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Sewage Facilities Planning Module

308 S Highland Ave

Job # 12832

Prepared For

RGB Shadyside, L.L.C.

7072 Bennington Woods Dr

Pittsburgh, PA 15237

Location

7th WARD, CITY OF PITTSBURGH

ALLEGHENY COUNTY, PENNSYLVANIA

Date Prepared

July 6, 2018



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SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
TRANSMITTAL LETTER TO PADEP



TRANSMITTAL LETTER FOR SEWAGE FACILITIES PLANNING MODULE

DEP USE ONLY				
DEP CODE # 02001-17-129	APS ID #	CLIENT ID #	SITE ID #	AUTH. ID #

TO: Approving Agency (DEP or delegated local agency)
 Department of Environmental Protection
 Southwest Regional Office
 c/o Tom Flanagan, Sewage Planning Supervisor
 400 Waterfront Drive
 Pittsburgh, PA 15222

Date _____

Dear Sir:

Attached please find a completed Sewage Facilities Planning Module prepared by David Weeber
 (Name)

Project Manager – Hampton Technical Associates, Inc. _____ for 308 S Highland Ave
 (Title) (Name)

a commercial, residential 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 checked="" type="checkbox"/> Resolution of Adoption | <input checked="" type="checkbox"/> 3. Sewage Collection/Treatment Facilities | <input checked="" 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 checked="" 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.

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

Resolution No. _____

CITY OF PITTSBURGH

Introduced:

Bill No:

Committee: Intergovernmental Affairs Committee

Status:

Sponsored by:

Resolution adopting Plan Revision to the City of Pittsburgh's Official Sewage Facilities Plan for RGB Shadyside, LLC, 7072 Bennington Woods Dr., Pittsburgh, PA 15237

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 (the "Department") adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, requires the City of Pittsburgh to adopt an Official Sewage Facilities Plan (the "Official 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 development conforms to a comprehensive program of pollution control and water quality management; and

WHEREAS, RGB Shadyside, LLC has proposed the re-development of a one parcel of land identified as 308 S. Highland Ave, Pittsburgh, PA 15206, Allegheny County, at block and lot 84-K-265, in the 7th Ward of the City of Pittsburgh and described in the attached Sewage Facilities Planning Module (the "Planning Module") for land development and proposes that project be served by a sewer tap-in to the City of Pittsburgh sewage systems; and

WHEREAS, the Pittsburgh Water Sewer Authority, the Allegheny County Sanitary Authority, the City of Pittsburgh Planning Department and the Allegheny County Health Department have reviewed the respective components of the attached Planning Module in regard to each authority/department's expertise and have approved the respective components as explained in the attached Planning Module.

WHEREAS, based upon the approval of the above authorities and departments, the City of Pittsburgh finds that the project described in the attached Planning Module for land development conforms to applicable zoning, subdivision, other municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

**BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PITTSBURGH AS
FOLLOWS:**

SECTION 1. The City of Pittsburgh hereby adopts and submits to the Department of Environmental Protection for its approval as a Plan Revision to the City of Pittsburgh's Official Sewage Facilities Plan, the above-referenced Planning Module for land development, which is attached hereto as **Exhibit A**.

Said Planning Module includes the proposed 308 S Highland, Pittsburgh, PA 15206, Allegheny County, at block and lots 84-K-265, in the 7th Ward of the City of Pittsburgh.

Finally, that any Ordinance or Resolution or part thereof conflicting with the provisions of this Resolution, is hereby repealed so far as the same affects this Resolution.

Effective Date: _____

Passed in Council: _____

Approved: _____

Recorded in R.B. ____ page _____ in City Clerk's Office.

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
COMPONENT 3: SEWAGE COLLECTION AND TREATMENT FACILITIES MODULE

Form



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

RECEIVED
6/28/18

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

Code No.
02001-18-006

RECEIVED
MAY 09 2018

REVISED
7-1-2018

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

BY: *ALISA MC*

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 308 S. Highland Ave
- Brief Project Description Currently the bldg is a 3 unit apartment building. The intention is to convert it to a 4 unit apartment building.

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
<i>King</i>	<i>Barry</i>			Director of Engineering Engineering Technician

Additional Individual Last Name	First Name	MI	Suffix	Title

Municipality Mailing Address Line 1	Mailing Address Line 2
Penn Liberty Plaza 1	1200 Penn Avenue

Address Last Line -- City	State	ZIP+4
Pittsburgh	PA	15222-2219

Area Code + Phone + Ext.	FAX (optional)	Email (optional)
412-255-8800		<i>MC@penn.gov</i>



C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

308 S Highland Ave

Site Location Line 1

308 S Highland Ave

Site Location Line 2

7th Ward

Site Location Last Line -- City

City of Pittsburgh

State

PA

ZIP+4

15206

Latitude

40°27'25.1"N

Longitude

79°55'31.7"W

Detailed Written Directions to Site Take Liberty to Baum turn up highland towards fifth. Its located at Alder and Highland. The right side of the big red victorian house

Description of Site : Existing 3,300 Sq Ft parcel with half of large victorian house. abuts 2 streets.

Site Contact (Developer/Owner)

Last Name

Bejjani

First Name

Ghassan

MI

Suffix

Phone

412-596-7017

Ext.

Site Contact Title

MD

FAX

Site Contact Firm (if none, leave blank)

RGB Shadyside, LLC

Email

bejjanigk@yahoo.com

Mailing Address Line 1

7072 Bennington Woods Dr

Mailing Address Line 2

Mailing Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

15237

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

Last Name

Weeber

First Name

David

MI

Suffix

Title

Project Manager

Consulting Firm Name

Hampton Technical Associates, Inc.

Mailing Address Line 1

35 Wilson Street

Mailing Address Line 2

Suite 201

Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

15223

Country

USA

Email

thomasc@hampton-tech.net

Area Code + Phone

412-781-9660

Ext.

223

Area Code + FAX

412-781-5904

E. AVAILABILITY OF DRINKING WATER SUPPLY

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

☐ Individual wells or cisterns.

☐ A proposed public water supply.

☒ An existing public water supply.

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

Name of water company: PWSA

F. PROJECT NARRATIVE (See Section F of instructions)

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

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

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

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

1. COLLECTION SYSTEM

a. Check appropriate box concerning collection system

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

Clean Streams Law Permit Number _____

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 4

Connections 1

Name of:

existing collection or conveyance system 15" Greenbriar Way Gravity Main

owner PWSA

existing interceptor Allegheny 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 Wood's Run (WWTP)

NPDES Permit Number for existing facility PA0025984

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude 40°28'37"N Longitude 80° 02'44"W

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

As an authorized representative of the permittee, I confirm that the ALCOSAN WWTP
(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 (Allegheny County Sanitary Authority)

