

PLANNING MODULE
FOR
405 N. BEATTY STREET
Situates in

11th Ward, City of Pittsburgh
Allegheny County, Pennsylvania

Prepared by

KAG ENGINEERING, INC.
2704 Brownsville Road
Pittsburgh, PA 15227

#19-857

June 2020

Revised September 23, 2021

NARRATIVE
AND
CALCULATIONS

NARRATIVE

Name of Project: 405 N. Beatty Street

Address: 405 N. Beatty Street, Pittsburgh, PA 15206

Block & Lot Numbers: 83-K-291

Ward: 11th Ward

Current Use: 1 ½ story single family residence – has been demolished

Proposed Use: 4 townhouses

Method of Analysis

The slope, length, diameter, material, etc. of the 20-inch vitrified clay pipe combo sewer located in North Beatty Street north of the intersection of North Beatty Street and Rippey Street was obtained by a survey crew on January 15, 2020.

Robinson Pipe Cleaning measured the flow via a camera and tape measure on July 9, 2020 at approximately 8 AM.

The existing sanitary sewer connects to an existing sanitary sewer in N. Beatty Street, then drains into the Allegheny River interceptor and treated at ALCOSAN at the Woods Run Wastewater Treatment Plant (WWTP). The ALCOSAN Interceptor Point of Connection (POC) is MH083 K010.

The adjacent properties are residential properties. The City of Pittsburgh's Act 537 plan is dated October 4, 1999.

The Water Usage Breakdown is as follows:

Existing Sanitary Flows:

One Single Family Dwelling = 1 x 400 gpd	=	400 gpd
<i>Total Existing Flow</i>	=	<i>400 gpd</i>

Proposed Sanitary Flows:

4 Townhouses = 4 x 400 gpd	=	1,600 gpd
<i>Total Existing Flow</i>	=	<i>1,600 gpd</i>

Increase in sanitary flows: 1,600 gpd – 400 gpd = 1,200 gpd

Conclusion

The proposed sanitary flow increase of 1,200 gpd is greater than the 799 gpd allowable increase, therefore, a planning module is required

Storm Flows

Existing Impervious Area:

House, concrete = 2,003.76 s.f.

Proposed Impervious Area:

Townhouses, concrete = 3,452 s.f.

- 2,003.76 s.f.

1,448.24 s.f. increase in impervious area

Existing Storm Flow:

0.07 Acres Impervious (C = 0.95)

0.59 Acres Suburban, normal residential (C = 0.60)

Q = CIA

Q = (0.95)(5.80)(0.046) + (0.60)(5.80)(0.0745)

Q = 0.25 + 0.26

Q = 0.51 c.f.s.

Proposed Storm Flow:

0.0792 Acres Impervious (C = 0.95)

0.0413 Acres Suburban, normal residential (C = 0.60)

Q = CIA

Q = (0.95)(5.80)(0.0792) + (0.60)(5.80)(0.0413)

Q = 0.44 + 0.14

Q = 0.58 c.f.s.

Conclusion

Stormwater management is not required because the 1,448.24 s.f. increase in impervious area is less than the allowable 5,000 s.f. of impervious area.



**TRANSMITTAL LETTER
 FOR SEWAGE FACILITIES PLANNING MODULE**

DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) USE ONLY				
DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH. ID #

TO: Approving Agency (DEP or delegated local agency)
 Thomas E. Flanagan
 400 Waterfront Drive
 Pittsburgh, PA 15222-4745

Date June 2020

Dear Sir/Madam:

Attached please find a completed sewage facilities planning module prepared by Kimberly Gales-Dunn
 (KAG Engineering) for 405 Betty LLC for 404 N. Beatty Street
 (Title) (Name)
 a subdivision, commercial ,or industrial facility located in City of Pittsburgh - 11th Ward

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 (Official Plan), and is adopted for submission to DEP transmitted to the delegated LA for approval in accordance with the requirements of 25 Pa. Code Chapter 71 and the *Pennsylvania Sewage Facilities Act* (35 P.S. §750),

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 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, 25 Pa. Code 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.

