

Code No.



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

## SEWAGE FACILITIES PLANNING MODULE

### Component 3. Sewage Collection and Treatment Facilities

*(Return completed module package to appropriate municipality)*

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

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

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

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

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

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

1. Project Name           POMO Sweetbriar Plan of Lots No. 3

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2. Brief Project Description A subdivision plan dividing a single lot with one existing dwelling (to be demolished) and replaced with 3 lots and a total of 3 new single family dwellings.

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

Municipality Name	County	City	Boro	Twp
Pittsburgh Sewer and Water Auth.	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Asciolla	Julie			Business & Development Relations Manager
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1		Mailing Address Line 2		
1200 Penn Avenue				
Address Last Line -- City		State	ZIP+4	
Pittsburgh		PA	15222	
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-8800, Ext. 8019	(Cell) 412-606-1233	jasciolla@pgh2o.com		

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

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

POMO Sweetbriar Plan of Lots No. 3

Site Location Line 1 450, 452 & 454 Sweetbriar Street		Site Location Line 2		
Site Location Last Line -- City Pittsburgh	State PA	ZIP+4 15211	Latitude N 40 26 04	Longitude W 80 01 22

Detailed Written Directions to Site

From McCardle Roadway take Grandview Avenue westward. Go 2 blocks past the Duquesne Incline, and turn left onto Sweetbriar Street. Proceed down the hill and the site is located 0.37 miles on the right side of the street.

Description of Site

Lawn area associated with 2 story vinyl sided house known as 1509 West Sycamore Avenue

**Site Contact (Developer/Owner)**

Last Name Paul	First Name Jeffrey	MI R	Suffix	Phone 412-901-0326	Ext.
Site Contact Title President		Site Contact Firm (if none, leave blank) POMO Development			
FAX 412-714-4754		Email jeff paul <jpjpcu@hotmail.com>			
Mailing Address Line 1 306 Curry Hollow Road		Mailing Address Line 2			
Mailing Address Last Line -- City Pleasant Hills		State PA	ZIP+4 15236		

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

Last Name Kalina	First Name David	MI M	Suffix PLS
Title Project Manager	Consulting Firm Name Liadis Engineering & Surveying, Inc.		
Mailing Address Line 1 3100 Banksville Road		Mailing Address Line 2	
Address Last Line -- City Pittsburgh	State PA	ZIP+4 15216	Country USA
Email dave@liadisengineering.com	Area Code + Phone 412-341-6000	Ext. 2	Area Code + FAX 412-341-6672

**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: PA American Water Company

**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 2

Connections 2

Name of:

existing collection or conveyance system Pittsburgh Sewer and Water Authority  
owner Pittsburgh Sewer and Water Authority

existing interceptor Saw Mill Run Interceptor  
owner Allegheny County Sanitary Authority (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 Allegheny County Sanitary Authority, Woods Run Treatment Plant

NPDES Permit Number for existing facility 25984

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

Location of discharge point for a new facility. Latitude 40 28 32 Longitude 80 02 44

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 Mr. D. Latta

Agent Signature [Signature] Date 7/24/2020

(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 800 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	9,959,163	34,857,071	20,073	70,255	21,316	74,608
Conveyance		198 mgd	0.26 mgd	0.35 mgd	0.26	0.35
Treatment	209.3 mgd	250 mgd	209.3 mgd	250 mgd	219.7 mgd	295 mgd

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 Pittsburgh Water and Sewer Authority

Name of Responsible Agent Barry King, P.E. / Director of Engineering and Construction

Agent Signature [Signature] Date 7/14/2020

Form

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

## c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAWName of Responsible Agent W. D. L. McAgent Signature [Signature]Date 7/29/2020

## 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 ALCOSAWName of Responsible Agent W. D. L. McAgent Signature [Signature]Date 7/29/2020 **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.

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

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

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

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(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.

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

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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?

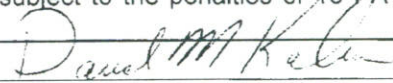
**P. PUBLIC NOTIFICATION REQUIREMENT cont'd.** (See Section P of instructions)

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.

David M. Kalina, Liadis Engineering & Surveying, Inc.  
Name (Print)



Signature

Project Manager

March 9, 2020

Date

Title

3100 Banksville Road, Pittsburgh, PA 15216

412-341-6000, Ext 2

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 \$ 100 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 \_\_\_\_\_

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**R. REVIEW FEE** (continued)

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Formula:

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

$$\# \underline{2} \text{ Lots (or EDUs)} \times \$50.00 = \$ \underline{100}$$

The fee is based upon:

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

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

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

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

$$\# \underline{\hspace{2cm}} \text{ Lots (or EDUs)} \times \$35.00 = \$ \underline{\hspace{2cm}}$$

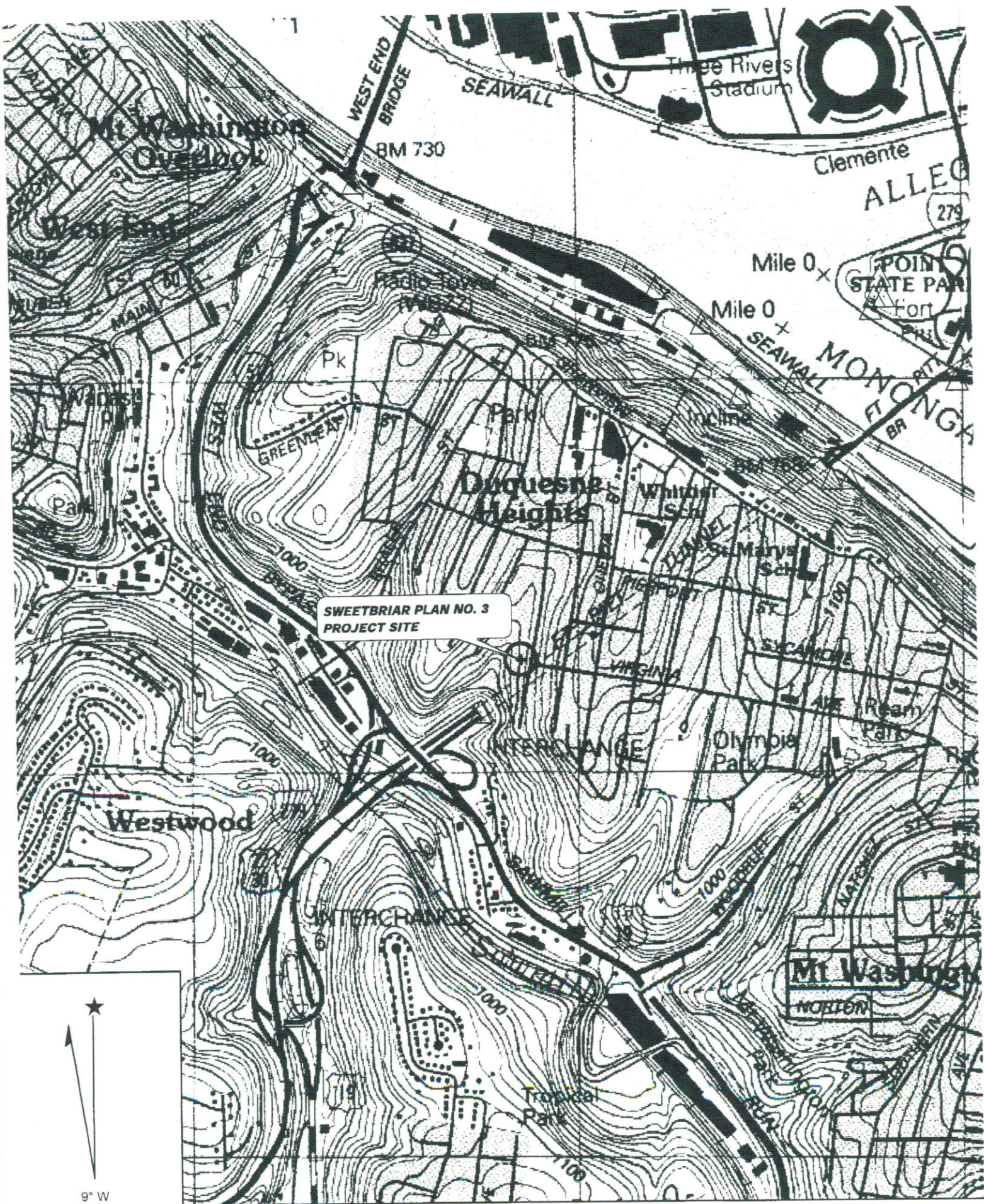
to a maximum of \$ 1,500 per submittal (non-municipal) or \$ 500 per submittal (municipal)