Name of Responsible Agent Michael D. Lichte

Agent Signature  Date 7/25/18

(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. | j. Any designated recreational or open space area. |
| b. Lot lines and lot sizes. | k. Wetlands - from National Wetland Inventory Mapping and USGS Hydric Soils Mapping. |
| c. Adjacent lots. | l. Flood plains or Flood prone areas, floodways, (Federal Flood Insurance Mapping) |
| d. Remainder of tract. | m. Prime Agricultural Land. |
| 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. | n. Any other facilities (pipelines, power lines, etc.) |
| f. Show tap-in or extension to the point of connection to existing collection system (if applicable). | o. Orientation to north. |
| g. Existing and proposed water supplies and surface water (wells, springs, ponds, streams, etc.) | p. Locations of all site testing activities (soil profile test pits, slope measurements, permeability test sites, background sampling, etc. (if applicable). |
| h. Existing and proposed rights-of-way. | q. Soils types and boundaries when a land based system is proposed. |
| i. Existing and proposed buildings, streets, roadways, access roads, etc. | 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 1600 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	1369948	4794818	62356	218248	67154	235038
Conveyance		31.2mgd	881mgd	10.8mgd	8.89mgd	10.81mgd
Treatment		250mgd	194.8	250	194.8	250

3. Collection and Conveyance Facilities

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

YES NO

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

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

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

b. Collection System

Name of Agency, Authority, Municipality Pittsburgh Water and Sewer Authority (PWSA)

Name of Responsible Agent BARRY K. KING

Agent Signature [Signature] Date 6/14/18

☒ **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. Lichto

Agent Signature [Signature]

Date 7/25/18

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. ☐ ☒ 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 (Allegheny County Sanitary Authority)

Name of Responsible Agent Michael D. Lichto

Agent Signature [Signature]

Date 7/25/18

☐ **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 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 1600 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.

Ghassan Bejjani, MD

Name (Print)

Ghassan Bejjani, MD

Signature

owner, president

Title

7/2/2018

Date

RGB Shadyside, LLC, 7072 Bennington Woods Dr,
Pittsburgh, PA 15237

Address

412-596-7017

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 \$200 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.

$$\# 4 \quad \text{Lots (or EDUs)} \times \$50.00 = \$ 200.00$$

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:

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

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

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
- For community sewage system projects one EDU is equal to a sewage flow of 400 gallons per day.
- For non-single family residential projects, EDUs are calculated using projected population figures

- C. A sub-surface discharge system that requires a permit under The Clean Streams Law will use a flat fee:

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

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
SECTION 2.0 PLANNING REVIEW

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
COMPONENT 4A: MUNICIPAL PLANNING REVIEW



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

DEP Code #:

SEWAGE FACILITIES PLANNING MODULE COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW

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

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

Project Name

308 S Highland Ave

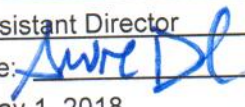
SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by municipal planning agency April 30, 20182. Date review completed by agency May 1, 2018

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 checked="" type="checkbox"/> | 2. Is this proposal consistent with the comprehensive plan for land use?
If no, describe the inconsistencies <u>N/A</u> |
| <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 checked="" type="checkbox"/> | <input 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 type="checkbox"/> | <input checked="" 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 Official Sewage Facilities Plan?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision? |
| <input type="checkbox"/> | <input type="checkbox"/> | If yes, is the proposed waiver consistent with applicable ordinances?
If no, describe the inconsistencies _____ |
| 17. Name, title and signature of planning agency staff member completing this section: | | |
| Name: <u>Andrew Dash</u> | | |
| Title: <u>Assistant Director</u> | | |
| Signature: <u></u> | | |
| Date: <u>May 1, 2018</u> | | |
| Name of Municipal Planning Agency: <u>City of Pittsburgh, Department of City Planning</u> | | |
| Address <u>200 Ross Street, 4th Floor, Pittsburgh, PA 15219</u> | | |
| Telephone Number: <u>412-255-0760</u> | | |

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

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

The planning agency must complete this component within 60 days.

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

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
COMPONENT 4C: COUNTY OR JOINT HEALTH DEPARTMENT REVIEW – ACHD

COUNTY OF



ALLEGHENY

RICH FITZGERALD
COUNTY EXECUTIVE

May 7, 2018

Mr. David Weeber
Hampton Technical Associates, Inc.
Etna Technical Center
35 Wilson Street, Suite 201
Pittsburgh, PA 15223

**RE: SEWAGE FACILITIES PLANNING MODULE
308 S. HIGHLAND AVE.
CITY OF PITTSBURGH**

Dear Mr. Weeber,

Enclosed is a signed copy of Component 4C, County or Joint County Health Department Review, for the above-referenced development located at 308 S. Highland Avenue. This Planning Module Component was received on April 30, 2018. The project proposes the following:

Project Description:	Conversion of a three-unit apartment building into a four-unit apartment building
Sewage Flow:	1,600 GPD
Conveyance:	PWSA collection system in Greenbriar Way to POC A-22 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
Water Pollution Control & Solid Waste Management

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

308 S. Highland Ave - City of Pittsburgh

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

1. Date plan received by county or joint-county health department. April 30, 2018Agency name Allegheny County Health Department (ACHD)2. Date review completed by agency May 7, 2018

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: May 7, 2018Name 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)

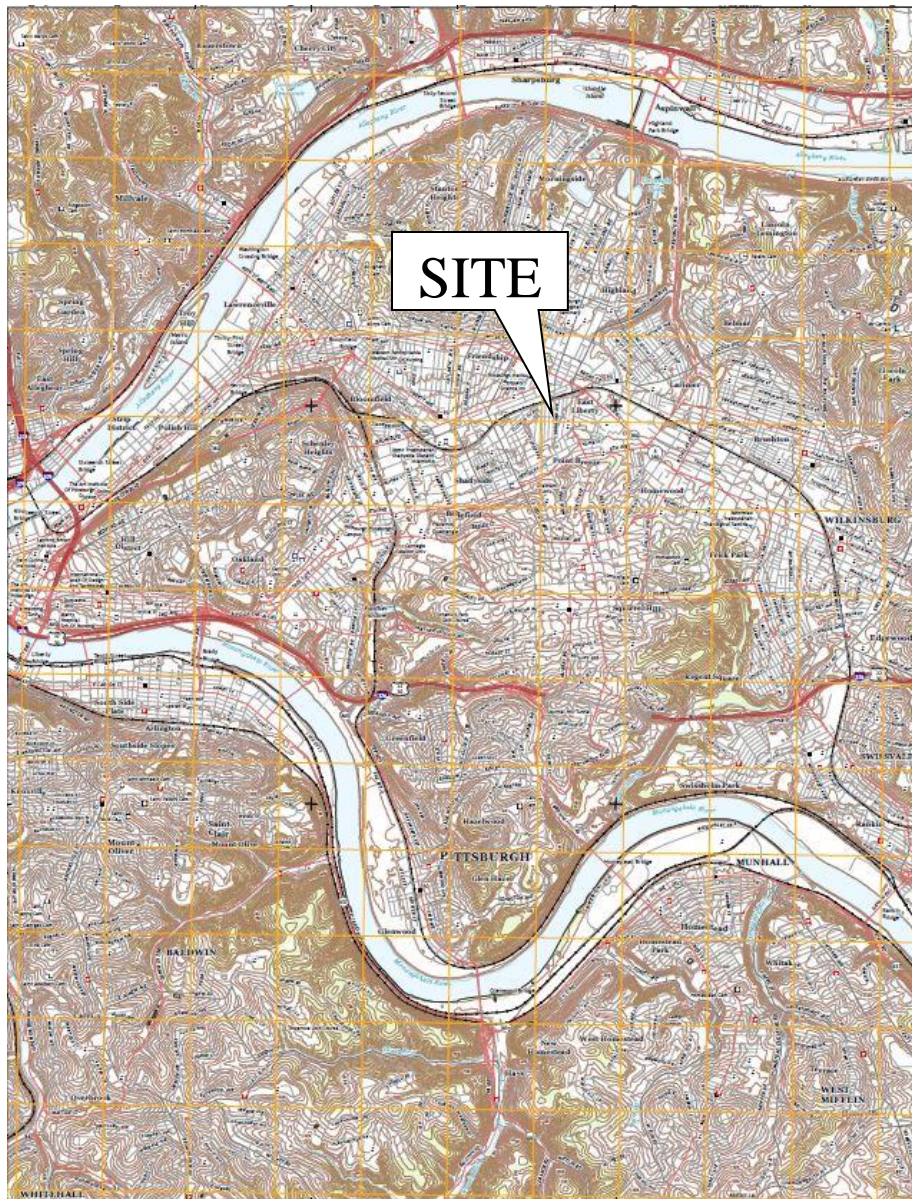
This Component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

