

**COMPONENT 3 SEWAGE FACILITIES
PLANNING MODULE PACKAGE**

**2330 PENN AVENUE CONDOMINIUMS
CITY OF PITTSBURG
ALLEGHENY COUNTY**

Prepared by

** H.F. LENZ
COMPANY**

**1407 Scalp Avenue
Johnstown, Pennsylvania 15904**

*December 22, 2017
HFL File No. 2017-0323.01*

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DEP Code No. _____

RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (COMMISSIONERS) (COUNCILMEN) of 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 Springway LLC has proposed the development of a parcel of land identified as
land developer

2330 Penn Avenue Condominiums, 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 _____

Form



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

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

Code No.

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

DEP USE ONLY

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

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

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

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

A. PROJECT INFORMATION (See Section A of instructions)

1. Project Name 2330 Penn Avneue Condominium Development

2. Brief Project Description The owner/developer of a parcel located at 2330 Penn Avneue is plan to renvonvate and concrete the existing building to 18 condominium units. the existing building contains and exisjting warehouse and 4 residential units.

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

Municipality Name	County	City	Boro	Twp
City of Pittsburgh	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Sbranti <u>Robinson</u>	<u>Joe George</u>			
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
414 Grant Street <u>1200 Penn Avenue</u>				
Address Last Line -- City	State	ZIP+4		
Pittsburgh	PA	15219-2453 <u>15222</u>		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-2200				

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

2330 Condominium Development

Site Location Line 1
2330 Penn Avenue

Site Location Line 2

Site Location Last Line -- City Pittsburgh	State PA	ZIP+4 15212 15222	Latitude 40.45305	Longitude -79.98055
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Detailed Written Directions to Site Site is located at the intersection of Penn Avenue and 24th Strret

Description of Site Building

Site Contact (Developer/Owner)

Last Name Clement	First Name Bryan	MI	Suffix	Phone 814-322-8735	Ext.
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Site Contact Title Site Contact Firm (if none, leave blank)

Project Engineer H.F. Lenz Company

FAX Email

Mailing Address Line 1

1407 Scalp Avenue

Mailing Address Line 2

Mailing Address Last Line -- City

Johnstown

State

PA

ZIP+4

15904

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

Last Name Clement	First Name Bryan	MI	Suffix J
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Title Consulting Firm Name

Project Engineer H.F. Lenz Company

Mailing Address Line 1

1407 Scalp Avenue

Mailing Address Line 2

Address Last Line -- City

Johnstown

State

PA

ZIP+4

15904

Country

Email

bcclement@hflenz.com

Area Code + Phone

814-269-9300

Ext.

310

Area Code + FAX

E. AVAILABILITY OF DRINKING WATER SUPPLY

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

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

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

Name of water company: Pittsburgh Water and Sewer Authority

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 18

Connections _____

Name of:

existing collection or conveyance system _____

owner PWSA

existing interceptor _____

owner ALCOSAN

2. WASTEWATER TREATMENT FACILITY

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

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

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

Name of existing facility ALCOSAN

NPDES Permit Number for existing facility PA025984

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude 40°28'34" Longitude 80°21'44"

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 Michael D. Lebate

Agent Signature [Signature] Date 12/6/2017

(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, 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, 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 5200 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	581571	2035495	7200	25200	7560	26460
Conveyance		5.13	0.19	0.22	0.19	0.22
Treatment		250 mgd	194.8 mgd	250 mgd	194.8 mgd	250 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. YES NO This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system?

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

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

b. Collection System

Name of Agency, Authority, Municipality Pittsburgh Water and Sewer Authority
 Name of Responsible Agent Bruce Robinson II
 Agent Signature [Signature] Date 10/26/17

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

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAN
Name of Responsible Agent Michael D. Ledate
Agent Signature [Signature]
Date 12/6/17

4. Treatment Facility

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

YES NO

- a. YES NO This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility?

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

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

b. Name of Agency, Authority, Municipality ALCOSAN
Name of Responsible Agent Michael D. Ledate
Agent Signature [Signature]
Date 12/6/17

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

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

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

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

L. PERMEABILITY TESTING (See Section L of instructions)

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

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

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

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

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

O. SEWAGE MANAGEMENT (See Section O of instructions)

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

Yes No

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

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

2. Project Flows _____ gpd

Yes No

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

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

(For completion by non-municipal facility agent)

4. Collection and Conveyance Facilities

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

Yes No

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

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

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

- b. Collection System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

- c. Conveyance System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

5. Treatment Facility

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

Yes No

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

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

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

- b. Name of Facility _____
Name of Responsible Agent _____
Agent Signature _____
Date _____

(For completion by the municipality)

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

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

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

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

Yes No

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

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

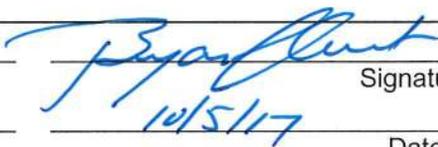
- 9. Does the project involve the use of large volume onlot sewage disposal systems (Flow > 10,000 gpd)?
- 10. Does the project require resolution of a conflict between the proposed alternative and consistency requirements contained in §71.21(a)(5)(i), (ii), (iii)?
- 11. Will sewage facilities discharge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

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

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

H.F. Lenz Company - Bryan J. Clement, P.E.

Name (Print)



Signature

Project Engineer

Title

10/5/17

Date

1407 Scalp Avenue Johnstown, PA 15904

Address

814-269-9300

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

County Recorder of Deeds for _____ County, Pennsylvania

Deed Volume _____ Book Number _____

Page Number _____ Date Recorded _____

R. REVIEW FEE (continued)

Formula:

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

$$\# \text{ _____ Lots (or EDUs) X } \$50.00 = \$ \text{ _____}$$

The fee is based upon:

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

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

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

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

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

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)



INSTRUCTIONS FOR COMPLETING COMPONENT 4A MUNICIPAL PLANNING AGENCY REVIEW

Remove and recycle these instructions prior to mailing component to the approving agency (DEP or delegated local 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 or agencies 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 (DEP 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, 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 it deems necessary, as described in the form. Attach additional sheets, if necessary.