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:

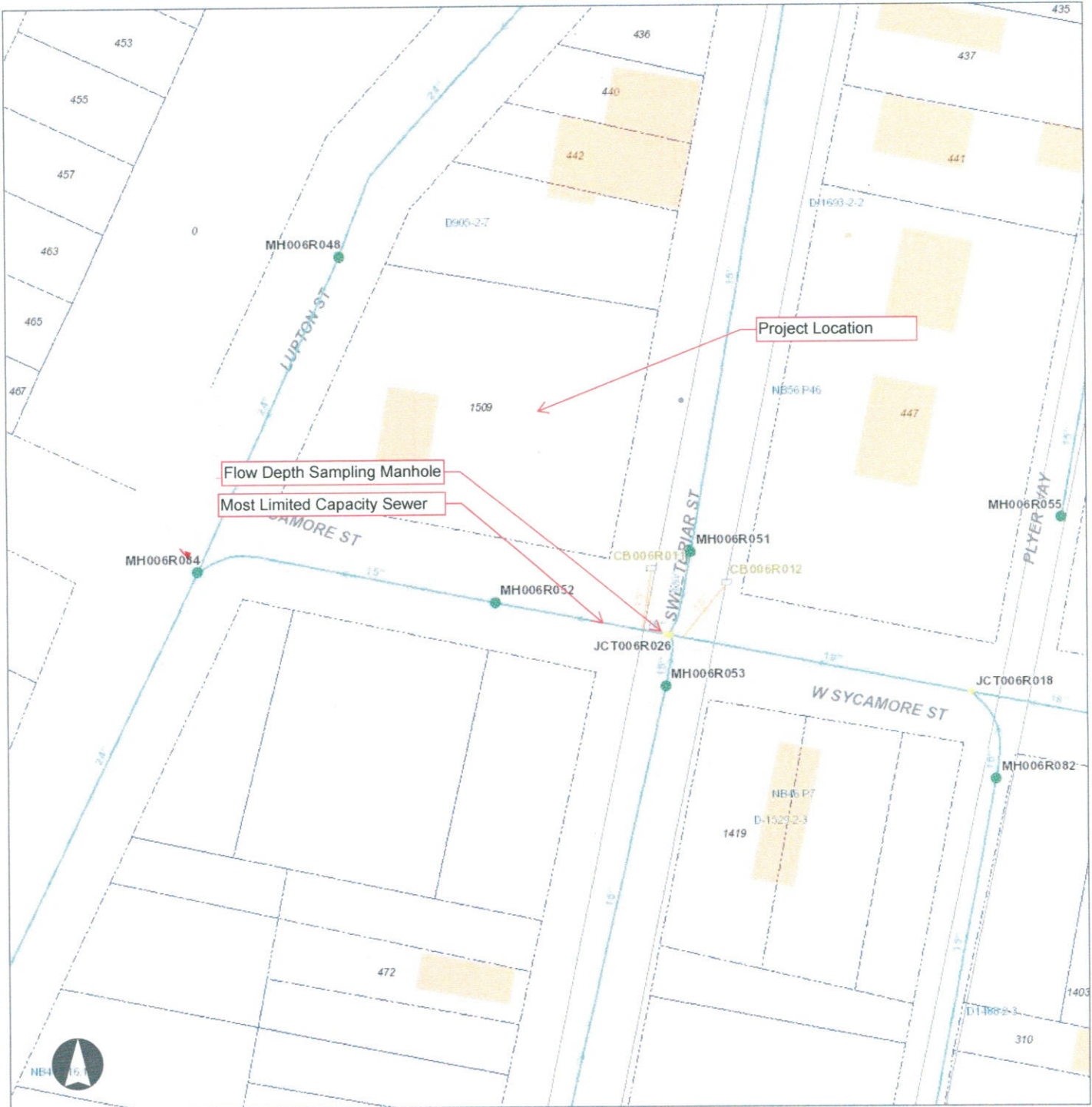
\$ 1,500 per submittal (non-municipal)  
\$ 500 per submittal (municipal)



Name: PITTSBURGH WEST  
 Date: 3/9/2020  
 Scale: 1 inch equals 1000 feet

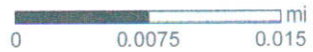
Location: 040° 26' 03.60" N 080° 01' 27.16" W  
 Caption: SWEETBRIAR PLAN No. 3  
 19TH WARD, PITTSBURGH

# MLCS Map



## Legend

- |  |              |  |              |  |
|--|--------------|--|--------------|--|
|  | <b>WATER</b> |  | <b>SEWER</b> |  |
|--|--------------|--|--------------|--|



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: 5/4/2020

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

PROJECT NAME: 450-454 Sweetbriar Street  
 PWSA PROJECT NUMBER: 20013.4  
 PWSA REVIEWER: Benjamin Grunauer  
 DATE: May 4, 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
MH006R051	JCT006R025	1018.50	1015.60	53.06	15	VCP	0.015	1.23	3.927	5.47%	8,482,287
MH006R052	JCT006R027	1015.60	996.78	113.53	15	VCP	0.015	1.23	3.927	16.58%	14,773,811
JCT006R027	MH005C021	996.78	931.08	396.21	24	VCP	0.015	3.14	6.283	16.58%	51,738,342
MH005C021	MH005C022	931.08	884.65	279.99	24	VCP	0.015	3.14	6.283	16.58%	51,738,342
MH005C022	MH005C025	884.65	869.97	88.56	30	Concrete	0.013	4.91	7.854	16.58%	108,239,833
MH005C025	MH005B004	869.97	840.40	178.31	30	Concrete	0.013	4.91	7.854	16.58%	108,239,833
MH005B004	MH005B005	840.40	833.03	44.45	30	Concrete	0.013	4.91	7.854	16.58%	108,239,833
MH005B007	MH005B008	833.03	810.72	134.54	30	Concrete	0.013	4.91	7.854	16.58%	108,239,833
MH005B008	MH005B009	810.72	800.06	64.33	30	Concrete	0.013	4.91	7.854	16.58%	108,239,833
MH005B009	MH005B010	779.83	779.21	139.47	30	Concrete	0.013	4.91	7.854	0.44%	17,722,645
MH005B010	MH005B011	779.21	778.79	58.88	30	VCP	0.015	4.91	7.854	0.72%	19,526,190
MH005B011	MH005B018	778.79	777.41	15.27	35	VCP	0.015	6.68	9.163	9.01%	104,300,378
MH005B018	ADC005FS40	778.79	769.44	88.53	35	VCP	0.015	6.68	9.163	10.56%	112,917,182

## 1. PROJECT INFORMATION

Project Name: **SWEETBRIAR PLAN No. 3**

Date of Review: **3/9/2020 02:10:27 PM**

Project Category: **Development, Residential, Subdivision containing more than 2 lots and/or 2 single-family units**

Project Area: **0.47 acres**

County(s): **Allegheny**

Township/Municipality(s): **PITTSBURGH**

ZIP Code: **15211**

Quadrangle Name(s): **PITTSBURGH WEST**

Watersheds HUC 8: **Upper Ohio**

Watersheds HUC 12: **Sawmill Run**

Decimal Degrees: **40.434303, -80.022783**

Degrees Minutes Seconds: **40° 26' 3.4921" N, 80° 1' 22.189" W**

## 2. SEARCH RESULTS

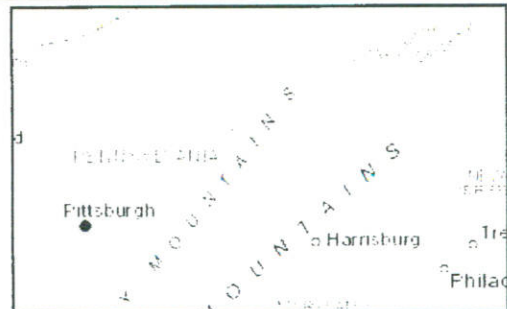
Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No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

