOR OF OPERATIONS \_\_\_\_\_

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

DIRECTOR, DEPT. OF ENGINEERING AND CONSTRUCTION \_\_\_\_\_

PWSA PROJECT NUMBER \_\_\_\_\_

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.



Serial No. 20221874520



ENGINEER

**LAWRENCE HALL  
LPGM LIMITED**

PLAN PREPARER: THE GATEWAY ENGINEERS, INC. (CONTACT: JARED NEILL)  
412-921-4030 JNEILL@GATEWAYENGINEERS.COM

**WATER AND SEWER TAP CONNECTION  
AND TAP TERMINATION PLANS**

**4609 BUTLER STREET  
9TH WARD, CITY OF PITTSBURGH, 15201**

SCALE: 1"=10' SHEET NO. 1 OF 3 ACCESSION NO. \_\_\_\_\_  
DATE: NOVEMBER 2022 CASE NO. \_\_\_\_\_

P:\p\p\Projects\39029\03\029\_4609 Butler Street-0003.Lawrence Hall CIVIL\DWG\02-SheetPWSA\_Tap In Plans.dwg  
 2/21/2023 12:16 PM Shannon L. McCollough, GP Save Date: 2/26/2023 11:28 AM