- Resolution of Adoption
- Module Completeness Checklist
- 2 Individual and Community Onlot Disposal of Sewage
- 3 Sewage Collection/Treatment Facilities
- 3s Small Flow Treatment Facilities
- 4A Municipal Planning Agency Review
- 4B County Planning Agency Review
- 4C County or Joint Health Department Review

Municipal Secretary (print)

Signature

Date

Project No. _____

(PWSA USE ONLY)

THE PITTSBURGH WATER AND SEWER AUTHORITY ENGINEERING AND CONSTRUCTION DIVISION

WATER AND SEWER USE APPLICATION

(Return completed submittal package to The Pittsburgh Water and Sewer Authority (PWSA), Engineering and Construction Division)

This application is used for commercial or residential projects that propose connecting to the PWSA water or sewer system or propose changing the amount of PWSA water consumed and/or flows discharged to the PWSA sewer system.

A. GENERAL INFORMATION

1. Name of Land Development Project 405 N. Beatty Street
 Location of land development project. *Use landmark or address, if available (e.g., north side of Liberty Ave 75 ft. east of intersection of Liberty Ave and 6th St.)* 405 N. Beatty Street
Pittsburgh, PA 15206

2. Nature of Development. Check appropriate box and provide total flows.

	Total Water Consumption (gpd)	Total Sanitary Flows (gpd)	Total Storm Flows (cfs)
<input checked="" type="checkbox"/> Residential	<u>1,600 GPD (1,200 GPD increase)</u>	<u>1,600 GPD (1,200 GPD increase)</u>	<u>0.58 cfs</u>
<input type="checkbox"/> Commercial	_____	_____	_____

3. Acreage of development 0.1205 acres

4. Allegheny County Block & Lot Nos. 83-K-291

5. Ownership of Land Development

Name	Address
<u>405 Betty, LLC</u>	<u>4735 Butler Street</u>
_____	<u>Pittsburgh, PA 15201</u>

6. Applicant (Subdivider, Developer, or Responsible Project Agent)
 Name Kimberly Gales-Dunn, P.E., P.L.S.
 Address 2704 Brownsville Road, Pittsburgh, PA 15227
 Telephone 412-885-8885


B. WASTEWATER AND STORMWATER FACILITIES

Provide information on collection and treatment facilities.

1. **COLLECTION SYSTEM**
 - a. Number of proposed connections (sanitary and/or storm) 4 sanitary, 4 storm
 - b. Name of existing collection or conveyance system N. Beatty Street
 - c. Name of interceptor Allegheny
 - d. Name of treatment facility ALCOSAN

2. **SITE PLAN (24" x 36" maximum size accepted)**
 The following information is to be submitted on a site plan of the proposed subdivision.

a. Existing building.	f. Existing and proposed right(s)-of-way.
b. Lot lines and lot sizes.	g. Existing and proposed street, roadway, etc.
c. Remainder of tract.	h. Water bodies and wetland areas.
d. Orientation to North.	
e. Show proposed sewer line to the point of connection to existing collection system. Including all components (collection & conveyance lines, pumps, etc.)	



 Applicant Signature

8-23-21

 Date

Project No. (PWSA USE ONLY)

C. FALSE SWEARING STATEMENT (To be completed by individual completing the form)

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

405 N. Beatty Street

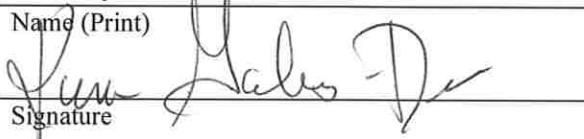
Name of Land Development Project (Same as on Page 1, Section A.1)

Kimberly Gales-Dunn, P.E., P.L.S.