### SWEETBRIAR PLAN No. 3



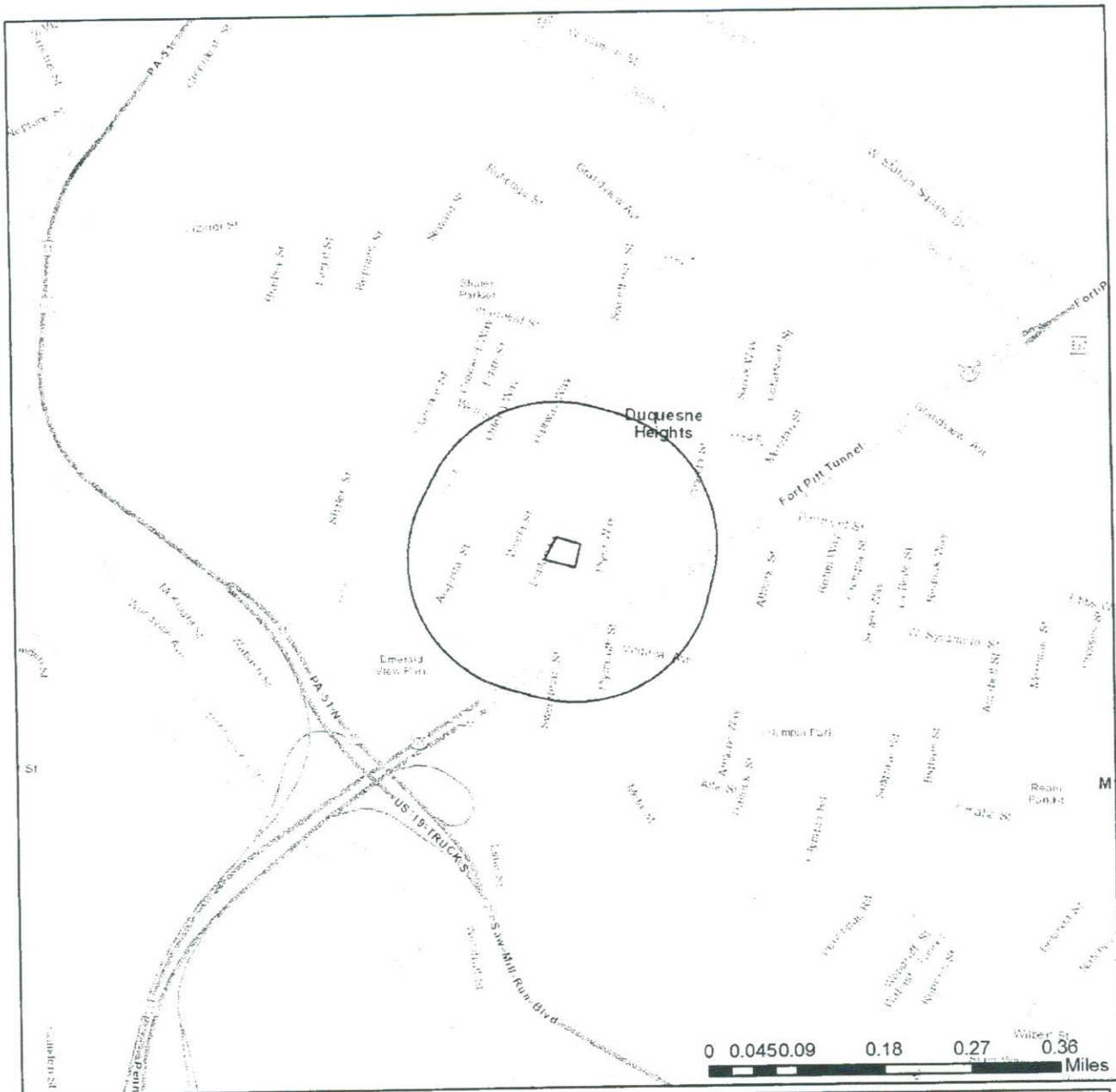
- Project Boundary
- Buffered Project Boundary



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

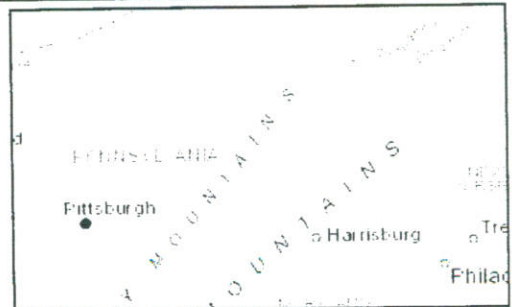


### SWEETBRIAR PLAN No. 3



- Project Boundary
- Buffered Project Boundary

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





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  
POMO Sweetbriar Plan of Lots No. 3

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

1. Date plan received by municipal planning agency 3-12-20
2. Date review completed by agency 3-12-20

**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"/>            | <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?<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 Battistone  
 Title: Senior environmental planner  
 Signature: MBattistone  
 Date: 3-12-20  
 Name of Municipal Planning Agency: City of Pittsburgh  
 Address: 200 Ross St. 4<sup>th</sup> Floor Pittsburgh, PA 15217  
 Telephone Number: (412) 255-2510

**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.



## RECORD OF ZONING APPROVAL # DCP-ZDR-2019-04361

### PROPERTY INFORMATION

**Applicant:** JEFF PAUL

**Property Address:** 450 SWEETBRIAR ST, Pittsburgh, PA 15211-

**Parcel ID:** 0006R00173000000

**Neighborhood:** Duquesne Heights

**Zoning District:** R1D-M

**City Historic Landmark:** No

**City Historic District:** No

**Floodplain:** No

**Landslide Prone Overlay:** Yes

**Undermined Overlay:** No

**25% Slope Overlay:** Yes

**Baum-Centre Overlay:** No

### ZONING APPROVAL

This document verifies the receipt of a Zoning Application and the fulfillment of all Zoning Code (Title Nine) requirements.

**Date Approved:** March 10, 2020

**Zoning Plan Reviewer:** Kathleen Oldrey

**Zoning Approved Scope:** New construction of three two-story single family detached dwellings with two-car integral garages. All measures recommended in the applicants' geotechnical report shall be implemented.

### ASSOCIATED APPROVALS

**Zoning Board of Appeals:**

**Planning Commission:**

**Art Commission:**

**Pre-application Review Meeting:**

4A - CITY PLANNING  
4C - HEALTH DEPT PROB FIELDS  
C3 - PWSA



## 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

POMO Sweetbriar Plan of Lots No. 3

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

1. Date plan received by county or joint county health department \_\_\_\_\_  
Agency name \_\_\_\_\_
2. Date review completed by agency \_\_\_\_\_

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

- | Yes                      | No                       |   |
|--------------------------|--------------------------|---|
| <input 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 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 type="checkbox"/> | 3. Is there any known groundwater degradation in the area of this proposal?<br>If yes, describe _____   |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. The county or joint county health department recommendation concerning this proposed plan is as follows: _____   |
|                          |                          | 5. Name, title and signature of person completing this section:<br>Name: _____<br>Title: _____<br>Signature: _____<br>Date: _____<br>Name of County Health Department: _____<br>Address: _____<br>Telephone Number: _____ |

#### 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.

POMO SWEETBRIAR PLAN OF LOTS NO. 3  
CITY OF PITTSBURGH, 19<sup>TH</sup> WARD

DEP PLANNING MODULE FOR LAND DEVELOPMENT  
SEWAGE FACILITY PROJECT NARRATIVE

This project is for the redevelopment of a large urban lot, which currently has an old 2 story frame, single family house located on the property. This existing dwelling shall be demolished and the property subdivided to create 3 smaller lots to be used for construction of 3 new single family dwellings.