**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 existing local municipal planning agency for their comments.

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

Project Name

2330 Penn Avenue

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

1. Date plan received by municipal planning agency. 7-5-17

2. Date review completed by agency. 7-6-17

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?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Will any known historical or archaeological resources be impacted by this project?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Will any known endangered or threatened species of plant or animal be impacted by this project?
If yes, describe impacts _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8. Is there a municipal zoning ordinance? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies <u>in review</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance? |
| <input type="checkbox"/> | <input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	13. Is this proposal consistent with the ordinance? If no, describe the inconsistencies <u>in review</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. Is this plan consistent with the municipal Act 537 Official Sewage Facilities Plan? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? If yes, describe _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?
<input type="checkbox"/>	<input type="checkbox"/>	If yes, is the proposed waiver consistent with applicable ordinances?
17. Name, title and signature of planning agency staff member completing this section:		
Name: <u>Joshua Lippert</u>		
Title: <u>Senior Environmental Planner</u>		
Signature: _____ 		
Date: <u>7-6-17</u>		
Name of Municipal Planning Agency: <u>City of Pittsburgh</u>		
Address <u>200 Ross Street Pittsburgh, PA 15219</u>		
Telephone Number: <u>412-255-2200</u>		

Digitally signed by Joshua Lippert
DN: cn=Joshua Lippert, o=City of Pittsburgh, ou=Department
of City Planning, email=joshua.lippert@pittsburghpa.gov,
c=US
Date: 2017.07.06 07:36:34 -04'00'

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 desired, 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 project sponsor.



**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

2330 Penn Avenue Condominium Development - City of Pittsburgh

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

1. Date plan received by county or joint-county health department. July 5, 2017

Agency name Allegheny County Health Department (ACHD)

2. Date review completed by agency July 18, 2017

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 waste water disposal needs in the area adjacent to the new land development that should be considered by the municipality?

If yes, describe _____

3. Is there any known groundwater degradation in the area of the proposed subdivision?

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: Deborah Williamson, PE

Title: Environmental Health Engineer III

Signature:

Date: July 18, 2017

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.

The owner/developer of an existing parcel located at 2330 Penn Avenue is proposing the conversion of the existing structure from the current use to a residential development. The existing facility consists of a former warehouse space along with a four (4) unit residential dwelling. The existing warehouse space is approximately 4,800 square feet with the existing residential dwelling containing approximately 4,000 square feet which equates to a total square footage of approximately 8,800 square of development.

When complete, the project will include a total of 18 residential units which will be an increase of 14 residential units from the existing condition. Each unit will contain two (2) bedrooms with a total square footage ranging from 1,700 square feet to 4,500 square feet.

Anticipated water usage and sanitary flows were calculated in accordance with the PWSA Procedures Manual for Developers, revised April 2015 as indicated below.

Existing:

Warehouse Space - The number of employees on the peak shift is not known. As result, it is difficult to calculate the sewage flow based on Table 2-1 of the PWSA Developer's manual. However, there was one restroom in the space. As a result, it is proposed that the existing flow from the warehouse space is 400 gallons per day(GPD).

Residential Dwelling - 4 units @ 400 GPD = 1,600 GPD

Warehouse Space	400 GPD
Residential Dwelling	<u>1,600 GPD</u>
	2,000 GPD

Proposed:

18 condominium units at 400 GPD = 7,200 GPD

Net Increase in Project Sewage Flow

	-2,000 GPD (existing)
	<u>7,200 GPD (proposed)</u>
Total	5,200 GPD Increase

The building is serviced by an existing water lateral located in 24th Street. It is anticipated that a new water tap will be required.

There we be no increase in storm water runoff from due to the proposed work. The existing stormwater flows are as follows:

Runoff Coefficient (C) 0.95

Rainfall Intensity (I)

Area (A) 0.2 Acres

Runoff (Q) = CIA

$$= 0.95(7.13)(.2)$$

$$Q = 1.35 \text{ cfs}$$



H.F. LENZ
COMPANY

ALTERNATIVE NARRATIVE

2330 PENN AVENUE CONDOMINIUM DEVELOPMENT

Sanitary sewage from the existing and proposed building expansion will be conveyed to the existing sanitary sewer located within 24th Street where it will continue to utilize the existing lateral connected to the existing main, if possible. Upon completion of the building expansion, the proposed renovations will generate an increase of 5,200 gpd or 18 (17.33) EDU's. Refer to the Project Narrative. This disposal method is the ultimate method which will serve the development beyond a five-year period.

The only potential alternative sewage disposal method for the proposed development would be the construction of an on-lot sewage system. This alternative was not feasible due to the small lot size for the project.

File 2017-0323.01
cc BSC

COUNTY OF



ALLEGHENY

RICH FITZGERALD
COUNTY EXECUTIVE

RECEIVED

JUL 21 '17

H.F. LENZ CO.

July 18, 2017

Mr. Bryan J. Clement PE
H. F. Lenz Company
1407 Scalp Avenue
Johnstown, PA 15904

**RE: SEWAGE FACILITIES PLANNING MODULE
2330 PENN AVENUE CONDOMINIUM
DEVELOPMENT
CITY OF PITTSBURGH**

Dear Mr. Clement,

Enclosed is a signed copy of Component 4C, County or Joint County Health Department Review, for the above-referenced development located at 2330 Penn Avenue. This Planning Module Component was received on July 5, 2017. The project proposes the following:

Project Description:	Renovation of an existing building into 18 condominium units
Sewage Flow:	Net increase of 5,200 GPD
Conveyance:	PWSA collection system to POC A-18 and the Allegheny River interceptor
Sewer's Owner:	PWSA and ALCOSAN
Name of Sewage Treatment Plant:	ALCOSAN

Please be advised that a permit must be obtained from the Allegheny County Health Department's (ACHD) Plumbing Section prior to commencing any plumbing work for the proposed project. Plumbing work for which an ACHD Plumbing Permit must be obtained includes any plumbing work done on the site and any sewers, which will not be owned and operated by a municipality or a sewer authority. In addition, it should be noted that the approval of this sewage facilities planning module does not include approval of pipe size and/or type. Approval for pipe size and/or type must be obtained by filing a specific plumbing plan with the ACHD's Plumbing Section. If you should have any questions relative to ACHD's plumbing requirements, please contact Andrew Grese, Plumbing Program Manager at 412-578-7934.