Professional Engineer and Land Surveyor

Name (Print)

Title



2704 Brownsville Road, Pittsburgh, PA 15227

Signature

Address

412-885-8885

8-23-21

Telephone Number

Date

D. CHAPTER 94 CONSISTENCY (See PA Department of Environmental Protection Current Regulations)

The following certification is to be completed by the Pittsburgh Water and Sewer Authority agent and agency responsible for completing the (DEP) Chapter 94 report for the collection, conveyance, and treatment facilities.

I/we certify that the sewerage facilities proposed to serve the new land development described in this Planning Module are in compliance with the provisions of DEP Chapter 94, Municipal Wasteload Management and have adequate capacity to serve the sewage flows to be generated by this development, without creation of an overload or projected overload.

Collection System

Conveyance and Treatment

Signature of Responsible Agent _____ Date _____
 Pittsburgh Water and Sewer Authority

Signature of Responsible Agent _____ Date _____
 ALCOSAN

E. PLANNING AGENCY REVIEW

City of Pittsburgh Municipal Planning Agency

This development/project has been reviewed and:

- is consistent
- is not consistent (objections attached)

with programs of planning for the area of the proposed development administered by this planning agency under the municipalities Planning Code (53 P.S. § 10101-11202).

City of Pittsburgh _____ Date _____
 Department of City Planning Zoning Administrator

Stormwater Management

This development/project has been reviewed and:

- is consistent
- is not consistent (objections attached)

With programs of planning for the area of the proposed development administered by this planning agency under the current City of Pittsburgh storm water management regulations.

City of Pittsburgh _____ Date _____
 Department of City Planning Environmental Planner

County or Joint County Health Department

This development/project has been reviewed and:

- approval is recommended
- approval is not recommended (objections attached)

Allegheny County Health _____ Date _____
 Department Signature of Responsible Agent



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

Code No.

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

DEP USE ONLY

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

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

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

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

A. PROJECT INFORMATION (See Section A of instructions)

- Project Name 405 N. Beatty Street
- Brief Project Description Construct 4 townhouses

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

Municipality Name	County	City	Boro	Twp
City of Pittsburgh, 12th Ward	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Smith	Ben			Assoc. City Solicitor
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
414 Grant Street	313 City-County Building			
Address Last Line -- City	State	ZIP+4		
Pittsburgh	PA	15219		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-2014				

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

405 N. Beatty Street

Site Location Line 1
405 N. Beatty Street

Site Location Line 2

Site Location Last Line -- City
Pittsburgh

State
PA

ZIP+4
15206

Latitude
40°27'56"

Longitude
79°55'30"

Detailed Written Directions to Site East on Penn Avenue, left on N. Negley Avenue, right on Rippey Street, Left on N. Beatty Street, lot is on the corner.

Description of Site Single family dwelling

Site Contact (Developer/Owner)

Last Name

First Name

MI Suffix

Phone

Ext.

Onwugbenu

Emeka

412-973-9891

Site Contact Title

Site Contact Firm (if none, leave blank)

President

405 Betty, LLC

FAX

Email

Mailing Address Line 1

Mailing Address Line 2

4735 Butler Street

Mailing Address Last Line -- City

State

ZIP+4

Pittsburgh

PA

15201

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

Last Name

First Name

MI Suffix

Gales-Dunn

Kimberly

A

Title

Consulting Firm Name

P.E./P.L.S.

KAG Engineering, Inc.

Mailing Address Line 1

Mailing Address Line 2

2704 Brownsville Road

Address Last Line -- City

State

ZIP+4

Country

Pittsburgh

PA

15227

USA

Email

Area Code + Phone

Ext.

Area Code + FAX

kagales.gales.engineers@comcast.net

412-885-8885

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 4

Name of:

existing collection or conveyance system PWSA 20" VCP Combination Sewer North Beatty Street

owner PWSA

existing interceptor Allegheny

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 _____

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude _____ Longitude _____

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 _____
(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 _____

Name of Responsible Agent _____

Agent Signature _____ Date _____

(Also see Section I. 4.)

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (Continued)

3. PLOT PLAN

The following information is to be submitted on a plot plan of the proposed subdivision.