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

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

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
SECTION 3.0 REFERENCES

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
EXHIBITS



Scale: NTS

308 S Highland Ave

HTA # 12832

FIGURE 1

U.S.G.S. SITE LOCATION MAP
PITTSBURGH EAST, PA QUADRANGLE



HAMPTON TECHNICAL ASSOCIATES, INC.

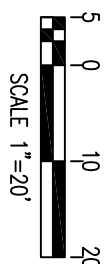
Engineering Land Surveyors

CORPORATE OFFICE

**35 Wilson Street – Suite 201
Pittsburgh, PA 15223**



SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
DRAWINGS



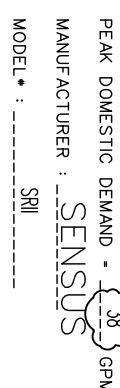
**Typical Water Tap Service
For 2" And Smaller C**

Please be advised of the following requirements for installing fire service (Underground) mains and their appurtenances in the City of Pittsburgh

A permit must be obtained from the Bureau of Building Inspection (BBI) prior to installing the underground fire service main, applicable to this permit must be made by a contractor, that is registered with the City, and must include 3 sets of the Miller tap-in block bearing the approved stamp PMA, once the drawings have been reviewed, approved, and the permit issued, all required third-party documents must be resubmitted for concurrence with NFPA 13, by a City Building Inspector before it is modified. A Contractor's Waiver and Test Certificate for Underground Piping must then be completed, and given to the City approved Fire Inspector that is hired to witness the tests of hydraulic tests. They will then forward the tests to BBI.

Note:

To contact BEI, call (412) 255-2181.



1. METER TO BE INSTALLED IN A WARM, NON-FREEZING, ACCESSIBLE AREA WITHIN DWELLING, A MINIMUM OF 2' FROM FLOOR AND A MAXIMUM OF 3' FROM POINT OF ENTRY AND/OR FROM INSIDE WALL.

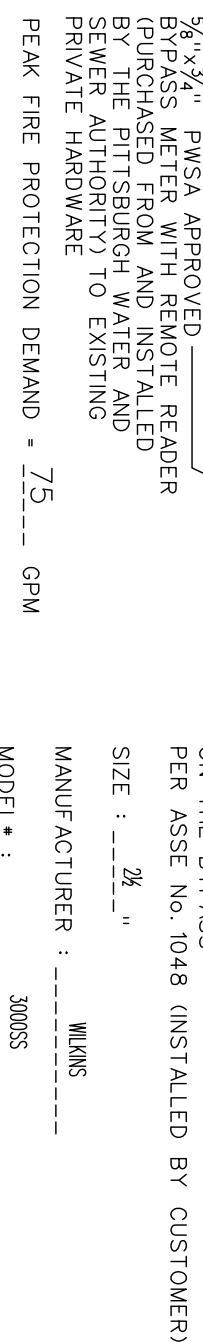
2. SEE ACPH PLUMBING CODE FOR ADDITIONAL PIPING AND PRESSURE REGULATOR REQUIREMENTS.

3. PROPER METER ACCESS REQUIRED. METER SETTING CAN NOT BE IN A RESTRICTED AREA (e.g. UNDER STEPS BEHIND FURNACE OR HOT WATER TANK), OR IN OTHER OBSTRUCTED AREAS IN ANY WAY.

4. METER SETTING VALUES:

SIZE	Coupling Space A	METER TAIL-PIECE	FLOW (GPM)
5/8"	12.5"	1/2"	20
5/8x3/4"	12.5"	3/4"	20
3/4"	14.25"	3/4"	30
1"	16.5"	1"	50

NO SCALE



SHALL BE FURNISHED AND INSTALLED BY THE CUSTOMER

2. CUSTOMER TO PROVIDE DATA FOR CORRECT SIZE, MODEL, MANUFACTURER AND PEAK FIRE DEMAND

3. INSTALLATION OF ASSEMBLY IS PERMITTED IN VAULT, AS DIRECTED

FIELD TESTING REQUIREMENTS AND REPORTING SHALL BE PER ASSE No. 5013 2.0 AND 3.0.



SOUTH HIGHLAND AVE

1. OPTION 2 REQUIRES MAIN LINE SHUT; THIS WOULD BE ADDITIONAL PWSA CHARGE
2. TERMINATION OPTION FROM ABOVE AS DIRECTED BY THE PWSA.

THE PITTSBURGH WATER AND SEWER AUTHORITY

X	NEW WATER TAP, BACKFLOW PREVENTOR, AND METER INSTALLATION
X	NEW SANITARY AND/OR STORM SEWER TAP
	INCREASE IN FLOW AT EXISTING SEWER AND/OR WATER CONNECTION
	SEWER TAP TERMINATION
X	WATER TAP TERMINATION

* **DISCLAIMER:**
Signatures / Approval by **PMCA** are for the physical connection(s) to the water and/or sewer system only

Responsibility for the design and work depicted by the drawings, including the flow design for the facilities is by the project Professional Engineer shown by the seal and signature affixed to the drawing. The P.E. does not represent or warrant that the water supply to the facilities is sufficient to support the design needs.

DATE

PMSA PROJECT REVIEWER	DATE
APPROVAL	

DIRECTOR OF FIELD SERVICES

MANAGER OF DEVELOPMENT SERVICES

WATER AND SEWER FLOW DATA	
Water Consumption	(LOW FLOW) 1640 gpd
Sanitary Flow	1600 gpd
Storm Flow	0 gpd
WWSA Replication Number	18103.12
WWSA Replication Name	
DWR Approval Date	
Approval By	

PREVIOUS FLOW
WATER = 1200 GPD
SANITARY = 1200 GPD

NO SCALE

		REVISIONS	
		REV.	PER PWSA
1	1-20-18	GM	REV. PER PWSA
2	2-16-18	GM	

RCB SHADYSIDE, LLC PITTSBURGH, PA WATER AND SEWER TAP-IN DRAWING			
SOUTH HIGHLAND 308 S HIGHLAND AVE PITTSBURGH, PA 15232			
SCALE	AS NOTED	SHEET	ACCESSION NO. C-_____
DATE	11-29-17	1 OF 1	CASE NO. _____

