

**COMPONENT 3 SEWAGE FACILITIES
PLANNING MODULE PACKAGE**

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

Prepared by

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

*February 26, 2018
HFL File No. 2017-0465.01*



H.F. LENZ
COMPANY

SEWAGE FACILITIES PLANNING
2700 Murray Avenue Residential Development

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**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)
PADEP - Southwest Regional Office
400 Waterfront Drive, Pittsburgh, PA 15222-4745

Date 7/19/2016

Dear Sir:

Attached please find a completed Sewage Facilities Planning Module prepared by Bryan J. Clement, P.E.
(Name)
Project Engineer, H.F. Lenz Company for 2700 Murray Avenue Residential Development
(Title) (Name)
 a subdivision, commercial, or industrial facility located in the City of Pittsburgh,

Allegheny County.
(City, Borough, Township)

Check one

- (i) The Planning Module, as prepared and submitted by the applicant, is approved by the municipality as a proposed revision supplement for new land development to its "Official Sewage Facilities Plan", 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"/> Resolution of Adoption | <input type="checkbox"/> 3. Sewage Collection/Treatment Facilities | <input type="checkbox"/> 4.A. Municipal Planning Agency Review |
| <input type="checkbox"/> 2. Individual and Community Onlot Disposal of Sewage | <input type="checkbox"/> 3s Small Flow Treatment Facilities | <input type="checkbox"/> 4.B. County Planning Agency Review |
| <input type="checkbox"/> 2m. Sewage Management Program | | <input type="checkbox"/> 4.C. County or Joint 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.



Pittsburgh
Water & Sewer
Authority

RECEIVED

FEB 20 '18

H.F. LENZ CO.

February 14, 2018

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

**RE: 2700 Murray Avenue Residential Development
2700 Murray Avenue - 15217**

Dear Mr. Clement:

The Pittsburgh Water and Sewer Authority (PWSA) is in receipt of the PA DEP Sewage Facilities Planning Module Component 3.

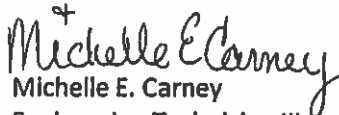
PWSA has signed in the correct location and forwarding back to you for processing to ALCOSAN for final signature. Contact Rachel O'Neill at the City of Pittsburgh Law Department at (412-255-2613) to prepare the required City Resolution that Council will need to approve for this project.

Once you receive City Council Resolution, you must submit the complete package to the DEP for final review and approval. You must include all documentation including the approved City of Pittsburgh Council Resolution and any review fees.

Once PWSA receives a copy of the approved Sewage Facilities Planning Module from the DEP, PWSA will process the tap in plan. PWSA is not permitted to issue final approval or a PWSA Permit for connection to the water and/or sewer mains until approval from DEP is granted.

If you have any questions, feel free to contact PWSA or any questions regarding the Planning Module you must contact the DEP.

Sincerely,


Michelle E. Carney
Engineering Technician III

MEC

Attachments

cc: Thomas Flanagan – DEP
Rachel O'Neill – City of Pittsburgh Law Department
Michael Lichte - ALCOSAN
PWSA File

Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh PA 15222

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T 412.255.2423
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Customer Service /
Emergencies:
412.255.2423



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 #

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

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

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

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

A. PROJECT INFORMATION (See Section A of instructions)

- Project Name 2700 Murary Avenue Residential Development
- Brief Project Description The owner/developer of a parcel located at 2700 Murray Avnue is planning to construct a new building which will crate at total of 37 residential units. The building will replace an existing funeral home and dry cleaner residence.

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
Robinson	George			
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
Penn Liberty Plaza I				
Address Last Line -- City	State	ZIP+4		
Pittsburgh	PA	15222		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-2423				

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

2700 Murray Avenue Residential Development

Site Location Line 1

2700 Murray Avenue

Site Location Line 2

Site Location Last Line -- City

Pittsburgh

State

PA

ZIP+4

15212

Latitude

40.4289

Longitude

-79.9242

Detailed Written Directions to Site Site is located at the intersection of Penn Avenue and 24th Street

Description of Site Site is partially occupied by a building

Site Contact (Developer/Owner)

Last Name

Clement

First Name

Bryan

MI

Suffix

Phone

814-322-8735

Ext.