- a. Existing and proposed buildings.
- b. Lot lines and lot sizes.
- c. Adjacent lots.
- d. Remainder of tract.
- e. Existing and proposed sewerage facilities. - Plot location of discharge point, land application field, spray field, COLDS, or LVCOLDS if a new facility is proposed.
- f. Show tap-in or extension to the point of connection to existing collection system (if applicable).
- g. Existing and proposed water supplies and surface water (wells, springs, ponds, streams, etc.)
- h. Existing and proposed rights-of-way.
- i. Existing and proposed buildings, streets, roadways, access roads, etc.
- j. Any designated recreational or open space area.
- k. Wetlands - from National Wetland Inventory Mapping and USGS Hydric Soils Mapping.
- l. Flood plains or Flood prone areas, floodways, (Federal Flood Insurance Mapping)
- m. Prime Agricultural Land.
- n. Any other facilities (pipelines, power lines, etc.)
- o. Orientation to north.
- p. Locations of all site testing activities (soil profile test pits, slope measurements, permeability test sites, background sampling, etc. (if applicable).
- q. Soils types and boundaries when a land based system is proposed.
- r. Topographic lines with elevations when a land based system is proposed

4. WETLAND PROTECTION

YES NO

- a. Are there wetlands in the project area? If yes, ensure these areas appear on the plot plan as shown in the mapping or through on-site delineation.
- b. Are there any construction activities (encroachments, or obstructions) proposed in, along, or through the wetlands? If yes, Identify any proposed encroachments on wetlands and identify whether a General Permit or a full encroachment permit will be required. If a full permit is required, address time and cost impacts on the project. Note that wetland encroachments should be avoided where feasible. Also note that a feasible alternative **MUST BE SELECTED** to an identified encroachment on an exceptional value wetland as defined in Chapter 105. Identify any project impacts on streams classified as HQ or EV and address impacts of the permitting requirements of said encroachments on the project.

5. PRIME AGRICULTURAL LAND PROTECTION

YES NO

- Will the project involve the disturbance of prime agricultural lands?
If yes, coordinate with local officials to resolve any conflicts with the local prime agricultural land protection program. The project must be consistent with such municipal programs before the sewerage 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 KAG

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	3715256	13003396	341483	1195191	359037	1256631
Conveyance						
Treatment						

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 _____

Name of Responsible Agent _____

Agent Signature _____ Date _____

SECTION J-CHAPTER 94 CONSISTENCY DETERMINATION FOOTNOTES

PWSA COLLECTION – NORTH BEATTY STREET

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
PLANNING MODULE

- (1) Design/Permitted collection system average design capacity computed using static Manning's analysis based on existing 20" vitrified clay sewer, with a slope of 2.75%, Manning's n value of 0.015 and full flow depth, divided by a peaking factor of 3.5 for combination sewers = 3,715,256 gpd
- (2) Design/Permitted collection system peak design capacity computed using static Manning's analysis based on existing 20" vitrified clay sewer, with a slope 2.75%, Manning's n-value of 0.015 and full flow depth = 13,003,396 gpd
- (3) Present collection system peak flow computed using static Manning's analysis based on existing 20" vitrified clay sewer, with slope of 2.75%, Manning's n-value of 0.015 and measured flow depth of 0.16 feet = 1,195,191 gpd
- (4) Present collection system average flow computed using the present peak flows computed in footnote 3, divided by a peaking factor of 3.5 for combination sewers = 341,483 gpd
- (5) Projected collection system average flow computed using the present average flows computed in Footnote 3 plus project flows of 1,600 gpd, multiplied by a 5% growth factor = 359,037 gpd
- (6) Projected collection system peak flow using the present peak flows computed in Footnote 4 plus project flows of 1,600 gpd, multiplied by a 5% growth factor = 1,256,631 gpd

Note: An overview of the Manning's equation calculations referenced above are provided on the subsequent page.