HYDRANT FLOW TEST DATA			
(REQUIRED FOR 1" OR LARGER TAPS)			
Date of Test	11/29/2017	Hydrant Permit No.:	17-0394
Test Performed By:	PWSA/UPRIGHT SPRINKLER DESIGN CO		
Hydrant Number	FLOW HYDRANT	RESIDUAL HYDRANT	
	B493	B1248	
Location	S HIGHLAND & ALDER	S HIGHLAND	
Static Pressure (psi)		75	
Residual Pressure (psi)	XXXXXXXXXX	70	
Flow Observed (gpm)	1250	XXXXXXXXXX	
Fire Protection Demands			
Sprinkler System Peak Demand	75 gpm	60 psi	
Peak Domestic Demand	38 gpm		

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
APPENDICES

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
APPENDIX A: AVAILABILITY OF WATER SUPPLY



Pittsburgh
Water & Sewer
Authority

April 26, 2018

Mr. David Weeber
Hampton Technical Associates
35 Wilson Street, Suite #201
Pittsburgh, PA 15223

**RE: Water and Sewer Availability
RGB Shadyside, LLC
308 South Highland Avenue - 15206**

Dear Mr. Weeber:

In response to your inquiry on 4/19/2018 concerning water and sewer availability for the area referenced above, please be advised that both water and sewers are available near the site, and water and sewer service will be provided in accordance with the policies and procedures of the Pittsburgh Water and Sewer Authority.

We wish to advise you that, if it is your desire to tap our water and sewer mains for service, your plans and Water and Sewer Use Application must be approved by the Authority, complete with detail showing the type of connection, meter, and backflow device before any work is performed.

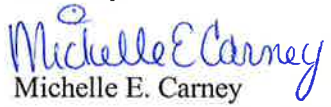
Please note that the Authority in no way guarantees that the available lines have the capacity or pressure adequate for your project's needs. It is the responsibility of the project developer, design consultant, and/or architects to determine, at their expense, the adequacy of the existing water system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

If you plan to make modifications to the water or sewer system, please submit design drawings to The Pittsburgh Water and Sewer Authority for approval.

Refer to the Pittsburgh Water and Sewer Authority (PWSA) website (www.pgh2o.com) for the complete "Procedure Manual for Developers". All tap in plans and applications must be submitted according to the manual.

If you have any questions please feel free to contact me at (412) 255-0841. Thank you.

Sincerely,


Michelle E. Carney
Engineering Technician III

MEC

cc: PWSA File

PITTSBURGH WATER AND SEWER AUTHORITY

WATER AND SEWER AVAILABILITY LETTER REQUEST FORM

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

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

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

Information to be submitted by the Applicant:			
Property Owner Name:		RGB Shadyside, LLC	
Address of Property:		308 S Highland Ave, Pittsburgh, PA 15206	
Proposed Use of Site:		Currently 3 unit apartment converted to 4 unit apartment assumed 400 GPD/unit	
Closest street intersection to the property:		S Highland Ave and Alder ST	
Requestor Name:		David Weeber	Date of Request: 4/19/2018
Requestor Address:		35 Wilson Street #201, Pittsburgh, PA 15223	
Requestor Phone Number:		412-781-9660	

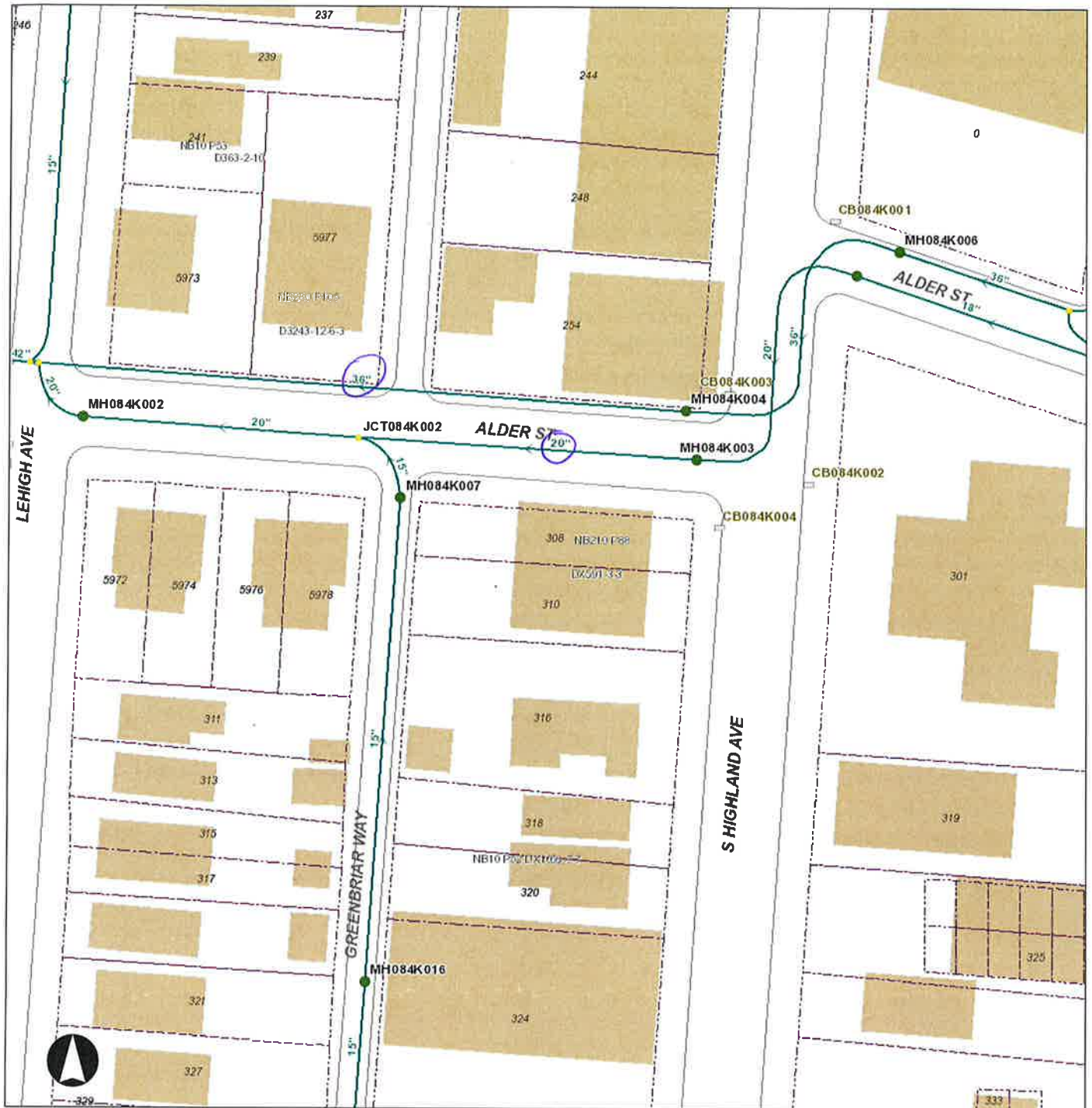
Please submit the completed form to:

Pittsburgh Water and Sewer Authority
Engineering and Construction Division
1200 Penn Avenue
Pittsburgh, PA 15222
Attn: Ms. Michelle Carney (mcarney@pgh2o.com)

PWSA Use Only:	
PWSA Water Service Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Size / Location: 8" S. Highland Avenue 6" Alder Street
PWSA Sewer Service Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sewer Size / Location: 20" x 36" Alder Street
Applicant must contact separate agency for water service: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Name of separate agency: N/A	
PWSA Approval Authority:	Signature and Date: Michelle Carney 4.26.2018
	Name (printed): Michelle Carney
	Title: Engineering Tech 3