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

Sincerely,

Deborah Williamson, PE
Environmental Health Engineer III

Enclosure

cc: Thomas Flanagan, PA Department of Environmental Protection w/attachment
Andrew Grese, ACHD w/attachment



KAREN HACKER, MD, MPH, DIRECTOR
ALLEGHENY COUNTY HEALTH DEPARTMENT

PUBLIC DRINKING WATER AND WASTE MANAGEMENT PROGRAM
3901 PENN AVENUE • BUILDING 5 • PITTSBURGH, PA 15224-1318
PHONE: 412.578.8040 • FAX: 412.578.8053 • WWW.ACHD.NET

SEWER PLANNING MODULE DRY WEATHER FLOW CALCULATIONS

**2700 MURRAY AVENUE
CONDOMINIUM DEVELOPMENT
CITY OF PITTSBURGH, ALLEGHENY COUNTY**

Prepared by
** H.F. LENZ
COMPANY**
**1407 Scalp Avenue
Johnstown, Pennsylvania 15904**

*October 3, 2017
Revised: December 15, 2017
HFL File No. 2017-0456.01*

Preliminary Sewage Flows

Anticipated water usage and sanitary flows were calculated in accordance with the Pittsburgh Water and Sewer Authority (PWSA) Procedures Manual for Developers, revised April 2015 as indicated below:

I. HISTORICAL OFFICE USAGE

Use	S.F.	GPD	Total GPD
Dry Cleaner	3,700	400	400
Funeral Home			
520 GPD Per parlor Assume 3 parlors			<u>1,560</u>
			1,960 GPD (Existing)

II. PROPOSED USAGE

Floor	1 Bedroom	2 Bedrooms	3 Bedroom
2th	1	5	1
3th	1	6	1
4th	1	6	1
5th	1	6	1
6th	0	5	1
Total	4	28	5

Residential Type	Number	GPD	Total GPD
1 Bedroom	4	150	600
2 Bedrooms	28	300	8,400
3 Bedroom	5	400	<u>2,000</u>
Total			11,000 GPD (Proposed)

III. NET FLOW

Existing	1,960
Proposed	<u>11,000</u>
	9,040 GPD (Increase)

* All flows based on PWSA Developer's Manual, dated April 2015

The building will be served by the existing water main in Murray Avenue. It is anticipated that a new water tap will be required.

There will be no increase in storm water runoff from due to the proposed work. The existing stormwater flows are as follows:



Runoff Coefficient (C) 0.95
Rainfall Intensity (I)
Area (A) 0.36 Acres
Runoff (Q) = CIA
= 0.95(7.13)(.36)
Q = 2.43 cfs

It is anticipated the new storm and sanitary sewer laterals will extend from the building and will connect to the existing sewer main in Murray Avenue.

2700 Murray Ave. Condominium Development

		CALCULATED							
Depth (ft)	Q (cfs)	Q (GPD)	Area (sqft)	Veloc (ft/s)	Wp (ft)	Yc (ft)	TopWidth (ft)	Energy (ft)	
0.13	0.36	231982.21	0.06	5.59	0.81	0.24	0.75	0.61	
0.25	1.51	975746.90	0.18	8.58	1.16	0.49	1.00	1.39	
0.38	3.35	2163444.12	0.31	10.80	1.45	0.74	1.15	2.19	
0.50	5.76	3720115.83	0.46	12.55	1.71	0.97	1.22	2.95	
0.63	8.59	5552710.67	0.62	13.93	1.97	1.15	1.25	3.64	
0.75	11.51	7437646.90	0.77	14.92	2.22	1.21	1.22	4.21	
0.88	14.32	9253440.80	0.92	15.58	2.48	1.24	1.14	4.65	
1.00	16.69	10784911.10	1.05	15.85	2.77	1.25	1.00	4.91	
1.13	18.19	11754196.10	1.16	15.63	3.13	1.25	0.75	4.92	PEAK FLOW
1.25	17.06	11024001.40	1.23	13.91	3.93	1.25	0.00	4.26	

a. Design and/or Permitted Capacity (GPD)

The Designed flow data was calculated with Manning's Equation as shown the table above utilizing the pipe slope, material, size and inverts. The inverts were found from site survey data. The minimum slope for the 15 inch pipe was calculated at 5.0%.

b. Present Flows (gpd)

The present flows were calculated using PWSA's Developer's Manual, dated April 2015. The Peak flow was calculated using the existing site conditions which was determined to be 38,500 gallons per day (Average Flow: 11,000 GPD). To determine the Average flow the peak was divided by 3.5 for the combination system.

b. Projected Flows in 5 years (gpd)

The projected flows were calculated using the Peak Present flow and increased by 5% per PWSA. This was then added to the proposed increase of flow for the proposed project. Which is calculated in narrative section of the sewer module (Tab 6)

The information represented as the Dry Weather Flow Calculation has been preformed based on available information including field survey, record information and standard engineering practices and judgement.

	a. Design and/or Permitted Capacity (gpd)		b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd)	
	Average	Peak	Average	Peak	Average	Peak
Collection	3358342	11754196	11,000	38,500	11,550	40,425