This property currently has one (1) EDU allocated to it for the existing dwelling. Since this subdivision will create three (3) building lots from what is currently one (1) lot, a Planning Module is required due to the increase in sewer demand required to provide the two (2) additional lots with sewer availability. This development will require 2 additional EDU's for the development of the site.

As best as I can determine, one single family dwelling since approximately the 1920's had occupied this property, which is as far back as could be verified.

The existing dwelling facing West Sycamore Street, is designated as house number 1509. The new single family dwelling to be constructed will be 3 lots facing Sycamore Street. Two (2) of the three (3) new lots will generate an additional 400 gal/day or 2 EDU of new flows directed into the sewer system operated by the Pittsburgh Sewer and Water Authority. There is an existing sewer line, which runs through Lupton Street directly behind these properties and the houses within this development shall be connected to this system via new private laterals. The new connections for these sewer laterals shall be tapped into this line in accordance with the requirements and specifications of the Authority.

This sewage from this site shall flow through the PWSA sewer system and into the Allegheny County Sanitary Authority's, Saw Mill Run Basin interceptor sewer. This interceptor continues downstream along Saw Mill Run, and will ultimately flow into the ALCOSAN treatment plant, located on the Ohio River for treatment prior to release to the waters of the Commonwealth.

If you have any questions, comments or concerns, please contact me at your convenience. My phone number is 412-341-6000, Ext. 2 and my email is [dave@liadisengineering.com](mailto:dave@liadisengineering.com).

Regards;



David M. Kalina, P.L.S.  
Project Manager

By a resolution approved on the 10th day of OCTOBER 2019, the Board of Directors of POMO Development, Inc., incorporated in the Commonwealth of Pennsylvania, cause to be laid before the Board of Commissioners of Allegheny County, Pennsylvania, a certain plan of subdivision and immediately dedicated streets and other properly identified for dedication on the plan to the City of Pittsburgh. This adoption and dedication shall be binding upon the corporation and upon its successors and assigns.

ATTEST:  
 Name of Corporation: POMO Development, Inc.  
 Signature of Officer: [Signature]  
 Date: 10-18-2019  
 Signature of Authorized Officer: [Signature]

Before me, the undersigned Notary Public in and for the Commonwealth of Pennsylvania and County of Allegheny, personally appeared Jeffrey R. Paul (name and title of officer) of POMO Development, Inc. who stated that he/she is authorized to execute the action of the corporation was taken to adopt this plan and dedicate public property contained therein to the City of Pittsburgh.

Witness my hand and seal this 18th day of October, 2019.  
 My commission expires the 16th day of April, 2021.

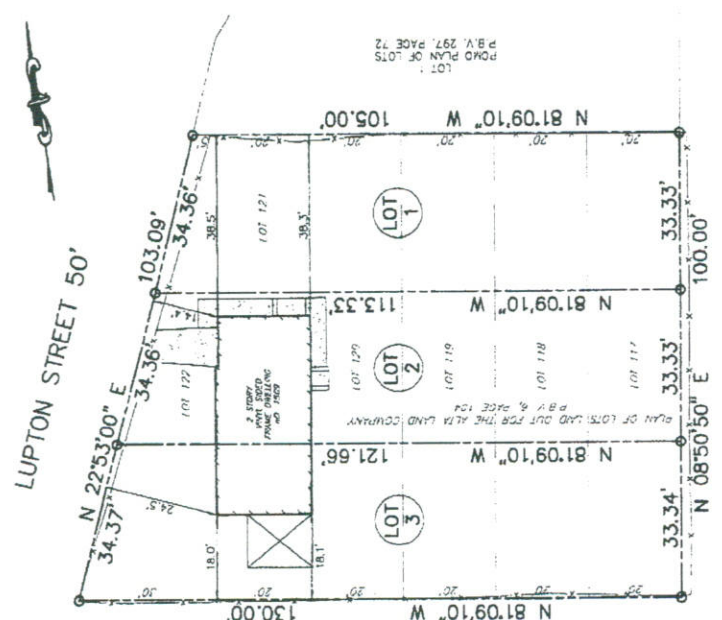
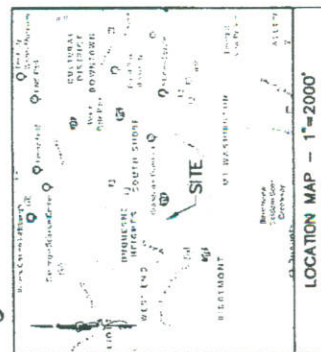
OFFICIAL SEAL (STAMP MUST BE IN BLUE INK)  
 COMMONWEALTH OF PENNSYLVANIA  
 Notary Public  
 Carol A. Prohman  
 My Commission Expires April 16, 2021

I hereby certify that the title to the property contained in the POMO Sweetbriar Plan of Lots No. 3 is in the name of POMO Development, Inc. and is recorded in Deed Book Volume 1777, Page 387.  
 Carol A. Prohman  
 Notary Public

Witness: [Signature]  
 Name, title, and mortgage

I, Steven A. Liadis, a professional Land Surveyor of the Commonwealth of Pennsylvania, do hereby certify, to the best of my knowledge, information and belief, that this plan correctly represents the lots, lands, streets and highways as surveyed and divided by me for the owners & agents.  
 Date: 10-15-19  
 Steve A. Liadis 50-511-A

Recorded in the Department of Real Estate of Allegheny County, for the recording of deeds, plans, etc., in sold County in Plan Book Volume 503, Page(s) 76  
 Given under my hand and seal this 8th day of November, 2019

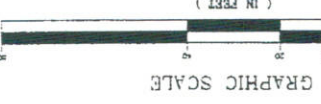


PROPERTY OWNER	TAX IDENTIFICATION NUMBER	EXISTING AREAS
POMO DEVELOPMENT, INC. 308 CURRY HOLLOW ROAD PITTSBURGH, PA 15236	BLOCK 6-R, LOT 173	BLOCK 6-R, LOT 173 11,750.0 SF; 0.270 AC
		TOTAL PLAN AREA 11,750.0 SF; 0.270 AC
CURRENT ZONING	PROPOSED AREAS	
R10 M SINGLE-UNIT DETACHED RESIDENTIAL	LOT 1 2,638.5 SF; 0.064 AC	
MINIMUM LOT SIZE: 3,200 SF	LOT 2 3,916.2 SF; 0.090 AC	
MINIMUM FRONT SETBACK: 30 FT	LOT 3 4,195.3 SF; 0.096 AC	
MINIMUM SIDE YARD SETBACK: 5 FT	TOTAL PLAN AREA 11,750.0 SF; 0.270 AC	
MINIMUM SIDE YARD SETBACK: 5 FT		
MAXIMUM HEIGHT: 40 FT		

W. SYCAMORE STREET 40'

SWEETBRIAR STREET 50'

LUPTON STREET 50'