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

308 S. Highland Ave



Legend

Meter	Water Manhole	Outfall
Pump	Rising Main	End Cap
Hydrant	Supply Main	Sewer Pump Station
Hydrant- Out of Service	Transmission Main	Combined Sewer
System Valve	Distribution Main	Sanitary Sewer
Dividing Pressure Valve	Hydrant Branch	Storm Sewer
Cap	Private Main	Regulated Combined Sewer
Tee or Cross	Water Service Line	Overflow Sewer
Reducer	Manhole	Interceptor
Coupling	Junction	Sewer Force Main
Wash Out	Inlet	Private Sewer
	Private Inlet	Undefined Sewer

0 40 80 Feet

PGH₂O

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

Date: 4/26/2018

308 S. Highland Ave



Legend

Meter	Water Manhole	Outfall
Pump	Rising Main	End Cap
Hydrant	Supply Main	Sewer Pump Station
Hydrant- Out of Service	Transmission Main	Combined Sewer
System Valve	Distribution Main	Sanitary Sewer
Dividing Pressure Valve	Hydrant Branch	Storm Sewer
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Tee or Cross	Water Service Line	Overflow Sewer
Reducer	Manhole	Interceptor
Coupling	Junction	Sewer Force Main
Wash Out	Inlet	Private Sewer
	Private Inlet	Undefined Sewer

0 40 80 Feet

PGH₂O

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

Date: 4/26/2018



July 25, 2018

*Members of the Board**Sylvia C. Wilson
Chair Person**Gregory A. Jones
Jack Shea
Rep. Harry Readshaw
John Weinstein
Corey O'Connor
Brenda L. Smith**Arletta Scott Williams
Executive Director**David W. Borneman, P.E.
Director
Engineering & Construction**Arthur M. Tamilia, Esq.
Director
Environmental Compliance**William H. Inks, CPA
Director
Finance & Administration**Jan M. Oliver
Director
Regional Conveyance**Douglas A. Jackson, P.E.
Director
Operations & Maintenance**Jeanne Clark
Director
Communications*

Mr. David Weeber
Hampton Technical Associates
35 Wilson Street
Pittsburgh, PA 15223

**Re: 308 South Highland Avenue – City of Pittsburgh
PA DEP Sewage Facilities Planning Module
ALCOSAN Regulator Structure A-22-00**

Dear Mr. Weeber:

We have reviewed the Planning Module Component 3 for the referenced project. The project will generate an estimated flow of 1600 GPD in the ALCOSAN Allegheny Interceptor and Woods Run Treatment Plant.

The capacity at the A-22-00 Regulator Structure is approximately 31.2 MGD. The monitored peak dry weather flow is approximately 10.8 mgd. Dry weather capacity exists for this connection. However, the ALCOSAN Allegheny Interceptor and the Woods Run Treatment Plant do not have the capacity for the flows generated during wet weather periods. This limitation will be addressed as ALCOSAN implements its wet weather facilities plan.

ALCOSAN requests that this letter be made part of the planning module submission. The signed Component 3 Planning Module is attached. The sewers in this project are to be designed as separated sanitary and storm sewers. If you have any questions regarding this matter, please contact me at 412-732-8004.

Sincerely,

ALLEGHENY COUNTY SANITARY AUTHORITY

Michael Lichte, P.E.
Manager of Planning

Attachment

cc: F. Fields (w/o attachment)
D. Thornton (w/o attachment)
Shawn McWilliams (w/o attachment)
Michelle Carney, PWSA (w/o attachment)
T. Flanagan/PaDEP (w/o attachment)
M. Scheer/ACHD (w/o attachment)

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
APPENDIX B: SEWAGE AVAILABILITY OF CAPACITY & ALLOCATION



Pittsburgh
Water & Sewer
Authority

MEMO

To: Barry King

A handwritten signature in black ink, appearing to be 'BK' or similar, written over a horizontal line.

From: Matt Smuts 

Date: June 12, 2018

Subject: **DEP Sewage Planning Module – Section J. Chapter 94
Consistency Determination, Calculation Review for:
308 S Highland Ave**

Upon review of the submittal by Hampton Technical Associates Inc. for the above referenced development I have determined that the projected flows are less than the design capacity of the PWSA sewers and, therefore the sewers should have adequate capacity for the proposed development.

d=	0.100	ft	*Flow Depth	$Q_{peak} =$	220,158	gpd		
r =	0.630	ft						
$\Theta =$	1.14	rad						
A=	0.0462	ft ²						
$P_w =$	0.720	ft						
$R_H =$	0.0642	ft						
Q=	0.097	cfs						
PROJECTED AVERAGE FLOW								
	$Q_{AVG, PROJECTED} =$	Qpeak projected /3.5		$Q_{pk, PROJECTED} =$	(Present Peak flow + Project Flow) * 1.05			
	$Q_{AVG, PROJECTED} =$	66,527	gpd	$Q_{peak, PROJECTED} =$	232,846	gpd		
VALUES BY ENGINEER								
		% DIFFERENCE						
Q_{full}	4,794,818	0%		* Design and/or Permitted Capacity Peak in	gpd			
$Q_{full, avg}$	1,369,948	0%						
Q_{avg}	62,356	-1%						
Q_{peak}	218,248	-1%						
$Q_{avg, proj}$	67,154	1%						
$Q_{peak, proj}$	235,038	1%						

June 15, 2018

Mr. David Weeber
Hampton Technical Associates
35 Wilson Street, Suite 201
Pittsburgh, PA 15223

**RE: 308 South Highland Avenue - 15206
PA DEP Sewage Facilities Planning Module**

Dear Mr. Weeber:

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

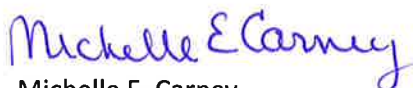
PWSA has signed in the correct location and forwarding back to you for processing to ALCOSAN for final signature. Contact Benjamin Smith at the City of Pittsburgh Law Department at (412-255-2014) to prepare the required City Resolution that Council will need to approve for this project.

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
Benjamin Smith – City of Pittsburgh Law Department
Michael Lichte – ALCOSAN
Ghassen Bejjani – RGB Shadyside, LLC
PWSA File

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
APPENDIX C: PROJECT NARRATIVE

Appendix C

Project Narrative

General

RGB Shadyside, LLC is proposing the remodeling of 308 S Highland ave from (2) 3-bedroom and (1) 5-bedroom Apartments into (4) 3-bedroom apartments. The following is a synopsis of the water and sewer tapping anticipated for the project.

Water Usage

The proposed apartments will obtain both Domestic Water Service (DCW) and Fire Suppression Water Service (FSL) via one (1) lateral tap to the existing 6-inch PWSA main line in Alder St. This tap location has been shown on the Plan. The proposed 4-inch tap will then be split to a 4-inch Fire Suppression Line and a 1.5-inch Domestic Line that will then be conveyed to the building, where both lines will be established with meter and RPZ Backflow Prevention just inside the building wall.

Sanitary Sewage Flow

Sanitary Sewage Flow from the proposed apartments will be routed through one (1) lateral that makes a wye connection with the storm lateral then a second wye connection to an existing 15-inch PWSA Combination Sewer in Greenbriar Way. All tap locations have been stationed on the plan. Flow travels west along Alder Street, where the flows then eventually make it to the Allegheny River Interceptor and onto ALCOSAN for treatment.