Channel Report

2700 Murray Ave. Condominium

Circular

Diameter (ft) = 1.25

Invert Elev (ft) = 375.00

Slope (%) = 5.00

N-Value = 0.011

Calculations

Compute by: Q vs Depth

No. Increments = 10

Highlighted

Depth (ft) = 1.13

Q (cfs) = 18.19

Area (sqft) = 1.16

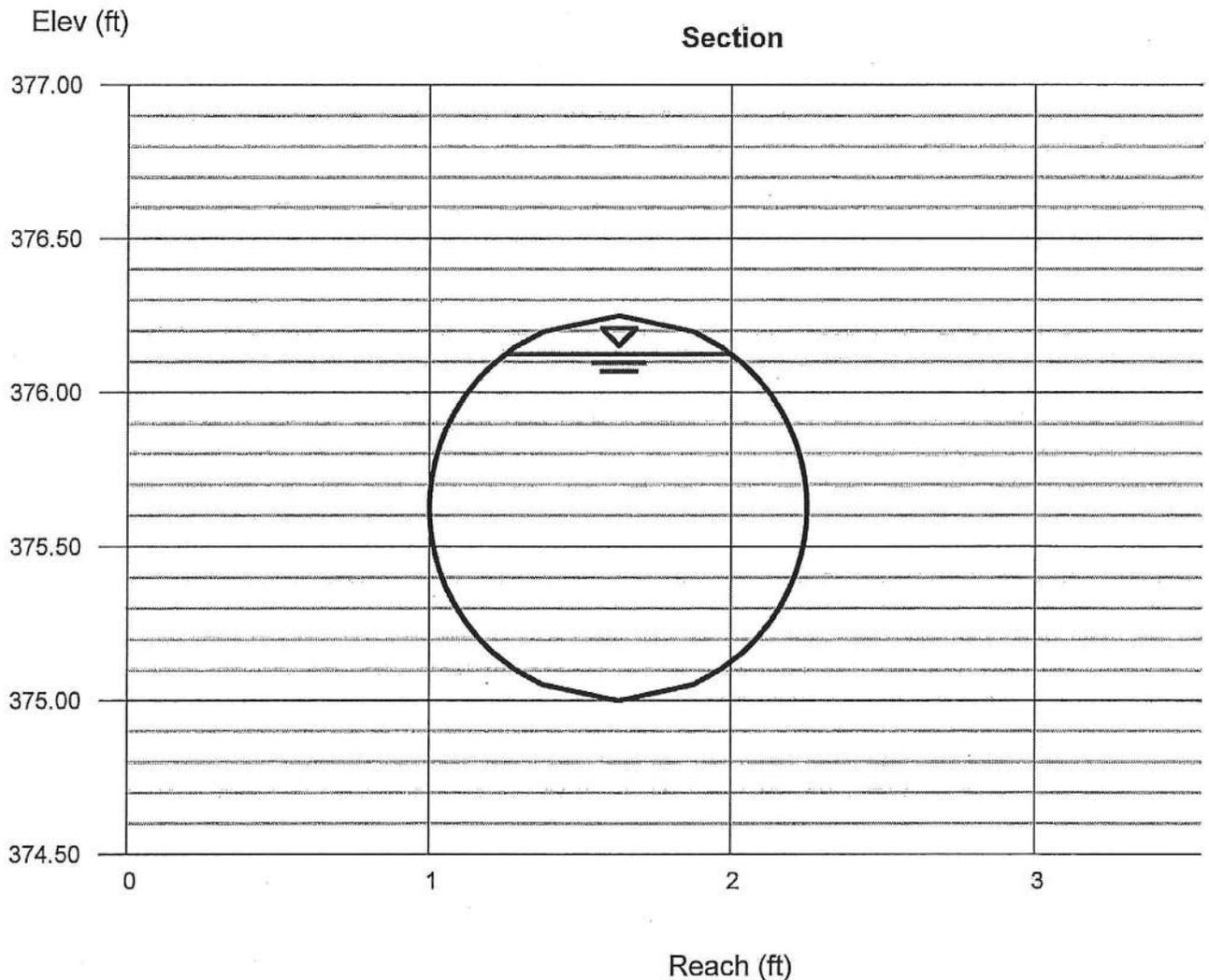
Velocity (ft/s) = 15.63

Wetted Perim (ft) = 3.13

Crit Depth, Y_c (ft) = 1.25

Top Width (ft) = 0.75

EGL (ft) = 4.92



Yc	TopWidth	Energy
(ft)	(ft)	(ft)
0.24	0.75	0.61
0.49	1.00	1.39
0.74	1.15	2.19
0.97	1.22	2.95
1.15	1.25	3.64
1.21	1.22	4.21
1.24	1.14	4.65
1.25	1.00	4.91
1.25	0.75	4.92
1.25	0.00	4.26

Depth	Q	Area	Veloc	Wp
(ft)	(cfs)	(sqft)	(ft/s)	(ft)
0.13	0.359	0.064	5.59	0.81
0.25	1.510	0.176	8.58	1.16
0.38	3.348	0.310	10.80	1.45
0.50	5.757	0.459	12.55	1.71
0.63	8.593	0.617	13.93	1.97
0.75	11.51	0.771	14.92	2.22
0.88	14.32	0.919	15.58	2.48
1.00	16.69	1.053	15.85	2.77
1.13	18.19	1.164	15.63	3.13
1.25	17.06	1.227	13.91	3.93

PIPE FLOW BASED ON CCTV (Completed 11/21/2017)

		CALCULATED							
Depth (ft)	Q (cfs)	Q (GPD)	Area (sqft)	Veloc (ft/s)	Wp (ft)	Yc (ft)	TopWidth (ft)	Energy (ft)	
Average Peak	0.22 *	1.12	725025.18	0.14	7.86	1.07	0.42	0.95	1.18
		3.92 **	2533064.80						

* - As Per CCTV (completed 11/29/2017)
 ** - With Peaking Factor of 3.5

PROJECTED ADDITIONAL FLOW FROM DEVELOPMENT	b. Present Flows (gpd)	
	Average	Peak
	11,000	38,500
	b. Present Flows (cfs)	
	0.02	0.06

Project Flow Including Additional Flow From Development

		CALCULATED	
		Q (cfs)	Q (GPD)
Existing Flow	Average	1.12	725025.18
	Peak	3.92	2533064.80
Proposed Site Flow	Average	0.02	12923.80
	Peak	0.06	38771.40
New Flow	Average	1.14	736656.60
	Peak	3.98	2571836.20