### POMO SWEETBRIAR PLAN OF LOTS No. 3

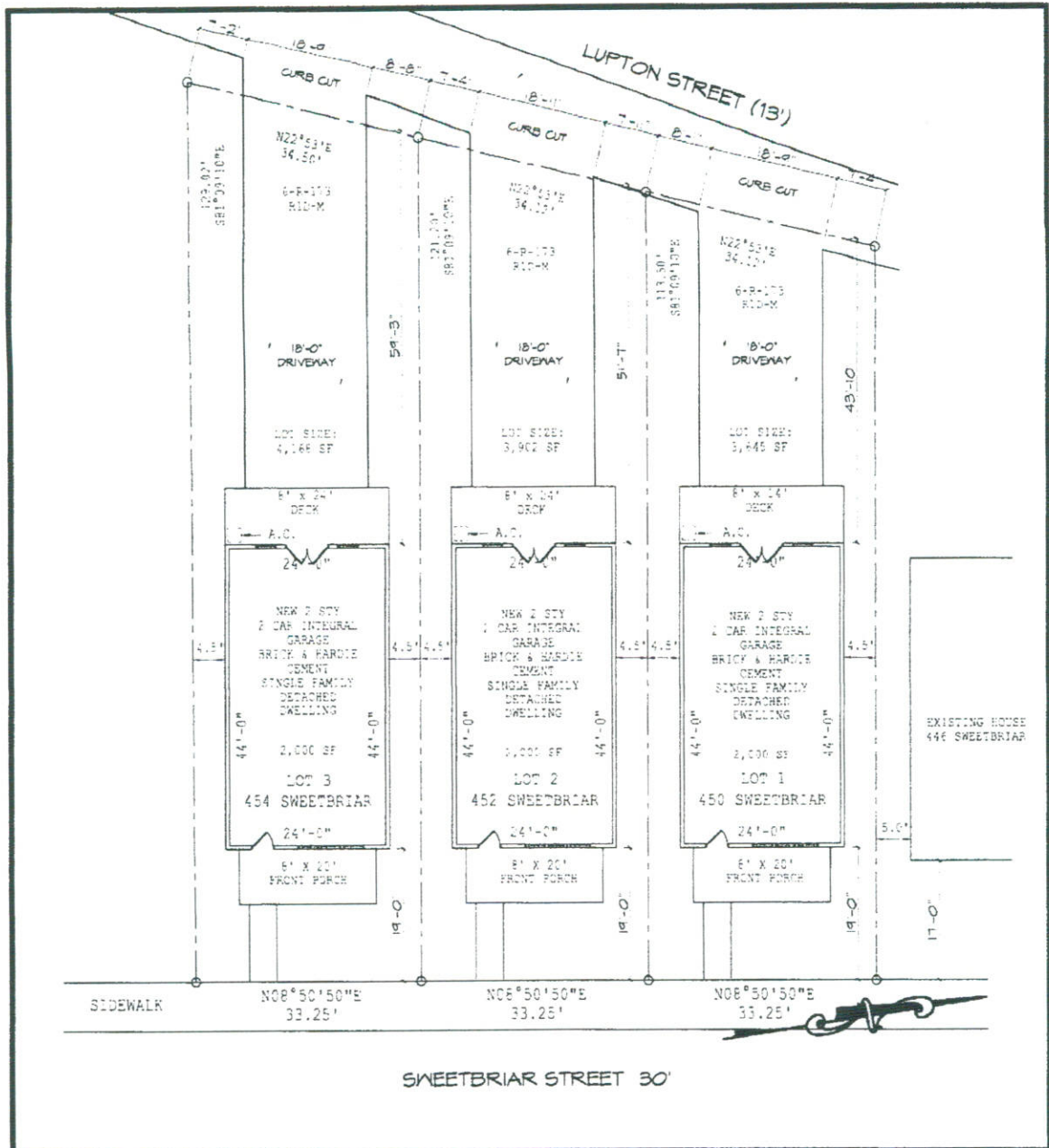
BEING A RESUBDIVISION OF LOTS 117, 118, 119, 120, 121, AND 122 IN THE PLAN OF LOTS LAD OUT FOR THE ALIA LAND COMPANY AS RECORDED IN P.B.V. 5, PAGE 104

PLAN MADE FOR	POMO DEVELOPMENT, INC.
SITUATE IN	19TH WARD, CITY OF PITTSBURGH ALLEGHENY COUNTY, PA
	LIADIS ENGINEERING & SURVEYING, INC. 3100 BANKSVILLE ROAD - PITTSBURGH, PA 15216

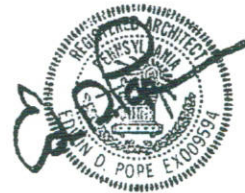


SCALE: 1" = 20' OCTOBER 2, 2019 DRAWING No. 25847-C-SD

ALL SIGNATURES MUST BE IN PERMANENT BLUE INK



PLAN MADE FOR		POMO DEVELOPMENT		
SITUATE IN		19TH WARD, CITY OF PITTSBURGH ALLEGHENY COUNTY, PA		
POMO DEVELOPMENT 306 CURRY HOLLOW RD PLEASANT HILLS PA 15236		LOT 6-R-173 ZONING: R1D-M 8-28-19		
1/16" = 1'-0"				
LOT #	LOT SIZE: (MIN. - 3,200 SF)	FRONT SETBACK: (MIN. - 30'-0")	REAR SETBACK: (MIN. - 30'-0")	INTERIOR SETBACK: (MIN. - 3'-0") (ZONING CODE 925.06C)
LOT 1	3,645 SF	19'-0"	43'-10"	4'-6"
LOT 2	3,902 SF	19'-0"	51'-7"	4'-6"
LOT 3	4,168 SF	19'-0"	59'-3"	4'-6"







COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER

## INSTRUCTIONS FOR COMPLETING COMPONENT 4A MUNICIPAL PLANNING AGENCY 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.

## 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)

### U.S. Fish and Wildlife Service

Pennsylvania Field Office  
Endangered Species Section  
110 Radnor Rd; Suite 101  
State College, PA 16801  
NO Faxes Please

### PA Fish and Boat Commission

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

### 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: David Kalina, Project Manager  
Company/Business Name: Liadis Engineering & Surveying, Inc.  
Address: 3100 Banksville Road  
City, State, Zip: Pittsburgh, PA 15216  
Phone:( ) 412-341-6000, x2 Fax:( ) 412-341-6672  
Email: dave@liadisengineering.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

March 9, 2020  
date



COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 BUREAU OF WATER STANDARDS AND FACILITY REGULATION

**TRANSMITTAL LETTER  
 FOR SEWAGE FACILITIES PLANNING MODULE**

**DEP USE ONLY**

DEP CODE #	APS ID #	CLIENT ID #	SITE ID #	AUTH. ID #

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

Date \_\_\_\_\_

Dear Sir:

Attached please find a completed Sewage Facilities Planning Module prepared by Jeffrey R. Paul \_\_\_\_\_  
(Name)  
President of POMO Development \_\_\_\_\_ for Plan of 450, 452 & 454 Sweetbriar Street \_\_\_\_\_  
(Title) (Name)  
 a subdivision, commercial, or industrial facility located in 19th Ward of the City of Pittsburgh \_\_\_\_\_  
 \_\_\_\_\_  
(City, Borough, Township) Allegheny County.

**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", and is  adopted for submission to the Department of Environmental Protection  transmitted to the delegated local agency for approval in accordance with the requirements of Chapter 71 and the Sewage Facilities Act, 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 Sewage Facilities 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, 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.*

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> 2. Individual Onlot Disposal | <input type="checkbox"/> 3. Sewage Collection/Treatment   | <input type="checkbox"/> 4.A. Municipal Planning Agency Review |
| <input type="checkbox"/> Adoption Resolution          | <input type="checkbox"/> 3s Small Flow Treatment Facility | <input type="checkbox"/> 4.B. County Planning Agency Review    |
|   |   | <input type="checkbox"/> 4.C. Health Department Review         |

\_\_\_\_\_  
 Municipal Secretary (print)

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Date

Note: Please remove and recycle the Instructions portion of the Sewage Facilities Planning Module prior to mailing the appropriate completed components and supporting documents to the approving agency.

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

## RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE ~~(SUPERVISORS) (COMMISSIONERS)~~ (COUNCILMEN) of the City 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 (Department) 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** POMO Development has proposed the development of a parcel of land identified as  
land developer

POMO Sweetbriar Plan of Lots No. 3, 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**, the 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 the Department of Environmental Protection 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 \_\_\_\_\_

## Checklist



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

## Completeness Checklist

The individual completing the component should use the checklist below to assure that all items are included in the module package. The municipality should confirm that the required items have been included within 10 days of receipt, and if complete, sign and date the checklist.

### Sewage Collection and Treatment Facilities

- Name and Address of land development project.
- U.S.G.S. 7.5 minute topographic map with development area plotted.
- Project Narrative.
- Letter from water company (if applicable).
- Alternative Analysis Narrative.
- Details of chosen financial assurance method.
- Proof of Public Notification (if applicable).
- Name of existing collection and conveyance facilities.
- Name and NPDES number of existing treatment facility to serve proposed development.
- Plot plan of project with required information.
- Total sewage flows to facilities table.
- Signature of existing collection and/or conveyance Chapter 94 report preparer.
- Signature of existing treatment facility Chapter 94 report preparer.
- Letter granting allocation to project (if applicable).
- Signature acknowledging False Swearing Statement.
- Completed Component 4 (Planning Agency Review) for each existing planning agency and health department.
- Information on selected treatment and disposal option.
- Permeability information (if applicable).
- Preliminary hydrogeology (if applicable).
- Detailed hydrogeology (if applicable).