Stormwater

The stormwater runoff flow calculations related to runoff collected on the roof of the building which will then be conveyed via a 6-inch lateral which will have the sanitary line wye into it and both will wye together into the 15-inch PWSA sewer in Greenbriar Way. Flow then travels North to Alder St. Flow then eventually goes to the Allegheny River Interceptor and onto ALCOSAN's Woods Run WWTP for treatment. No SWM facilities are proposed because the development is less than 10,000 Sq Ft. and there will be no disturbance other than trenching the new laterals.

The projected sewage flows for the proposed project are as follows:

EXISTING WATER CONSUMPTION AND SEWER FLOWS

Apartment Calculation

(4) 3-bedroom apartments 4 x (400 gpd) = 1600 gpd

TOTAL EXISTING FLOWS **1,600 gpd**

PROPOSED WATER CONSUMPTION AND SEWER FLOWS 1,600 GPD

Total anticipated sewage flow for the Apartments is **1,600GPD.***

***Note: Existing Sanitary flows of 1,200 GPD means and increase of 400 GPD**

Sanitary Sewer Flows PWSA Main Sewer Line
(Capacity of PWSA Sewer line at public sewer line tap)

The dry weather depth of flow in the 15-inch PWSA combined sewer line running in Greenbriar Way was observed to have 0.1 feet of flow depth. The slope of the sewer line was calculated by using the inverts of manhole MH084K016 and MH084K007, which are the manholes directly upstream and downstream of the proposed tap locations. The average slope was found to be 2.0 (%) percent between the manholes. Flow Calculations for the PWSA main Sewer line are found below.

Design Peak Flow Calculations

$$Q = \left(\frac{1.486}{\eta} \right) * A * R^{2/3} * S^{1/2}$$

$$A = \left(\left(\frac{d}{12} \right) / 2 \right)^2 * \pi$$

$$R^{2/3} = \left(A / \left(\left(\frac{d}{12} \right) * \pi \right) \right)^{2/3}$$

$$S^{1/2} = (s)^{1/2}$$

Pipe

Q = Flow (cfs)

N = Manning's n Value = 0.016

d = Pipe diameter = 15 inches

s = pipe slope = 0.02 (ft/ft)

$$A = \left(\frac{15}{12} \right)^2 \pi = 1.227$$

$$R^{2/3} = \left(\frac{1.227}{\frac{15}{12} \pi} \right)^{2/3} = 0.4604$$

$$\sqrt{s} = \sqrt{0.02} = 0.1414$$

$$Q = \frac{1.486}{\eta} * 1.227 * 0.4604 * 0.1414 = 7.4187$$

$$7.4187 \times 86,400 \times 7.4805 = 4,794,818 \text{ GPD}$$

Design Peak Design Flow

Design Average Flow Calculations

$$Q_{avg} = \frac{Q_{peak}}{3.5}$$

$$Q_{avg} = 4,794,818/3.5=1,369,948$$

Average Design Flow

Present Average Flow Calculations

D = pipe Diameter = 15 inches

n = Manning's n Value = 0.016

S = pipe slope = 0.02 (ft/ft)

$$r = \frac{D}{2} = \frac{15}{2 \times 12} = 0.625 \text{ ft}$$

$$h = y = 0.1 \text{ ft}$$

$$\theta = 2 \cos^{-1} \left(\frac{r-h}{r} \right) = 2 \cos^{-1} \left(\frac{0.625 - 0.1}{0.625} \right) = 1.14703 \text{ Radians}$$

$$A = r^2 \left(\frac{1}{2} (\theta - \sin(\theta)) \right) = 0.625^2 \left(\frac{1}{2} (1.14703 - \sin(1.14703)) \right) = 0.0459$$

$$P = r \theta = 0.625 \times 1.14703 = 0.7168$$

$$R = \frac{A}{P} = \frac{0.0459}{0.716894} = 0.06402$$

$$Q = \frac{1.486}{n} A R^{2/3} \sqrt{S} = \frac{1.486}{0.016} \times 0.0459 \times 0.06402^{2/3} \sqrt{0.02} = 0.09647$$

$$Q_{avg} = 0.09647 \times 86,400 \times 7.4805 = 62,356 \text{ GPD}$$

Present Average Flow

Present Peak Flow Calculations

$$Q_{Peak} = Q_{avg} \times 3.5$$

$$Q_{peak} = 62,356 \times 3.5 = 218,248$$

Present Peak Flow

Projected Average Flow (5 years) Calculations

$$Q_{Pavg} = (Q_{avg} + Q_{project}) * 1.05$$

$$Q_{Pavg} = (62,356 + 1,600) * 1.05 = 67,154 \text{ Projected Average Flow}$$

Projected Peak Flow (5 years) Calculations

$$Q_{PPeak} = (Q_{avg} + Q_{project}) * 3.5 * 1.05$$

$$Q_{PPeak} = (62,356 + 1,600) * 3.5 * 1.05 = 235,038 \text{ Projected Peak Flow}$$



SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
APPENDIX D: PROPOSED WASTEWATER DISPOSAL FACILITIES

Appendix D

Proposed Wastewater Disposal Facilities

1. Collection System

The 308 S Highland Ave development will utilize an existing 6-inch public sewage collection system tap on an 15 inch combination sewer in Greenbriar Street.

2. Wastewater Treatment Facility

The 308 S Highland Ave development will be serviced by the existing ALCOSAN treatment facility.

3. Social Economic Justification

The proposed project does not involve a discharge of treated effluent.

4. Plot Plan

The proposed project involves remodeling of the existing dwelling. 308 S Highland Ave development consists of roughly 0.0768 acres. When fully remodeled, it will contain four (4) 3-bedroom apartments.

Drawing “Water and Sewer Tap-In Drawing”(SFP) provides a plot plan and addresses the requested information (as outlined in the Instructions for Completing Component 3 – Sewage Collection and Treatment Facilities) as summarized in Table D-1.

5. Wetland Protection

No wetlands have been identified within the proposed project area.

6. Primary Agricultural Land Protection

The 308 S Highland Ave development does not involve the disturbance of prime agricultural lands.

7. Historic Preservation Act

A Cultural Resources Notice was not submitted to the PMHC, Bureau of Historic Preservation. Per DEP/PMHD policies and procedures implementation of the history code list of Exemptions May 2066 (0120-PM-PY003a Rev. 5/2006) component 3 – sewage collection and treatment facilities is exempt if the earth disturbance is less than 10 acres. The earth disturbance for the site is less than 1 acre.