DEP Sewage Planning Module				Date:	8/23/2021
Section J. Chapter 94 Consistency Determination				Calculation Review	
PROJECT NAME:		405 N. Beatty Stret		By: S.L.	
PROJECT FLOW:		1,600 gpd			
Formulas					
Manning Equation:				Q, flow, cfs	
Q= $(1.49/n) \cdot A \cdot R^{2/3} \cdot S^{1/2}$				n, roughness coefficient	
Θ= $2 \arccos((r-d/r))$				S, slope from PWSA records (ft/ft)	
A= $r^2(\Theta - \sin \Theta)/2$				D, sewer diameter, ft	
P _w = r*Θ				d, depth of flow measured, ft, (SUBMITTED WITH REPORT)	
R _H = A/P _w				Θ, central angle, radians	
				A, cross sectional area, ft ²	
				P _w , wetted perimeter, ft	
				R _H , hydraulic radius, ft	
SEWER PROPERTIES				Peaking Factor	
n=	0.015	D=	1.67 ft	3.5 combined sewers	
S=	0.0275	Material:	VCP	3 sanitary sewers	
DESIGN PEAK FLOW (FLOWING FULL)				AVERAGE DESIGN FLOW	
Q _{FULL} = 13,003,396 gpd				(Average flow is peak flow divided by peaking factor)	
D=	1.670 ft	Q _{FULL, avg} =		3,715,256 gpd	
r =	0.835 ft				
Θ=	6.28 rad				
A=	2.19 ft ²				
P _w =	5.25 ft				
R _H =	0.418 ft				
Q=	20.16 cfs				
PRESENT AVERAGE FLOW				PRESENT PEAK FLOW	
Q _{AVG} = 341,483 gpd				(Peak flow is peaking factor times the average flow)	
d=	0.186 ft	*Flow Depth	Q _{peak} =		1,195,191 gpd
r =	0.840 ft				
Θ=	1.36 rad				
A=	0.1339 ft ²				
P _w =	1.140 ft				
R _H =	0.1175 ft				
Q=	0.529 cfs				
PROJECTED AVERAGE FLOW					
Q _{AVG, PROJECTED} =		Q _{peak projected} / Peaking factor		Q _{PK, PROJECTED} = (Present Peak flow + Project Flow) * 1.05	
Q _{AVG, PROJECTED} =		359,037 gpd		Q _{PEAK, PROJECTED} =	
				1,256,631 gpd	

Flush It!

See where your wastewater goes when you flush!

About

A project by:



CIVICMAPPER

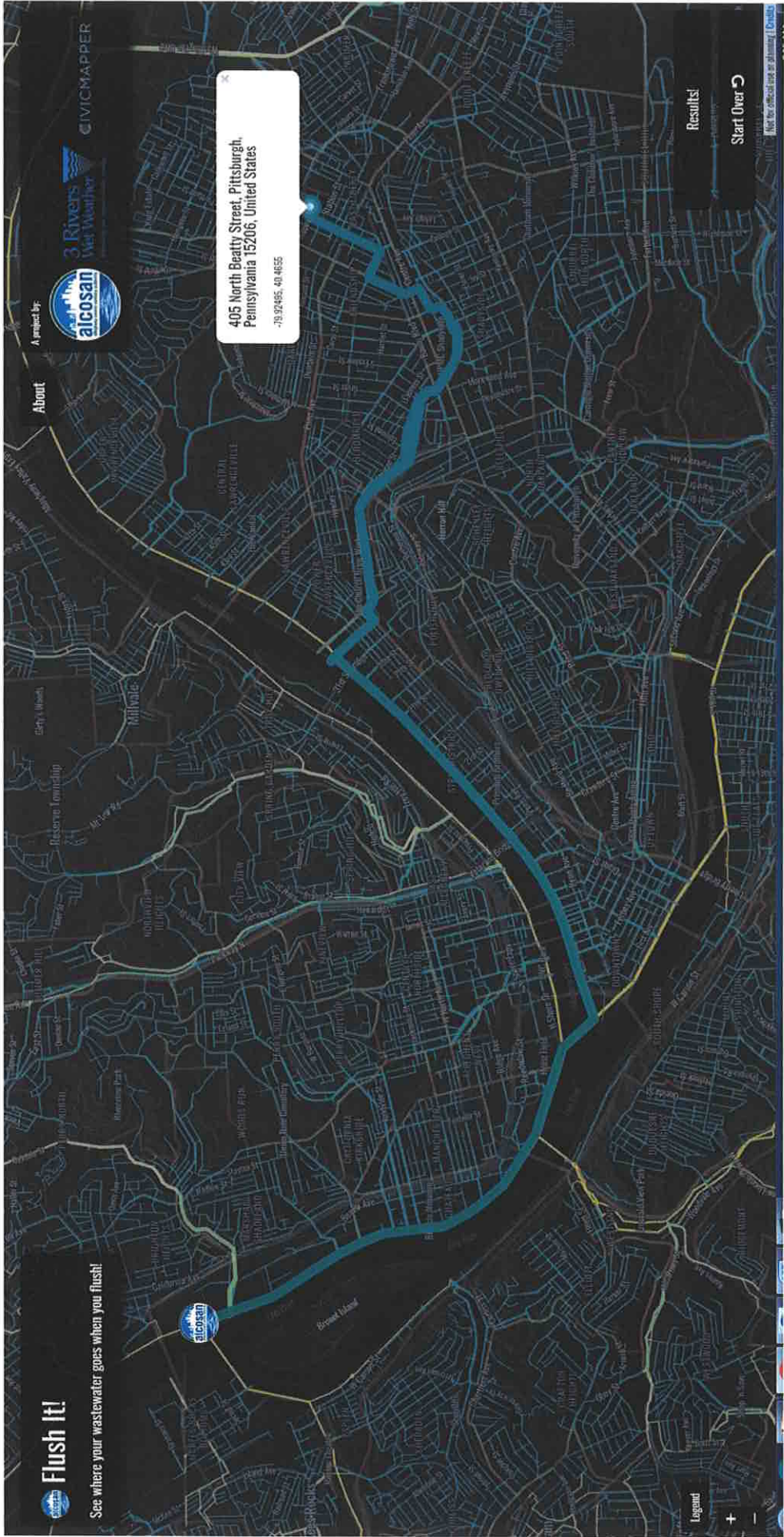
405 North Beatty Street, Pittsburgh,
Pennsylvania 15206, United States

-78.92495, 40.4655

Legend

Results!

Start Over



August, 25, 2021

Al Winkler
J.R. Gales and Associates
2704 Brownsville Road
Pittsburgh, PA 15227

Subject: Sewage Facilities Planning Module (SFPM)
Approval for Collection System Flows
Project Name: 20013.70 405 N. Beatty (Project)
PWSA Project No.: 20013.70

Dear Al:

Pursuant to your request, we have reviewed the SFPM and determined that the Project will not create a dry-weather hydraulic overload within the next five (5) years for any collection facility owned by the Pittsburgh Water and Sewer Authority (PWSA). We have enclosed for your use the electronically signed "Section J – Chapter 94 Consistency Determination". Please be advised that this approval is limited to the collection system portion of the SFPM.

Our review was based on information provided by others under the assumption that this information was accurate and complete. Should you have any questions, please do not hesitate to contact me directly at x5543 or BGrunauer@pgh2o.com.

Sincerely,

Ben Grunauer

Benjamin Grunauer, E.I.T.
Engineer III

Enclosures

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

To: Barry King, PE, PMP - Director of Engineering and Construction

From: Benjamin Grunauer, E.I.T.

Cc: Robert Herring, PE, PMP; e-Builder

Date: August 25, 2021

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

Chapter 94 Consistency Determination

Project Name: 20013.70 N. Beatty (Project)

Project Address: 405 North Beatty Street, Pittsburgh, PA 15206

PWSA Project Number: 20013.70

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

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

Our review was based on information provided by others under the assumption that this information was accurate and complete. Should you have any questions, please do not hesitate to contact me directly.