Site Contact Title

Project Engineer

Site Contact Firm (if none, leave blank)

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

Title

Project Engineer

Consulting Firm Name

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

bclement@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 PA 0025984

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude 402834 Longitude 800244

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. Lichte

Agent Signature [Signature] Date 3/16/18

(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 11000 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	3358342	11754196	11000	38500	11550	40425
Conveyance		44.9 mgd	5.4 mgd	6.8 mgd	5.4 mgd	6.9 mgd
Treatment		250 mgd	194.8	250 mgd	194.8	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 & Sewer Authority
 Name of Responsible Agent George Robinson II
 Agent Signature [Signature] Date 11/14/17

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

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAW
Name of Responsible Agent Michael D. Lichte
Agent Signature 
Date 3/16/18

4. Treatment Facility

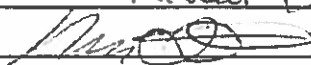
The questions below are to be answered by a representative of the facility permittee in coordination with the information in the table and the latest Chapter 94 report. The individual signing below must be legally authorized to make representation for the organization.

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 ALCOSAW
Name of Responsible Agent Michael D. Lichte
Agent Signature 
Date 3/16/18

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

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

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

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

L. PERMEABILITY TESTING (See Section L of instructions)

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

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

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

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

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

O. SEWAGE MANAGEMENT (See Section O of instructions)

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

Yes No

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

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

2. Project Flows _____ gpd

Yes No

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

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

(For completion by non-municipal facility agent)

4. Collection and Conveyance Facilities

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

Yes No

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

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

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

- b. Collection System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

- c. Conveyance System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

5. Treatment Facility

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

Yes No

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

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

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

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

(For completion by the municipality)

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

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

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

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

Yes No

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

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

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

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

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

H.F. Lenz Company - Bryan J. Clement, P.E.
Name (Print)

Bryan J. Clement
Signature

Project Engineer
Title

10/31/17
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)


**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. 7-5-172. Date review completed by agency. 7-6-17
SECTION C. AGENCY REVIEW (See Section C of instructions)

Yes

No

1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, *et seq.*)?

2. Is this proposal consistent with the comprehensive plan for land use?

If no, describe the inconsistencies _____

3. Is this proposal consistent with the use, development, and protection of water resources?

If no, describe the inconsistencies _____

4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation?

5. Does this project propose encroachments, obstructions, or dams that will affect wetlands?

If yes, describe impacts _____

6. Will any known historical or archaeological resources be impacted by this project?

If yes, describe impacts _____

7. Will any known endangered or threatened species of plant or animal be impacted by this project?

If yes, describe impacts _____

8. Is there a municipal zoning ordinance?

9. Is this proposal consistent with the ordinance?

If no, describe the inconsistencies in review

10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance?

11. Have all applicable zoning approvals been obtained?

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

SECTION C. AGENCY REVIEW (continued)

Yes No

13. Is this proposal consistent with the ordinance?

If no, describe the inconsistencies in review

14. Is this plan consistent with the municipal Act 537 Official Sewage Facilities Plan?

If no, describe the inconsistencies _____

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

If yes, describe _____

16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?

If yes, is the proposed waiver consistent with applicable ordinances?

17. Name, title and signature of planning agency staff member completing this section:

Name: Joshua Lippert

Title: Senior Environmental Planner

Signature: _____



Digitally signed by Joshua Lippert
DN: cn=Joshua Lippert, ou=City of Pittsburgh, ou=Department
of City Planning, email=jlippert@cityofpitt.com,
c=US
Date: 2017.07.06 07:36:31 -0400

Date: 7-6-17

Name of Municipal Planning Agency: City of Pittsburgh

Address 200 Ross Street Pittsburgh, PA 15219

Telephone Number: 412-255-2200

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.

COUNTY OF



RICH FITZGERALD
COUNTY EXECUTIVE

ALLEGHENY

File 2017-0463.01
CO BSC RECEIVED

OCT 12 '17

H.F. LENZ CO.