TABLE D-1

**The 308 S Highland Ave development
SEWAGE FACILITIES PLANNING MODULE**

PLOT PLAN

Information Requested	Plot Plan (Drawing SFP)
a. Existing and proposed buildings	Existing buildings in the project area are shown on Drawing “Water and Sewer Tap-In Drawing”.
b. Lot lines and lot sizes	Drawing “Water and Sewer Tap-In Drawing” shows the overall view of the proposed development. Refer to Appendix C for project narrative.
c. Adjacent lots	Drawing S“Water and Sewer Tap-In Drawing” shows adjacent properties.
d. Remainder of tract	Not Applicable.
e. Existing/proposed sewage facilities	The existing private collection system is identified on Drawing “Water and Sewer Tap-In Drawing”.
f. Tap-in or extension to point of connection of existing collection system	Tap-in to existing private sewer line is shown on Drawing “Water and Sewer Tap-In Drawing”.
g. Existing and proposed water supplies	The existing water main and taps are shown on Drawing “Water and Sewer Tap-In Drawing”.
h. Existing/proposed right-of-way	Not Applicable –
i. Existing/proposed buildings, streets, roadways, access roads, etc.	Drawing “Water and Sewer Tap-In Drawing” shows listed items.
j. Designated recreational/open area	Recreational and open spaces are identified on Drawing “Water and Sewer Tap-In Drawing”.
k. Wetlands	No wetlands have been identified within the 308 S Highland Ave development.
l. Flood plains/flood prone areas/floodways	Not Applicable.
m. Prime Agricultural Land	No agricultural lands are found on site.
n. Other Facilities	Drawing “Water and Sewer Tap-In Drawing” shows existing utility lines.
o. Orientation to North	Shown on Drawing “Water and Sewer Tap-In Drawing”.
p. Location of all site Testing Activities	Not Applicable.
q. Soil Type Boundaries	Shown on Drawing “Water and Sewer Tap-In Drawing”. UCD (Urban Land - Culleoka complex)
r. Topographic lines/elevations	Shown on Drawing “Water and Sewer Tap-In Drawing”.

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
APPENDIX E: CULTURAL RESOURCE NOTICE

Appendix E
Cultural Resource Notice

A Cultural Resources Notice was not submitted to the PMHC, Bureau of Historic Preservation. Per DEP/PMHD policies and procedures implementation of the history code list of Exemptions May 2066 (0120-PM-PY003a Rev. 5/2006) component 3 – sewage collection and treatment facilities is exempt if the earth disturbance is less than 10 acres. The earth disturbance for the site is less than 1 acre.

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
APPENDIX F: ALTERNATIVE SEWAGE FACILITIES ANALYSIS

Appendix F

Alternative Sewage Facilities Analysis

There are two options for providing sewage services to the proposed 308 S Highland Ave development. Option 1 is to create a new tap on an existing 15-inch PWSA public collection system that runs in Greenbriar Way just upstream of manhole MH084K007. The Pittsburgh Water and Sewer Authority (PWSA) owns and operates the line. PWSA has been consulted about providing sewage services to the project (Option 1) and this is their preferred option. Option 2 would be to construct an on-lot system within the development area. Some concerns with option 2 are that the area required to construct these facilities are not ideal for urbanized areas as they require a relatively large footprint. The project would not be economical viable with this option. Sewerage would be conveyed to both options via laterals from the restaurant and apartments.

1. The chosen disposal method is Option 1, an ultimate method, and that is to create a “Separated House Lateral One Connection to Main” tap-in to an existing 15-inch combination sewer line. The flow for the proposed development is 1,600 GPD or 4 EDU’s. Three (3) EDU’s are existing.
2. The surrounding properties are zoned for commercial and residential and are fully developed. They are serviced by Municipal Collection (Pittsburgh Water and Sewer Authority (PWSA). Regional Conveyance and Treatment Allegheny County Sanitary Authority (ALCOSAN).
3. The PWSA is in the process of completing local as well as regional and multi-municipal Feasibility Studies. At this time there is no indication that there would be public/private projects proposed. The PWSA has capacity to service the land uses.
4. The approved method of sewage disposal in the City of Pittsburgh’s Official Sewage Facilities Plan is public sewers.
5. There are no existing sewage management programs in the area.
6. The chosen method of tapping into an existing 15-inch combination collection system to serve the development would serve the short and long-term needs because it can convey the required 1,600 GPD (4 EDU’s), to meet the full development of the site. There is existing 3 EDU of use at the project site for an increase of 400 GPD.

Option 2 was not chosen because on-lot sewerage is not recommended in urban areas.

Using the current PWSA approved sewage flow estimates would result in an on-site system that may cover substantial amounts of land. The topography and urban nature of the surrounding area limit potential area that can support this method. This system is impractical to build and operate successfully over time and has been discounted in the evaluation.

A more detailed project narrative is contained in Appendix C of this submittal.

7.
 - a. An area of concern for picking the preferred disposal method was the need to avoid unnecessary earth disturbance and avoid methods that would have long term maintenance concerns that could degrade the environment.
 - b. The topography and soils will not work for subsurface absorption system and the flow is too large.
 - c. The sewage treatment plant to be utilized is the existing ALCOSAN facility that is permitted through the PADEP.
 - d. The existing sewage collection system-and proposed extension are adequately sized to accept the increase in flow.
 - e. The chosen disposal method is the most cost effective for the developer as it will require the least amount public infrastructure improvements to service the development. This method will minimize to the highest extent practicable the long-term maintenance costs for the new collection system.
8. The existing collection system is owned and operated by PWSA.

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
APPENDIX G: PNHP CORRESPONDENCE

1. PROJECT INFORMATION

Project Name: **308 S Highland Ave**

Date of Review: **4/19/2018 08:47:06 AM**

Project Category: **Development, Residential, single-family living unit (not located within a subdivision)**