Enclosures

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	3715256	13003396	341483	1195191	359037	1256631
Conveyance						
Treatment						

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

PWSA

Name of Agency, Authority, Municipality _____

Name of Responsible Agent Barry King, PE, PMP / Director of E&C

Agent Signature [Signature]

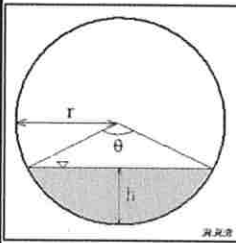
Date 8/25/2021

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

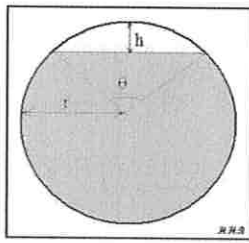
PROJECT NAME: 20013.70 N. Beatty
PWSA PROJECT NUMBER: 20013.70
PWSA REVIEWER: Benjamin Grunauer, E.I.T.
DATE: August 25, 2021

LEGEND: Input Data Output Data

Section A: Manning Equation for Partially Filled Pipes



Partially Full Pipe Flow Parameters
(Less Than Half Full)



Partially Full Pipe Flow Parameters
(More Than Half Full)

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

$$Q = \left(\frac{1.49}{n}\right) \times A \times R^{2/3} \times S^{1/2}$$

$$R = \frac{A}{P}$$

$$\theta = 2 \times \cos^{-1} \left(\frac{r-h}{r} \right)$$

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

OR

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

$$P_{<50\% \text{ Full}} = r \times \theta$$

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

Section B: Data for Calculations

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

Proposed Project Flows		
Variable	Value	Units
Q _p	1,600	gpd

Variable	Value	Units
Material	VCP	
n	0.015	unitless
S	0.028	ft/ft
h	0.186	ft
D	1.67	ft
P.F.	3.5	unitless

Section C: Calculations for Design and/or Permitted Capacities

Variable	Description	Definition
Q _{d, avg}	Design Capacity, Average	= full pipe flow conditions / peaking factor
Q _{d, peak}	Design Capacity, Peak	full pipe flow conditions

Design Capacity, Average		
Variable	Value	Unit
Q _{d, avg}	3,721,911	gpd

Design Capacity, Peak		
Variable	Value	Unit
D	1.670	ft
r	0.835	ft
A	2.190	ft ²
P	5.246	ft
R	0.418	ft
Q _{d, peak}	20	cfs
Q _{d, peak}	13,026,688	gpd

Section D: Calculations for Present Flows

Variable	Description	Definition
Q _{ex, avg}	Present Flows, Average	existing flow conditions per site investigations
Q _{ex, peak}	Present Flows, Peak	= existing flow conditions x peaking factor

Present Flows, Average		
Variable	Value	Unit
D	1.670	ft
r	0.835	ft
θ	1.36	rad
h/D	0.111377246	ft/ft
A	0.13	ft ²
P	1.14	ft
R	0.117	ft
Q _{ex, avg}	1	cfs
Q _{ex, avg}	340,926	gpd

Present Flows, Peak		
Variable	Value	Unit
Q _{ex, peak}	1,193,240	gpd

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

Variable	Description	Definition
Q _{proj, avg}	Projected Flows in Five (5) Years, Average	= Q _{proj, peak} ÷ P.F.
Q _{proj, peak}	Projected Flows in Five (5) Years, Peak	= (Q _{ex, peak} + Q _p) x 1.05

Projected Flow Calculations		
Variable	Value	Unit
Q _{proj, avg}	358,452	gpd
Q _{proj, peak}	1,254,582	gpd

Section F: Compare Results with Applicant's Submission

Variable	PWSA, gpd	Applicant, gpd	Difference, gpd	Difference, %
Q _{d, avg}	3,721,911	3,715,256	6,655	0%
Q _{d, peak}	13,026,688	13,003,396	23,292	0%
Q _{ex, avg}	340,926	341,483	-557	0%
Q _{ex, peak}	1,193,240	1,195,191	-1,951	0%
Q _{proj, avg}	358,452	359,037	-585	0%
Q _{proj, peak}	1,254,582	1,256,631	-2,049	0%