October 6, 2017

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

RE: SEWAGE FACILITIES PLANNING MODULE
2700 MURRAY AVENUE RESIDENTIAL 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 2700 Murray Avenue. This Planning Module Component was received on October 4, 2017. The project proposes the following:

Project Description:	Proposed 37 residential units
Sewage Flow:	11,000 GPD
Conveyance:	PWSA collection system to POC M-29 and the Monongahela 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



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

DEP Code #

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

2700 Murray Avenue Residential Development - City of Pittsburgh

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

1. Date plan received by county or joint-county health department. October 4, 2017Agency name Allegheny County Health Department (ACHD)2. Date review completed by agency October 6, 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, PETitle: Environmental Health Engineer IIISignature: Date: October 6, 2017Name of County Health Department: ACHDAddress: 3901 Penn Avenue, Building #5, Pittsburgh PA 15224-1318Telephone Number: 412-578-8046

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

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

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

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



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			1,560
			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	2,000
Total			11,000 GPD (Proposed)

III. NET FLOW

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

* 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:



H.F. LENZ
COMPANY

PROJECT NARRATIVE

2700 Murray Avenue Condominium

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.



H.F. LENZ
COMPANY

ALTERNATIVE NARRATIVE

2700 PENN AVENUE CONDOMINIUM DEVELOPMENT

Sanitary sewage from the existing and proposed building expansion will be conveyed to the existing sanitary sewer located within Murray Avenue 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 9,040 gpd or 23 (22.6) 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.



Pittsburgh
Water & Sewer
Authority

MEMO

To: George Robinson II *NR*

From: Larry Keenan

Date: January 16, 2018

Subject: **DEP Sewage Planning Module – Section J. Chapter 94
Consistency Determination, Calculation Review
2700 Murray Ave Condominiums**

After using the revised numbers received from H.F. Lenz, I have completed an updated review of the Dry Weather calculations for the referenced development and have verified that they now appear to be done correctly.

The Projected Flows are less than the Design Capacity of the PWSA sewer and, therefore the sewer should have adequate capacity for the proposed development.

**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
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	<u>0</u>	<u>5</u>	<u>1</u>
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:



H.F. LENZ
COMPANY

PROJECT NARRATIVE

2700 Murray Avenue Condominium

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 performed based on available information including field survey, record information and standard engineering practices and judgement.

	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

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc.