CAPACITY OF PIPE **Flow (GPD) 11754196.10** > **New Peak Flow therefor OK**

Channel Report

2700 MURRAY AVENUE

Circular

Diameter (ft) = 1.25

Invert Elev (ft) = 100.00

Slope (%) = 5.00

N-Value = 0.011

Calculations

Compute by: Q vs Depth

No. Increments = 29

Highlighted

Depth (ft) = 0.22

Q (cfs) = 1.122

Area (sqft) = 0.14

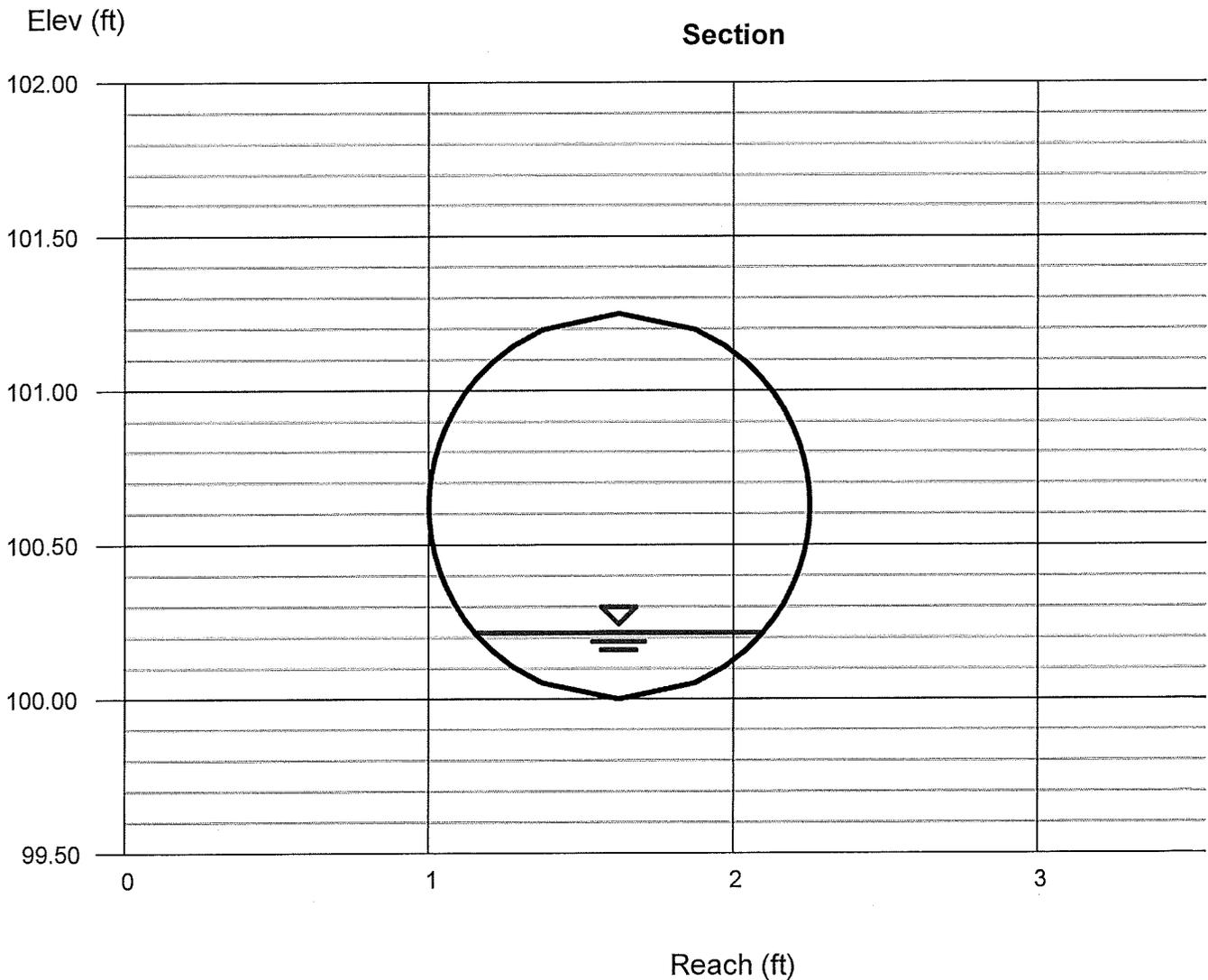
Velocity (ft/s) = 7.86

Wetted Perim (ft) = 1.07

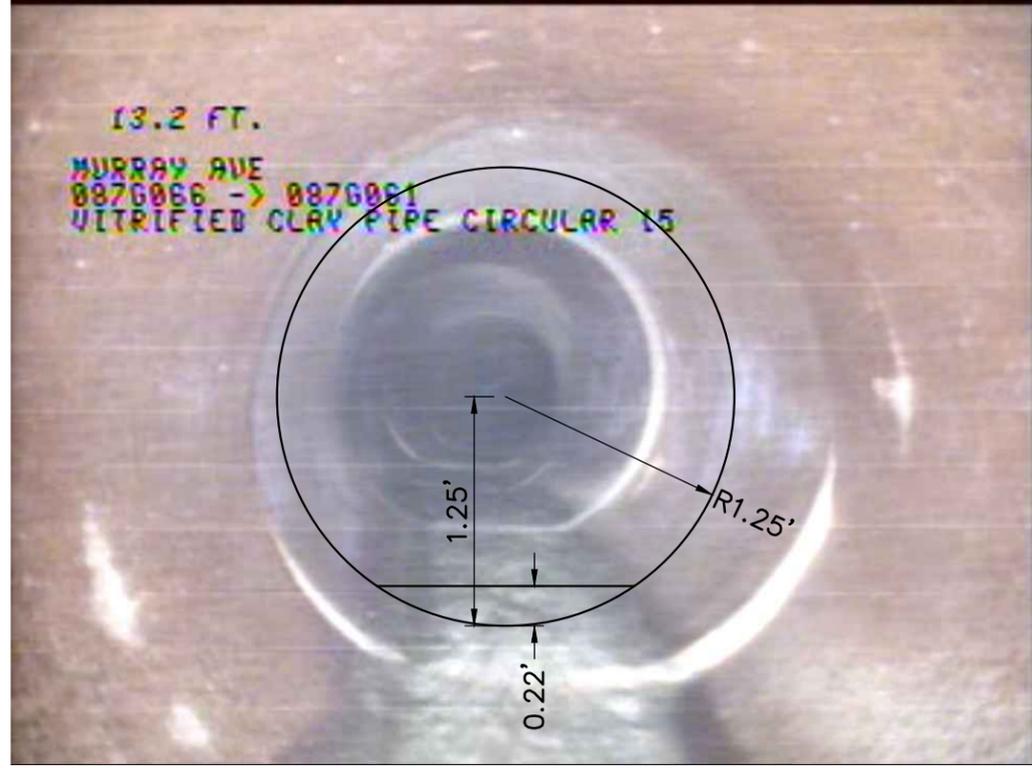
Crit Depth, Yc (ft) = 0.42

Top Width (ft) = 0.95