Project Area: **0.10 acres**

County(s): **Allegheny**

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

ZIP Code: **15232**

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

Watersheds HUC 8: **Lower Allegheny**

Watersheds HUC 12: **Allegheny River-Ohio River**

Decimal Degrees: **40.457065, -79.925472**

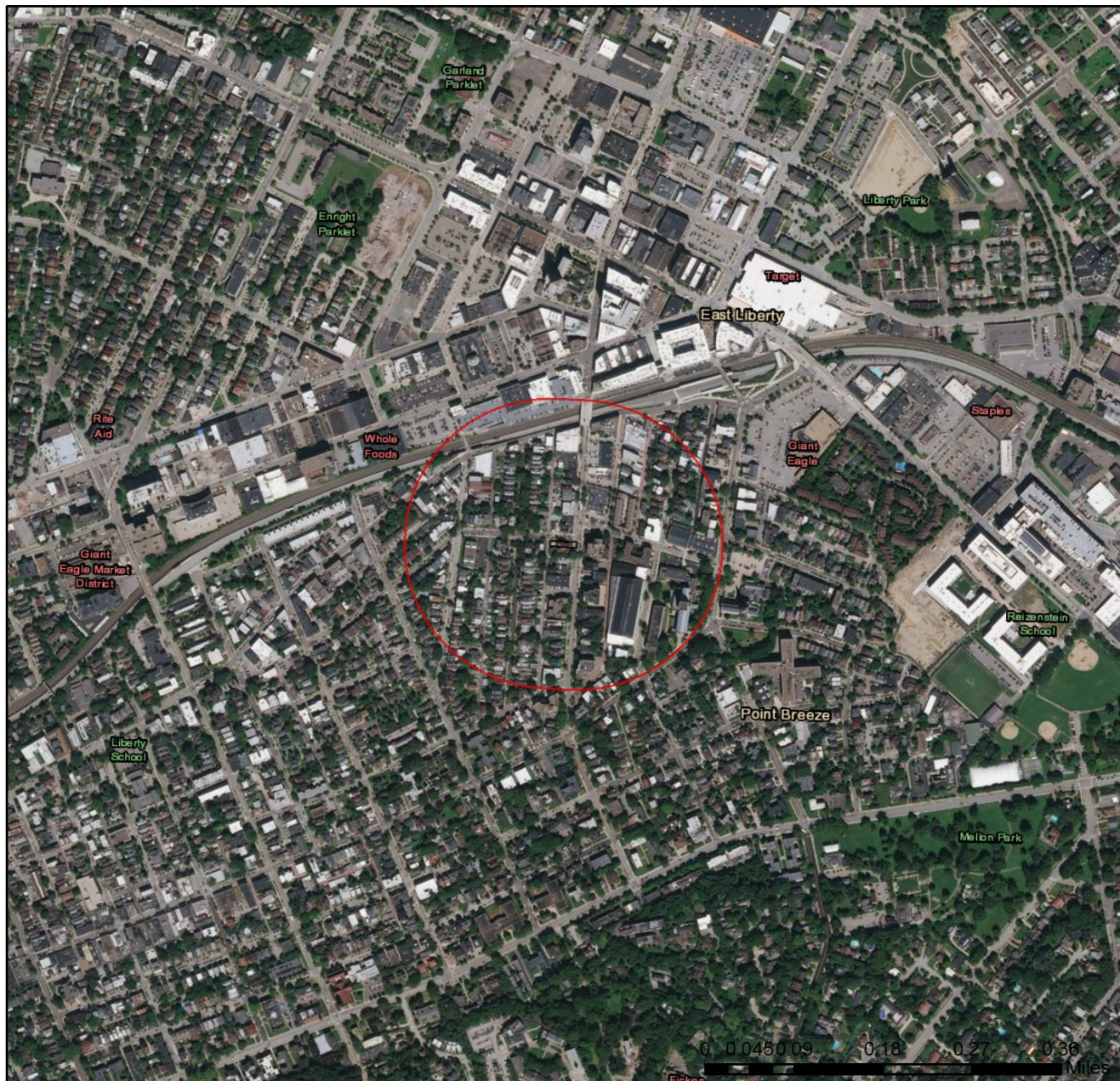
Degrees Minutes Seconds: **40° 27' 25.4332" N, 79° 55' 31.6988" W**

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.

308 S Highland Ave

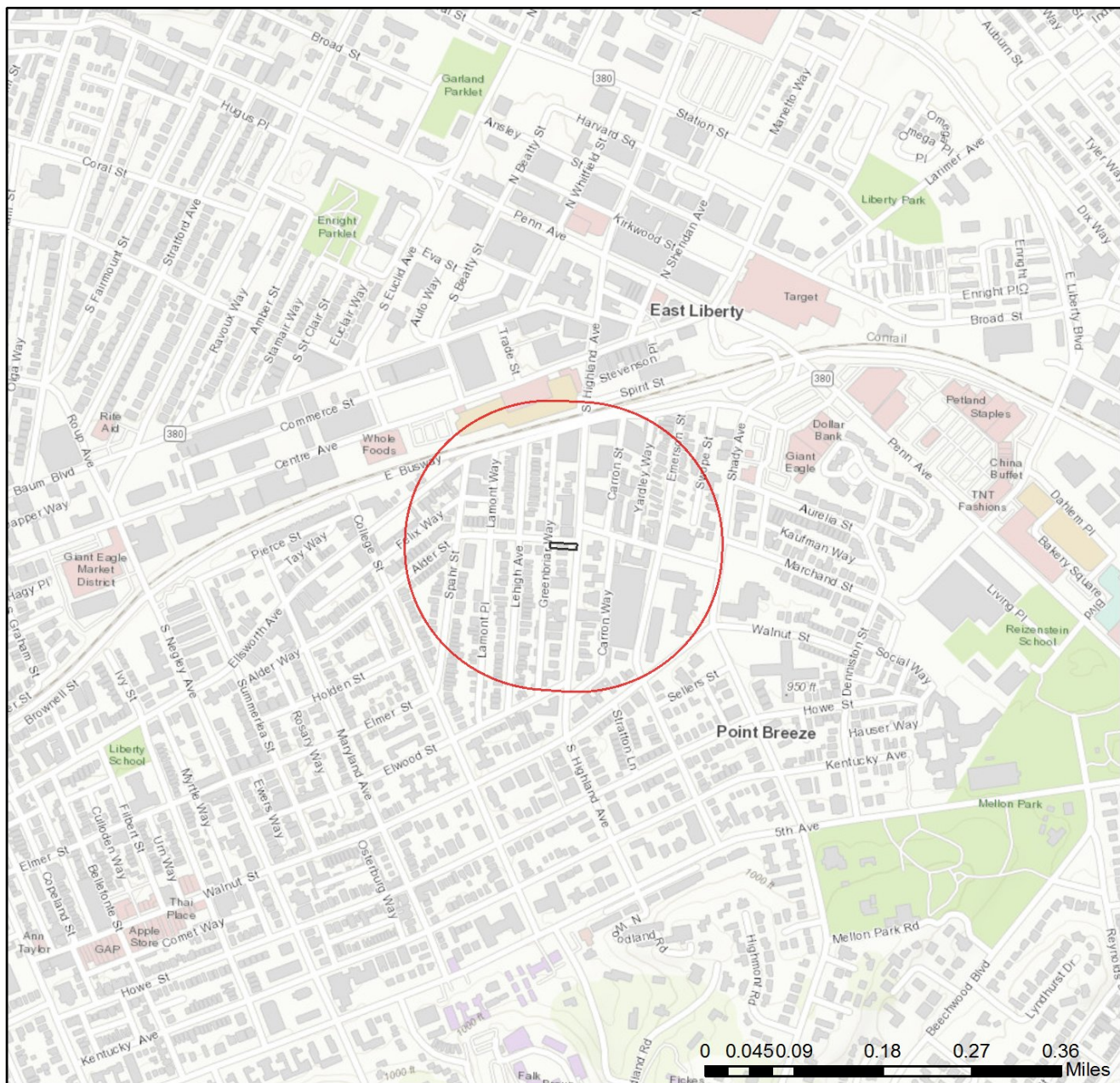


- ☐ Project Boundary
- ☐ Buffered Project Boundary



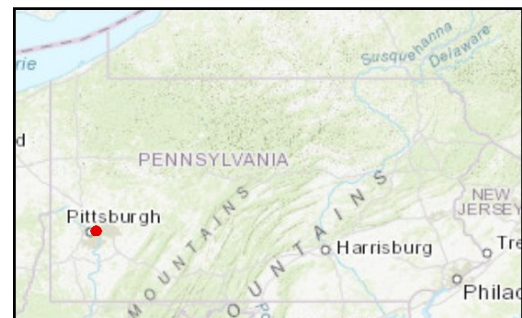
Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
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308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



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: David Weeber
Company/Business Name: Hampton Technical Associates, Inc
Address: 35 Wilson St. #201
City, State, Zip: Pittsburgh, PA 15223
Phone: (____) 412-781-9660x222 Fax: (____) _____
Email: DavidW@hampton-tech.net

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.

David D Weeber
applicant/project proponent signature

4/19/2018

date

SEWAGE FACILITIES PLANNING MODULE
308 S Highland Ave
APPENDIX H: PUBLIC NOTICE

Appendix H
Public Notice

Public notice was not filed because the necessary thresholds were not met in Component 3 – Sewage Collection and Treatment Facilities, Section P “Public Notification Requirement”. All questions were answered no, therefore a public notice is not required.