Tuesday, Oct 3 2017

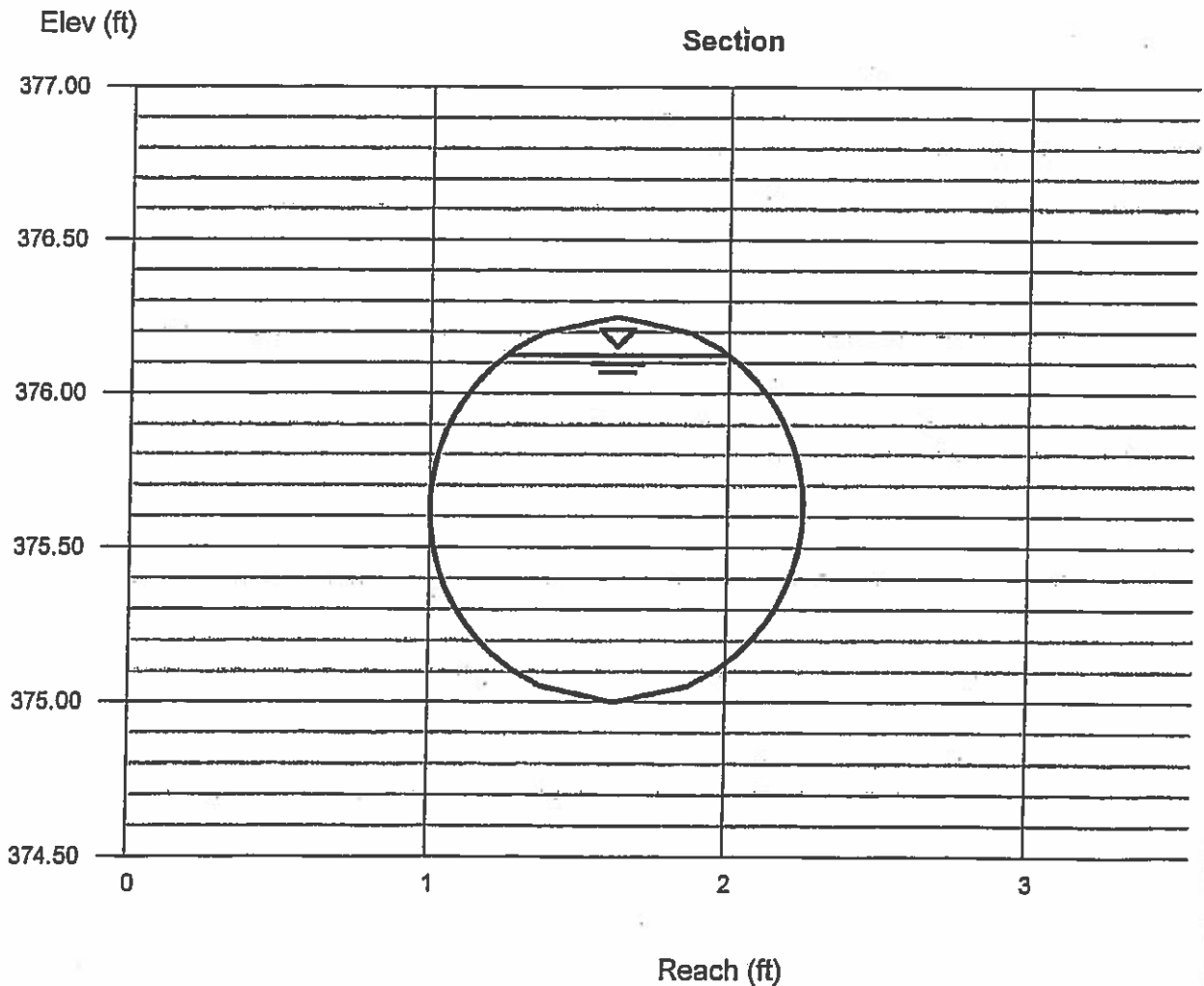
2700 Murray Ave. Condominium

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



Depth	Q	Area	Veloc	Wp
(ft)	(cfs)	(sqft)	(ft/s)	(ft)
0.13	0.359	0.084	5.59	0.81
0.25	1.510	0.178	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