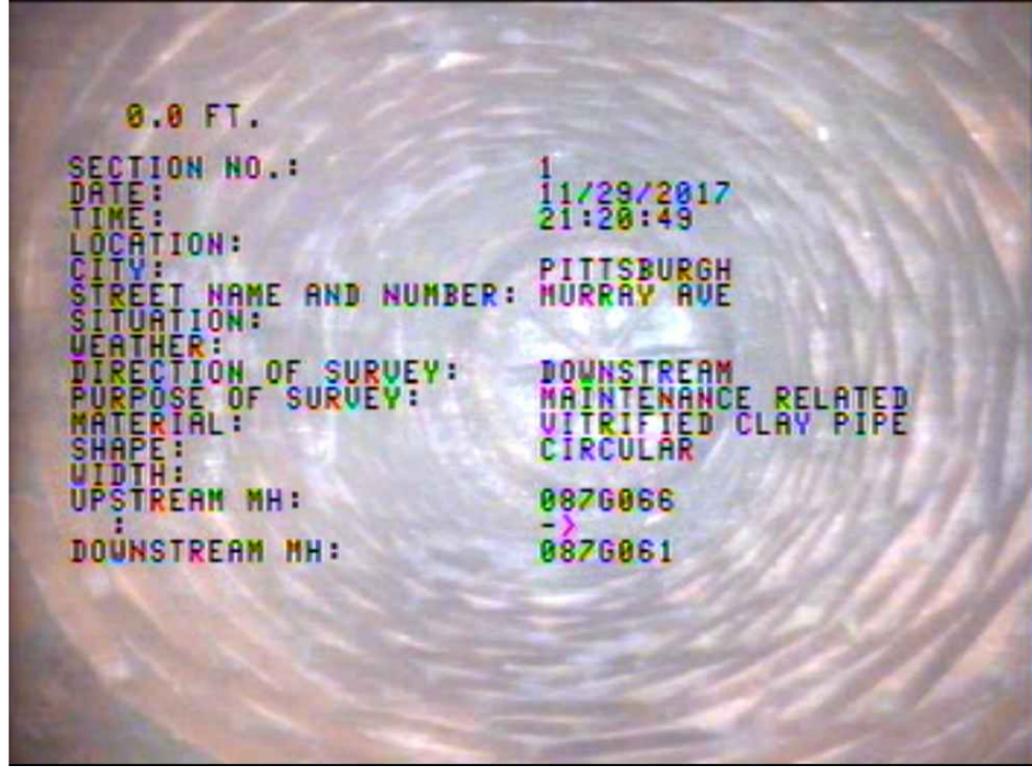
EGL (ft) = 1.18



A

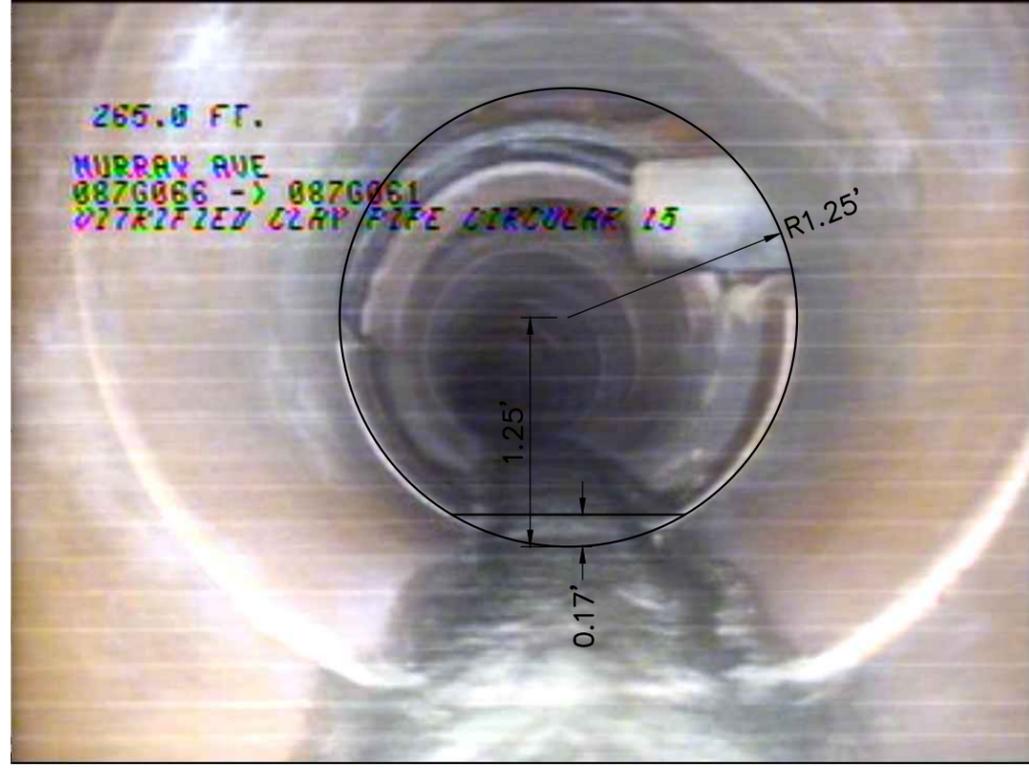


B

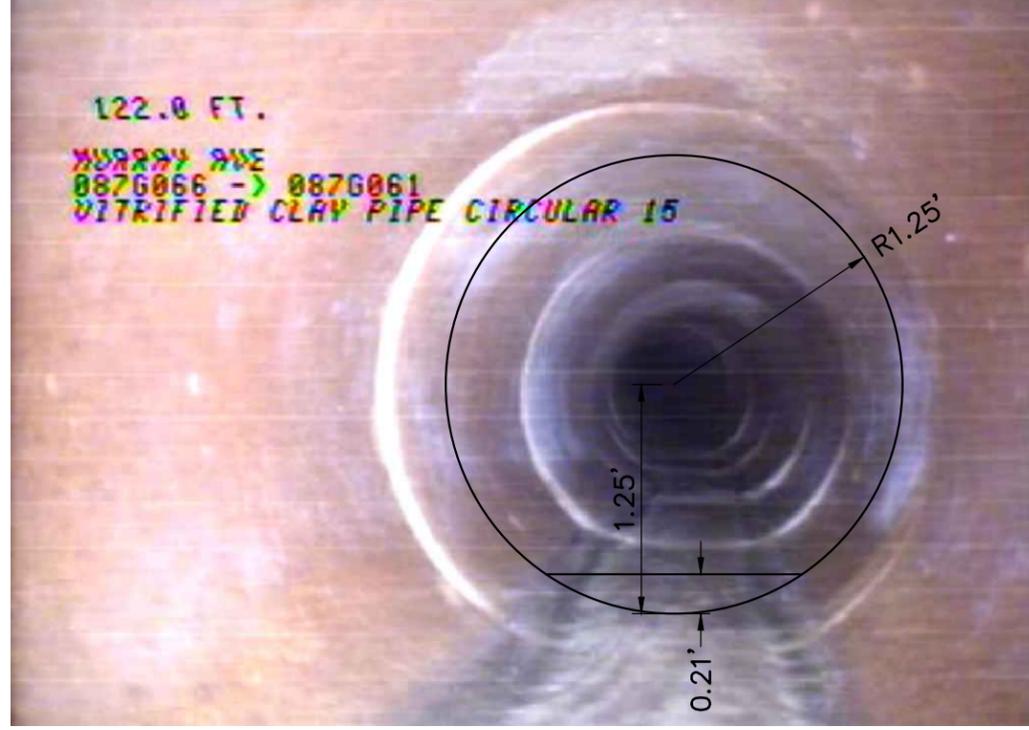


C

3



3



4

4

A

H.F. LENZ COMPANY
1407 Scalp Avenue Johnstown, PA 15904
Phone: 814-269-9300 FAX: 814-269-9301
www.hflenz.com

B

SHEET TITLE
SEWER FLOW - DRY WEATHER CONDITION

PROJECT
2700 MURRAY AVENUE

C

REF:
PROJ. NO: 2017-0465.01
DATE: 12/15/2017
FILE: SEWER.dwg
DRAWN BY: BRK
CHKD BY: BJC

DRAWING

SEWER-1

1. PROJECT INFORMATION