### Municipal Action

- Component 3 (Sewage Collection and Treatment Facilities).
- Component 4 (Planning Agency Comments and Responses).
- Proof of Public Notification.
- Long-term operation and maintenance option selection.
- Comments, and responses to comments generated by public notification.
- Transmittal Letter

---

Signature of Municipal Official

---

Date submittal determined complete

# Peak Flow Measurement

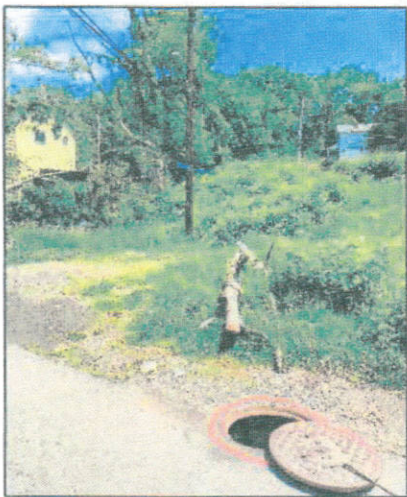
# DE

Date: 6/5/2020 Manhole ID: MH006R084

Location: Lupton and West Sycamore Street Name: Lupton Street

Latitude: 40° 26'03.01" N Longitude: 80° 01'23.56" W

Surveyor: Keith Lorenz Signature: *Keith Lorenz*



Measured Readings		
Time	Actual Depth (in)	Recorded Depth (in)
6:32 AM	0.25"	1.0"
6:45 AM	0.25"	1.0"
7:00 AM	0.25"	1.0"
7:15 AM	0.25"	1.0"
7:30 AM	0.25"	1.0"

Line Size (in): 15" Material: PVC

Drnach Environmental, Inc.  
471 Weigles Hill Road  
Elizabeth PA 15037  
phone: 412 - 384 - 5400





# Peak Flow Measurement

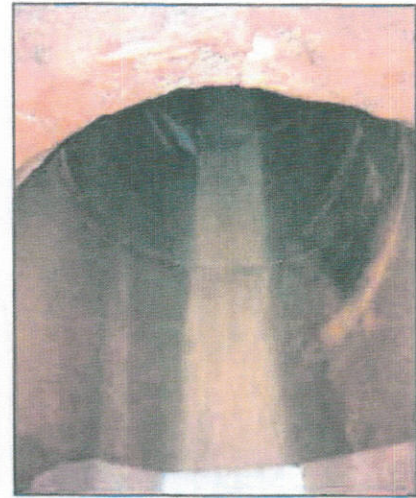
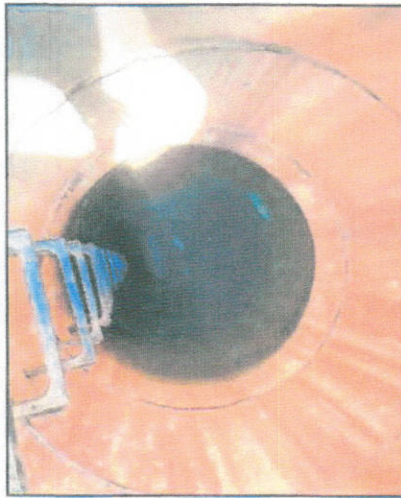
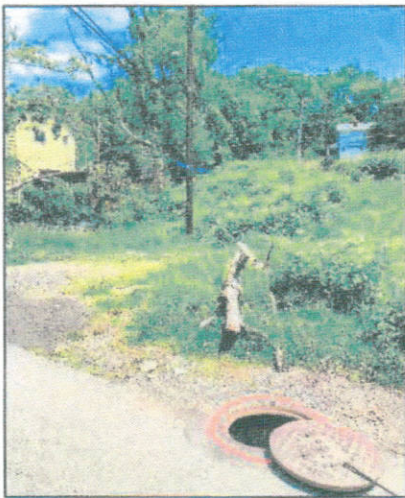
# DE

Date: 6/5/2020 Manhole ID: MH006R084

Location: Lupton and West Sycamore Street Name: Lupton Street

Latitude: 40° 26'03.01" N Longitude: 80° 01'23.56" W

Surveyor: Keith Lorenz Signature: *Keith Lorenz*



### Measured Readings

Time	Actual Depth (in)	Recorded Depth (in)
6:32 AM	0.5"	1.0"
6:45 AM	0.5"	1.0"
7:00 AM	0.5"	1.0"
7:15 AM	0.5"	1.0"
7:30 AM	0.5"	1.0"

Line Size (in): 30" Material: VCP

Drnach Environmental, Inc.  
471 Weigles Hill Road  
Elizabeth PA 15037  
phone: 412 - 384 - 5400



Pomo Development  
306 Curry Hollow Rd  
Pleasant Hills PA 15236

RECEIVED  
5/11/20

Planning Module Signatures for 450 452 454 Sweetbriar Street Housing Units

Please call Jeff Paul when documents are ready for pickup at 412-901-0326

Any questions may be answered by Jeff Paul at 412-901-0326 and/or [jpjpcu@hotmail.com](mailto:jpjpcu@hotmail.com)

POMO SWEETBRIAR PLAN OF LOTS NO. 3  
CITY OF PITTSBURGH, 19<sup>TH</sup> WARD

DEP PLANNING MODULE FOR LAND DEVELOPMENT  
SEWAGE FACILITY PROJECT NARRATIVE

This project is for the redevelopment of a large urban lot, which currently has an old 2 story frame, single family house located on the property. This existing dwelling shall be demolished and the property subdivided to create 3 smaller lots to be used for construction of 3 new single family dwellings.

This property currently has one (1) EDU allocated to it for the existing dwelling. Since this subdivision will create three (3) building lots from what is currently one (1) lot, a Planning Module is required due to the increase in sewer demand required to provide the two (2) additional lots with sewer availability. This development will require 2 additional EDU's for the development of the site.

As best as I can determine, one single family dwelling since approximately the 1920's had occupied this property, which is as far back as could be verified.

The existing dwelling facing West Sycamore Street, is designated as house number 1509. The new single family dwelling to be constructed will be 3 lots facing Sycamore Street. Two (2) of the three (3) new lots on will generate an additional 400 gal/day or 2 EDU of new flows directed into the sewer system operated by the Pittsburgh Sewer and Water Authority. There is an existing sewer line, which runs through Lupton Street directly behind these properties and the houses within this development shall be connected to this system via new private laterals. The new connections for these sewer laterals shall be tapped into this line in accordance with the requirements and specifications of the Authority.

This sewage from this site shall flow through the PWSA sewer system and into the Allegheny County Sanitary Authority's, Saw Mill Run Basin interceptor sewer. This interceptor continues downstream along Saw Mill Run, and will ultimately flow into the ALCOSAN treatment plant, located on the Ohio River for treatment prior to release to the waters of the Commonwealth.

If you have any questions, comments or concerns, please contact me at your convenience. My phone number is 412-341-6000, Ext. 2 and my email is [dave@liadisengineering.com](mailto:dave@liadisengineering.com).

Regards;



David M. Kalina, P.L.S.  
Project Manager

COUNTY OF



ALLEGHENY

RICH FITZGERALD  
COUNTY EXECUTIVE

March 13, 2020

Jeffrey R. Paul, President  
POMO Development  
306 Curry Hollow Road  
Pleasant Hills, PA 15236

**RE: SEWAGE FACILITIES PLANNING MODULE  
POMO Sweetbrier Plan of Lots No.3  
City of Pittsburgh, ALLEGHENY COUNTY**

Dear Mr. Paul:

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 March 12, 2020. The project proposes the following:

Project Description:	POMO Sweetbrier Plan of Lot No. 3. Proposing to demolish an existing 2 story single family house and subdivide the property to create 3 smaller lots to be used for the construction of 3 new single-family dwellings located at 450, 452, & 454 Sweetbrier Street in the City of Pittsburgh, Allegheny County.
Sewage Flow:	800 GPD
Conveyance:	The flow from this site will be conveyed to the Pittsburgh Water & Sewer Authority (PWSA) collection system to ALCOSAN POC S-40 to the Saw Mill Run 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.