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	4.28

1. PROJECT INFORMATION

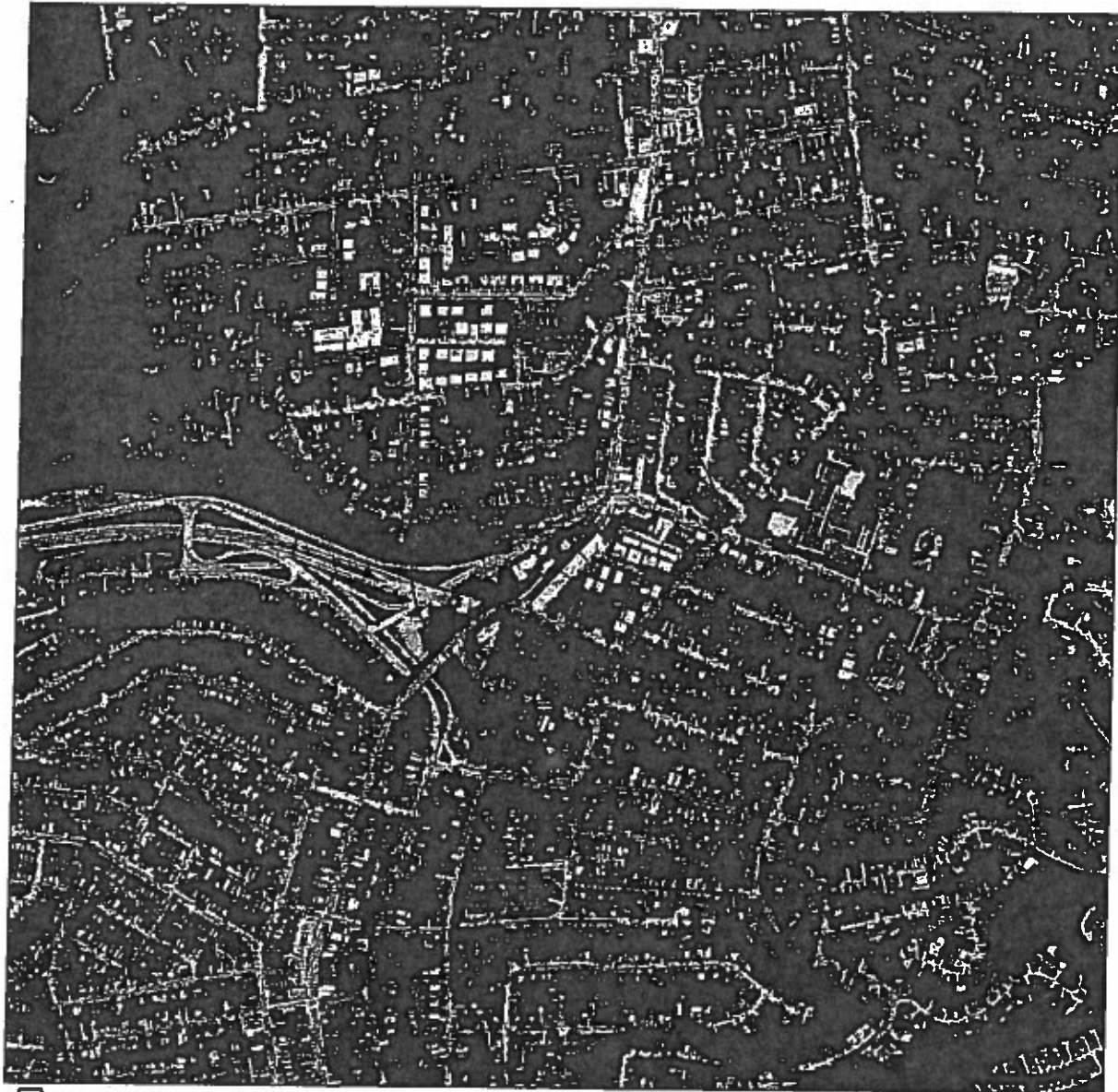
Project Name: 2700 Murray Ave. Condominium Development
Date of Review: 10/3/2017 09:53:06 AM
Project Category: Development, Other
Project Area: 0.86 acres
County(s): Allegheny
Township/Municipality(s): PITTSBURGH
ZIP Code: 15217
Quadrangle Name(s): PITTSBURGH EAST
Watersheds HUC 8: Lower Monongahela
Watersheds HUC 12: Streets Run-Monongahela River
Decimal Degrees: 40.428939, -79.924319
Degrees Minutes Seconds: 40° 25' 44.1800" N, 79° 55' 27.5468" 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

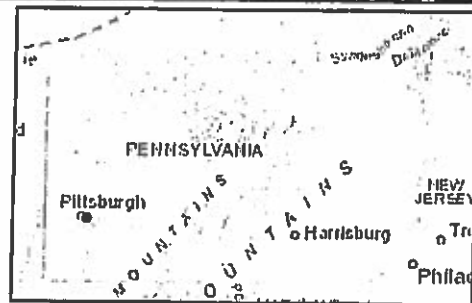
As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with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