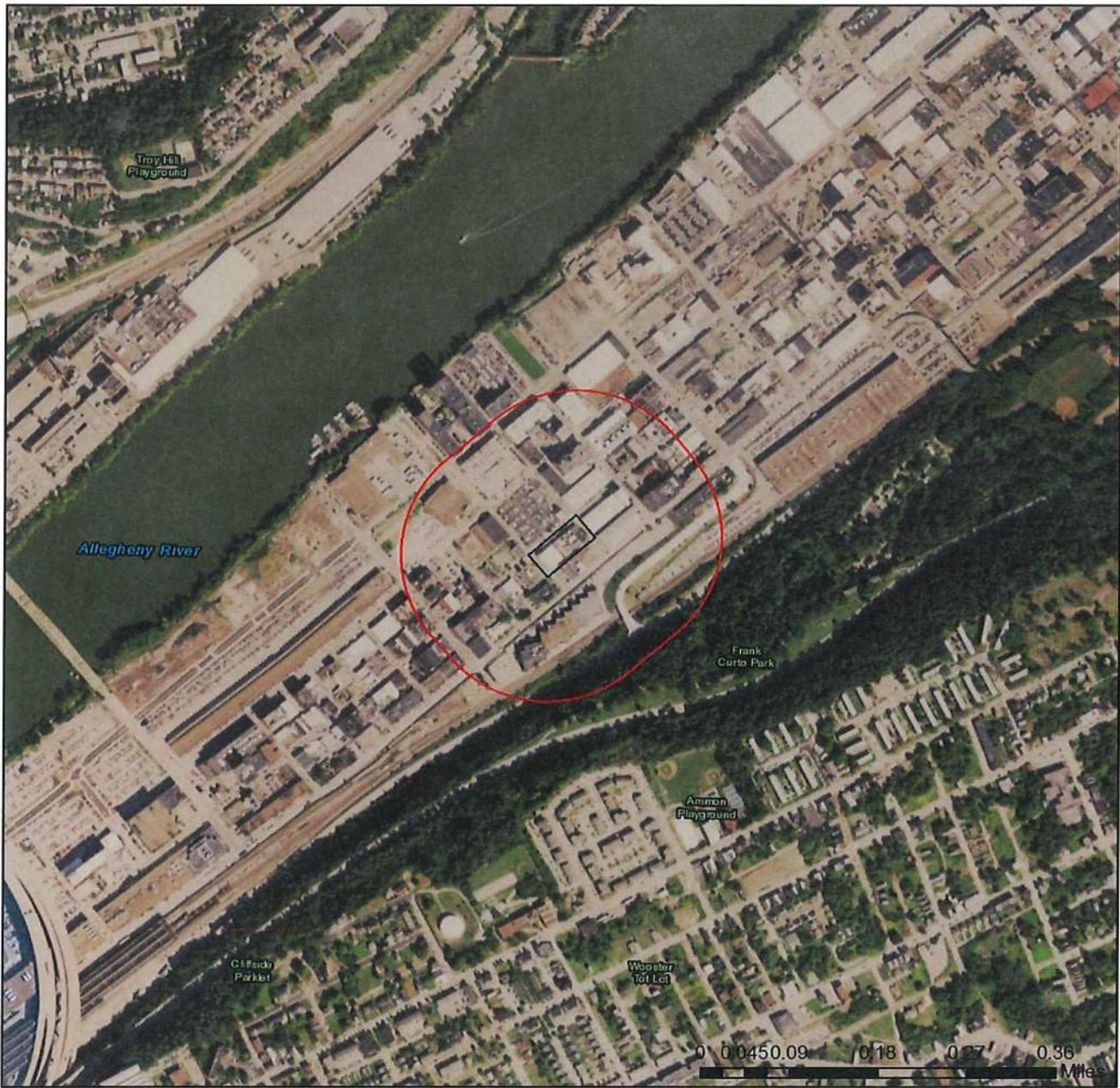
Project Name: **Condominium Development - 2330 Penn Ave**
Date of Review: **6/28/2017 10:47:14 AM**
Project Category: **Development, Other**
Project Area: **1.22 acres**
County(s): **Allegheny**
Township/Municipality(s): **PITTSBURGH**
ZIP Code: **15222**
Quadrangle Name(s): **PITTSBURGH EAST**
Watersheds HUC 8: **Lower Allegheny**
Watersheds HUC 12: **Allegheny River-Ohio River**
Decimal Degrees: **40.452975, -79.980871**
Degrees Minutes Seconds: **40° 27' 10.7116" N, 79° 58' 51.1359" W**