KAREN HACKER, MD, MPH, 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.ACHD.NET



Jeffrey R. Paul, President  
March 13, 2020  
Page 2

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

A handwritten signature in blue ink that reads "Freddie Fields". The signature is written in a cursive, flowing style.

Freddie Fields, M.B.A.  
Environmental Health Engineer III  
Water Pollution Control & Solid Waste Management

FF/cb  
Enclosure

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

## 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

POMO Sweetbrier Plan of Lots No. 3

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

1. Date plan received by county or joint county health department March 12, 2020

Agency name Allegheny County Health Department (ACHD)

2. Date review completed by agency March 13, 2020

### 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 Fields

Title: Environmental Health Engineer III

Signature: 

Date: March 13, 2020

Name of County Health Department: ACHD

Address: 3901 Penn Avenue, Building #5, Pittsburgh, PA 15224-1318

Telephone 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.



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

---

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

---

### Background

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

### Who Should Complete the Component?

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

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

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

---

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

---

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

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

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

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

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

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

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

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

May 4, 2020

Dave Kalina  
Liadis Engineering & Surveying, Inc.  
3100 Banksville Road  
Pittsburgh, PA 15216

Subject: Water and Sewer (W/S) Use Approval  
Project Name: 20013.40 450-454 Sweetbriar Street  
PWSA Project No.: 20013.40

Dear Mr. Kalina:

Pursuant to your request, we have reviewed the W/S Use Application (Application) for the aforementioned Project. This letter shall serve as confirmation that the Application has been approved. Please see below for the approved flows:

Type of Flow	Sanitary, gpd	Water, gpd	Storm, cfs
<i>Project Flow</i>	1200	1200	1.11
<i>Existing Flow</i>	400	400	0.72
<i>Net Flow</i>	800	800	

Please be advised that the need for sewage planning shall be determined by the Department of Environmental Protection (DEP). After issuance of this letter, the PWSA shall email the Preliminary Determination on the Need for Sewage Planning Letter to the DEP. Typically, the DEP will respond via email with the 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.

Our review was based on information provided by the Applicant 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 II

Enclosure(s)

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



May 4, 2020

Mr. Thomas Flanagan  
PA Department of Environmental Protection  
Clean Water Program  
400 Waterfront Drive  
Pittsburgh, PA 15222

Subject: Tap Allocation Authorization Letter

Dear Mr. Flanagan:

Please be advised that the Pittsburgh Water and Sewer Authority (PWSA) authorizes the tap allocations associated with the following Project:

Project Name: 20013.40 450-454 Sweetbriar Street

Project Address: 450 – 454 Sweetbriar Street  
Pittsburgh, PA 15211

Proposed Flow, gpd: 800

EDU's, 400gpd/EDU: 2

Our review is 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 II

cc: Barry King, P.E. – PWSA (via email)  
Kate Mechler, P.E. – PWSA (via email)  
Robert Herring, P.E. – PWSA (via email)  
Dave Kalina – Applicant (via email)  
Regis Ryan – DEP (via email)  
eBuilder – Filing System (via email)



## Water and Sewer (W/S) 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  Application Form  Narrative  
 Flow Calculations  Site Plan  Floor Plan

*Project Info* Project Name: Pomo Sweetbriar Plan of Lots No. 3  
Address: 450, 452, and 454 Sweetbriar Street  
Pittsburgh, Pennsylvania 15211

Is the Project located on a lot created prior to May 15, 1972?  YES  NO  
*Owner/Developer* Name: Pomo Development Inc., Jeffrey Paul  
Address: 306 Curry Hollow Road  
Pleasant Hills, PA 15236


Email: jjpcu@hotmail.com  
Phone Number: 412-901-0326

*Consultant* Firm Name: Liadis Engineering and Surveying  
Address: 3100 Banksville Road  
Pittsburgh, Pennsylvania 15216  
Contact Name: Dave Kalina  
Email: dave@liadisengineering.com  
Phone Number: \_\_\_\_\_

*Flow Data*

Type of Flow	Sanitary, gpd	Water, gpd	Storm, cfs
Project Flow	1200	1200	1.11
Existing Flow	400	400	0.72
Net Flow	800	800	Not Required

*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: David Kalina, P.L.S.  
Signature:   
Date: March 25, 2020



# WATER AND SEWER AVAILABILITY LETTER REQUEST

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

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

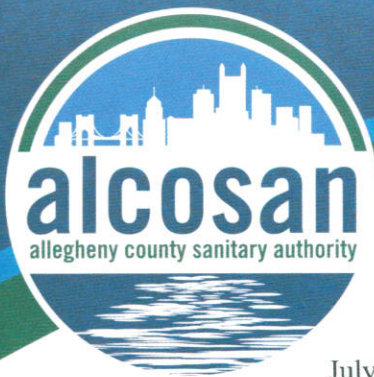
1. New water and/or sewer tap(s) for all approved/recorded subdivisions.
2. Change of Use and/or increase in water and/or sewer flows for residential development(s), commercial, industrial and institutional developments (i.e. total project sanitary flow is greater than 799 gallons per day).
3. New water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

Please email the completed form to: [permitinfo@pgh2o.com](mailto:permitinfo@pgh2o.com)

<b>Information to be submitted by the Applicant:</b>	
Property Owner Name:	Pomo Development, INC.
Address of Property:	450, 452, and 454 Sweetbriar Street, PGH, PA 15211
Proposed Use of Site:	3 unit single family Development
Closest street intersection to the property:	Lupton Street
<b>Requester Information</b>	
Name:	Jeffrey Paul
Date of Request:	3.24.2020
Address:	306 Curry Hollow Road, Pleasant Hills, PA 15236
Phone Number:	412-901-0326
Email Address:	jjpcu@hotmail.com
Preferred Method of Delivery:	<input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail
<b>PWSA Use Only:</b>	
PWSA Water Service Available	<input type="checkbox"/> Yes <input type="checkbox"/> No    Size / Location: _____
PWSA Sewer Service Available:	<input type="checkbox"/> Yes <input type="checkbox"/> No    Size / Location: _____
Applicant must contact separate agency for water and/or sewer service:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Name of separate agency:	_____
PWSA Approval:	Signature and Date _____
	Name (printed) _____
	Title _____

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





July 24, 2020

**Members of the Board**

- Corey O'Connor  
*Chair Person*
- Rep. Harry Readshaw
- Sylvia C. Wilson
- Shannah Tharp-Gilliam, Ph.D.
- Jack Shea
- John Weinstein
- Brenda L. Smith
  
- Arletta Scott Williams  
*Executive Director*
- William H. Inks, CPA  
*Director  
Finance & Administration*
- Jan M. Oliver  
*Director  
Regional Conveyance*
- Douglas A. Jackson, P.E.  
*Director  
Operations & Maintenance*
- Kimberly N. Kennedy, P.E.  
*Director  
Engineering & Construction*
- Michelle M. Buys, P.E.  
*Director  
Environmental Compliance*
- Jeanne K. Clark  
*Director  
Governmental Affairs*
- Joseph Vallarian  
*Director  
Communications*

David Kalina  
Project Manager  
Liadis Engineering and Surveying  
3100 Banksville Road  
Pittsburgh, Pennsylvania 15216

**Re: POMO Sweetbriar Development, City of Pittsburgh  
PA DEP Sewage Facilities Planning Module Component 3  
ALCOSAN Regulator Structure S-40-00**

Dear Mr. Kalina:

We have reviewed the Component 3 Planning Module for the referenced project to be located in the City of Pittsburgh. The project will generate an estimated flow of 800 GPD in the ALCOSAN Saw Mill Run Interceptor and Treatment Plant.