2700 Murray Ave. Condominium Development

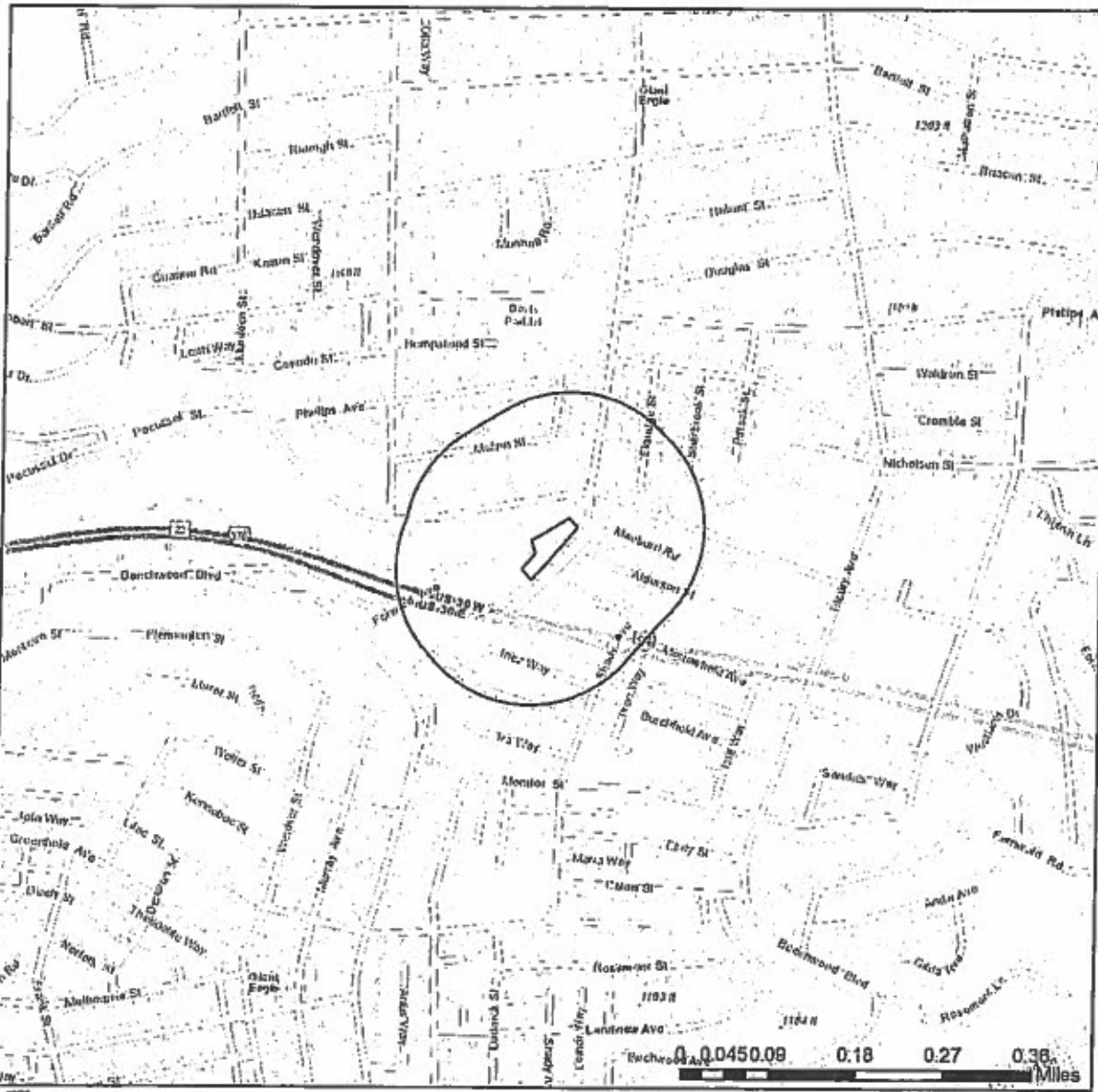


- Project Boundary
- Buffered Project Boundary

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

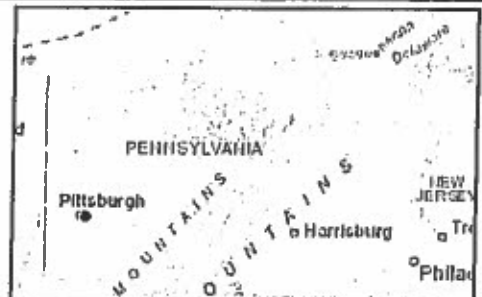


2700 Murray Ave. Condominium Development



- Project Boundary
- Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, Increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeBCo, 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: BRAUNAN R. KOHLER
Company/Business Name: H.F. LENZ COMPANY
Address: 1402 SCALP AVE.
City, State, Zip: JOHNSTOWN PA 15904
Phone: (814) 269-9300 Fax: (814) 269-9301
Email: BKOHLER@HLENZ.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.