2. SEARCH RESULTS

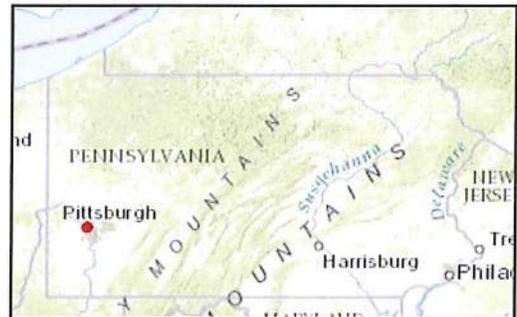
Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U. S. Fish and Wildlife Service	No Known Impact	No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

Condominium Development - 2330 Penn Ave

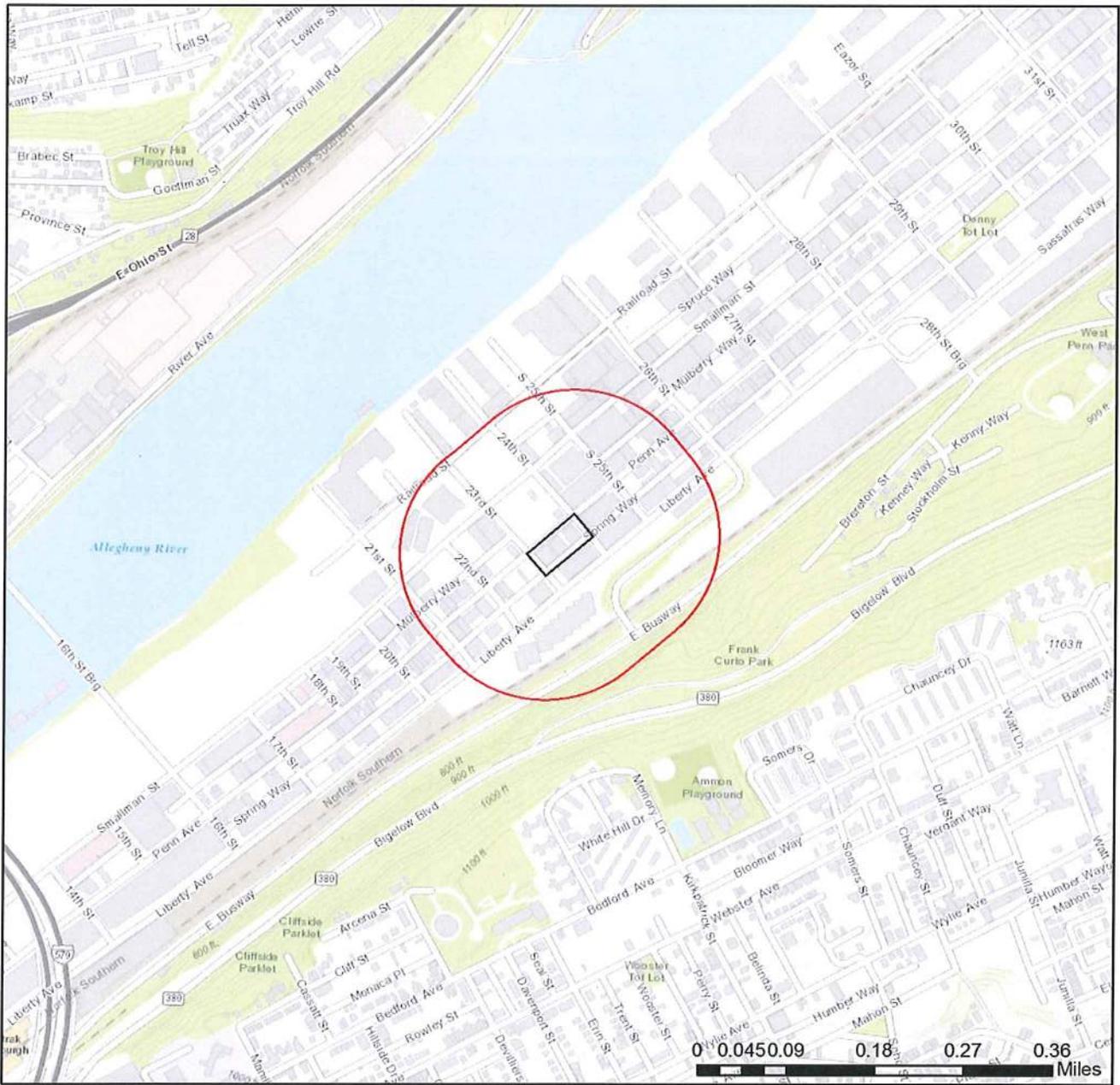


- Project Boundary
- Buffered Project Boundary



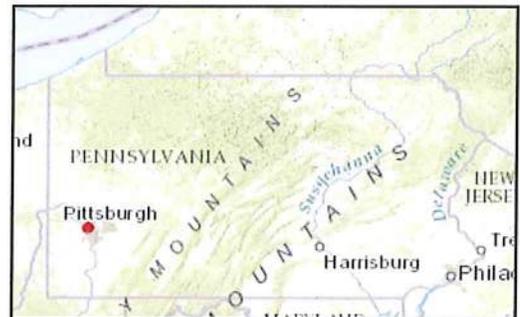
Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Esri, HERE, DeLorme, MapmyIndia,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

Condominium Development - 2330 Penn Ave



-  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



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: No forests, woodlots or trees will be affected by the project.

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). 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

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

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
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: BRANDON R KOHLER
Company/Business Name: H.F. LENZ CO
Address: 1407 SCALP AVE
City, State, Zip: JOHNSTOWN PA 15904
Phone: (814) 269-9300 Fax: (814) 269-9301
Email: BKOHLE@HFLENZ.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

6-28-2017
date

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



INFORMATION TAKEN FROM UNITED STATES
 GEOLOGICAL SURVEY 7.5 MINUTE SERIES
 QUAD SHEET – PITTSBURGH EAST, PA – 2010

SCALE: 1" = 2000'

LOCATION MAP

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