The capacity at the ALCOSAN Regulator S-40 is approximately 1.98 MGD. The monitored peak dry weather flow is approximately 0.35 MGD. Dry weather capacity exists for this connection. However, the ALCOSAN Saw Mill Run Interceptor and the 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 412-732-8004.

Sincerely,

**ALLEGHENY COUNTY SANITARY AUTHORITY**

Michael D. Lichte, P.E.  
Manager of Planning

**Attachment**

- cc: Tina Dean (w/o attachment)
- Dan Thornton (w/o attachment)
- Shawn McWilliams (w/o attachment)
- Barry King/ PWSA (w/o attachment)
- T. Flanagan/ PaDEP (w/o attachment)
- Fred Fields, ACHD (w/o attachment)

July 14, 2020

David Kalina  
Liadis Engineering  
3100 Banksville Road  
Pittsburgh, PA 15216

Subject: Sewage Facilities Planning Module (SFPM)  
Approval Letter for Collection System Flows  
Project Name: 20013.40 Sweetbriar Street  
PWSA Project No.: 20013.40

Dear Mr. Kalina:

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 originally 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 II

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)  
Michael Lichte, P.E. – ALCOSAN (via email)  
Leslie Stevens – City of Pittsburgh Law Department (via email)  
eBuilder – Filing System (via email)

**To:** Barry King, P.E. - Director of Engineering and Construction

**From:** Benjamin Grunauer

**Date:** July 14, 2020

**Subject:** Department of Environmental Protection (DEP) - Sewage Facilities  
Planning Module (SFPM)

Chapter 94 Consistency Determination

Project Name: 20013.40 450 - 454 Sweetbriar Street

Project Address: 450-454 Sweetbriar Street

PWSA Project Number: 20013.40

Dear Barry,

The Pittsburgh Water and Sewer Authority (PWSA) received a SFPM application for the aforementioned Project. In accordance with Title 25 of the Pennsylvania Code, the PWSA is required to prepare an annual Wasteload Management Report on the collection and conveyance of wastewater relative to available capacity. Our review of the SFPM was conducted to understand how the Project will impact available dry-weather capacity and whether the proposed flows will contribute to a dry-weather hydraulic overload within the next five (5) years. Please note that a dry-weather hydraulic overload shall require both the denial of the SFPM and the submission of a Corrective Action Plan to the DEP.

We have determined that the Project will not contribute to a dry-weather hydraulic overload within the next five years. Please refer to the enclosed hydraulic calculations for additional information. Upon your approval, please sign and return the enclosed "Section J - Chapter 94 Consistency Determination" page from 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.

Yours truly,

*Ben Grunauer*

Benjamin Grunauer, E.I.T.  
Engineer II

Enclosures

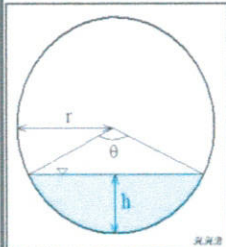
cc: e-Builder – Filing System

**Sewage Facilities Planning Module**  
**Chapter 94 Consistency Determination**  
**Hydraulic Calculations Spreadsheet for Peak Present Flow Measurements**

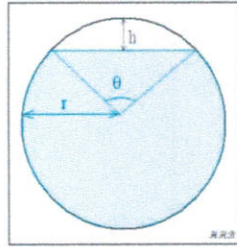
**PROJECT NAME:** 20013.40 450-454 Sweetbriar Street  
**PWSA PROJECT NUMBER:** 20013.4  
**PWSA REVIEWER:** Benjamin Grunauer, E.I.T.  
**DATE:** July 14, 2020

**LEGEND:** Input Data Output Data

**Section A: Manning Equation for Partially Filled Pipes**



Partially Full Pipe Flow Parameters  
(Less Than Half Full)



Partially Full Pipe Flow Parameters  
(More Than Half Full)

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

$$Q = \left(\frac{1.49}{n}\right) \times A \times R^{2/3} \times S^{1/2} \qquad R = \frac{A}{P} \qquad \theta = 2 \times \cos^{-1} \left(\frac{r-h}{r}\right)$$

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

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

**Section B: Data for Calculations**

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

Proposed Project Flows		
Variable	Value	Units
Q <sub>p</sub>	1,200	gpd

Variable	Value	Units
Material	VCP	
n	0.015	unitless
S	0.023	ft/ft
h	0.083	ft
D	2.50	ft
P.F.	3.5	unitless

**Section C: Calculations for Design and/or Permitted Capacities**

Variable	Description	Definition
Q <sub>d, avg</sub>	Design Capacity, Average	= full pipe flow conditions / peaking factor
Q <sub>d, peak</sub>	Design Capacity, Peak	full pipe flow conditions



Design Capacity, Average		
Variable	Value	Unit
Q <sub>d, avg</sub>	9,982,201	gpd

Design Capacity, Peak		
Variable	Value	Unit
D	2.500	ft
r	1.250	ft
A	4.909	ft <sup>2</sup>
P	7.854	ft
R	0.625	ft
Q <sub>d, peak</sub>	54	cfs
Q <sub>d, peak</sub>	34,937,702	gpd

#### Section D: Calculations for Present Flows

Variable	Description	Definition
Q <sub>ex, avg</sub>	Present Flows, Average	= Q <sub>ex, peak</sub> / P.F.
Q <sub>ex, peak</sub>	Present Flows, Peak	existing flow conditions per site investigations

Present Flows, Average		
Variable	Value	Unit
Q <sub>ex, avg</sub>	20,122	gpd

Present Flows, Peak		
Variable	Value	Unit
D	2.500	ft
r	1.250	ft
θ	0.73	rad
h/D	0.033333333	ft/ft
A	0.05	ft <sup>2</sup>
P	0.92	ft
R	0.055	ft
Q <sub>ex, peak</sub>	0	cfs
Q <sub>ex, peak</sub>	70,428	gpd

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

Variable	Description	Definition
Q <sub>proj, avg</sub>	Projected Flows in Five (5) Years, Average	= Q <sub>proj, peak</sub> ÷ P.F.
Q <sub>proj, peak</sub>	Projected Flows in Five (5) Years, Peak	= (Q <sub>ex, peak</sub> + Q <sub>p</sub> ) x 1.05

Projected Flow Calculations		
Variable	Value	Unit
Q <sub>proj, avg</sub>	21,488	gpd
Q <sub>proj, peak</sub>	75,209	gpd

#### Section F: Compare Results with Applicant's Submission

Variable	PWSA, gpd	Applicant, gpd	Difference, gpd	Difference, %
Q <sub>d, avg</sub>	9,982,201	9,959,163	23,038	0%
Q <sub>d, peak</sub>	34,937,702	34,857,071	80,631	0%
Q <sub>ex, avg</sub>	20,122	20,073	49	0%
Q <sub>ex, peak</sub>	70,428	70,255	173	0%
Q <sub>proj, avg</sub>	21,488	21,316	172	1%
Q <sub>proj, peak</sub>	75,209	74,608	601	1%

**THE ALLEGHENY COUNTY SANITARY AUTHORITY REGIONAL  
CONVEYANCE DIVISION**

S-40

**Attachment A**

**Administrative Checklist for ALCOSAN Planning Review**

The following is a list of items that are to be completed or included with the submittal for ALCOSAN planning review. Failure to provide all of the requested information will result in the rejection and return of the planning package.

Applicant Name:		POMO Development	
Name of Land Development and Address:		450 452 454 Sweetbriar St.	
		City of Pittsburgh	
Applicant Phone Number:			
			Check if Incomplete
	Full Size Utility Drawing(s) Showing Location(s) of Sanitary Sewer Tap-In		
	USGS Site Location Map		
	Insufficient Information About Proposed Sewers and Existing Sewers to be Abandoned		
DEP Component 3 Sewage Planning Module Sections			
	Sections A through F – Completely Filled Out		
	Section J – Projected Flows w/ Completed Table and Municipal Signatures		x
	Section Q – Signed False Swearing Statement		

*Denise Maullaro*  
Reviewer Signature

7/15/20  
Date

ATTACHED

LICHT  
ALCOSAN  
PWSA