Braunan R. Kohler
applicant/project proponent signature

10/31/2017
date



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

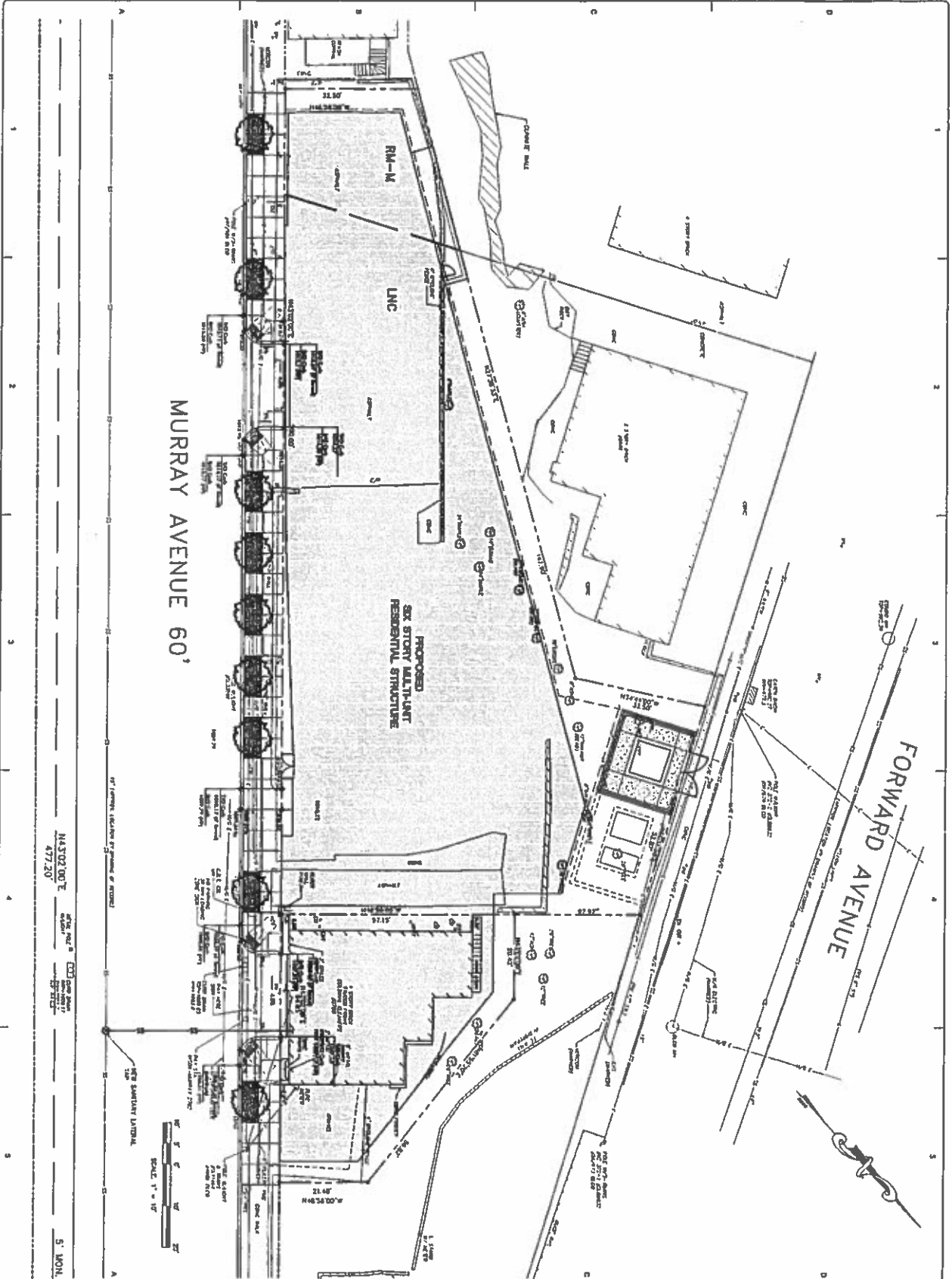


INFORMATION TAKEN FROM UNITED STATES
 GEOLOGICAL SURVEY 7.5 MINUTE SERIES
 QUAD SHEET - PITTSBURGH EAST, PA - 2016

SCALE: 1" = 2000'

LOCATION MAP

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H.F. LENZ COMPANY Professional Engineer 2710 Murray Avenue Pittsburgh, PA 15217	
Project Description: 2710 Murray Avenue Residential Development Pittsburgh, PA 15217	
Project No.: 2017-08-11	Date: 06/02/2017
Client: H.F. Lenz Company	Location: 2710 Murray Avenue
Designer: H.F. Lenz Company	Scale: 1" = 10'
Title: SS-1	Drawing No.: 1843-1843.dwg