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

c. Conveyance System

Name of Agency, Authority, Municipality _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

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 _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

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

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

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

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

L. PERMEABILITY TESTING (See Section L of instructions)

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

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

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

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

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

O. SEWAGE MANAGEMENT (See Section O of instructions)

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

Yes No

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

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

2. Project Flows _____ gpd

Yes No

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

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

(For completion by non-municipal facility agent)

4. Collection and Conveyance Facilities

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

Yes No

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

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

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

- b. Collection System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

- c. Conveyance System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

5. Treatment Facility

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

Yes No

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

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

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

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

(For completion by the municipality)

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

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

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

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

Yes No

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

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

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

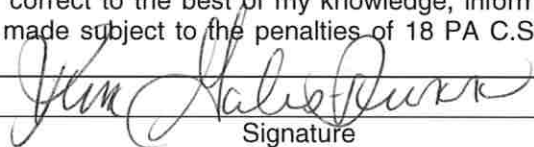
Q. FALSE SWEARING STATEMENT (See Section Q of instructions)

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

Kimberly Ann Gales-Dunn, P.E., P.L.S.
Name (Print)

Professional Engineer/Land Surveyor
Title

2704 Brownsville Road, Pittsburgh, PA 15227
Address


Signature

8-23-21
Date

412-885-8885
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 \$200.00 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.

$$\#4 \text{ _____ Lots (or EDUs) X } \$50.00 = \$ \underline{200.00}$$

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:

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

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

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

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:

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

June 2020
#19-857

City of Pittsburgh
Department of City Planning
200 Ross Street, Suite 309
Pittsburgh, PA 15219

ATTN: Ms. Martina Battistone
Manager of Development Services

RE: 405 N. Beatty Street
City of Pittsburgh – 11th Ward
Allegheny County

Dear Ms. Battistone:

Enclosed is a copy of the Transmittal Letter, Resolution and Component 4a and the Completeness Checklist for completion and signature by PWSA for the above referenced Planning Module. Once completed, please return it to our office so that we may insert in the Planning Module and submit to DEP.

A complete copy of the Planning Module is enclosed for your files.

If you should have any questions, or require additional information, please call our office.

Very Truly Yours,

KAG ENGINEERING, INC.

Kimberly Gales-Dunn, P.E., P.L.S.

Enclosures



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 _____

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

1. Date plan received by municipal planning agency _____
2. Date review completed by agency _____

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

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, <i>et seq.</i>)?
<input type="checkbox"/>	<input type="checkbox"/>	2. Is this proposal consistent with the comprehensive plan for land use? If no, describe the inconsistencies _____
<input 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 type="checkbox"/>	<input type="checkbox"/>	4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation?
<input type="checkbox"/>	<input type="checkbox"/>	5. Does this project propose encroachments, obstructions, or dams that will affect wetlands? If yes, describe impacts _____
<input type="checkbox"/>	<input type="checkbox"/>	6. Will any known historical or archaeological resources be impacted by this project? If yes, describe impacts _____
<input type="checkbox"/>	<input type="checkbox"/>	7. Will any known endangered or threatened species of plant or animal be impacted by this project? If yes, describe impacts _____
<input type="checkbox"/>	<input type="checkbox"/>	8. Is there a municipal zoning ordinance?
<input type="checkbox"/>	<input type="checkbox"/>	9. Is this proposal consistent with the ordinance? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input type="checkbox"/>	10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance?
<input type="checkbox"/>	<input type="checkbox"/>	11. Have all applicable zoning approvals been obtained?
<input type="checkbox"/>	<input type="checkbox"/>	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 _____

 14. Is this plan consistent with the municipal 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?
 If no, describe the inconsistencies _____

17. Name, title and signature of planning agency staff member completing this section:
 Name: _____
 Title: _____
 Signature: _____
 Date: _____
 Name of Municipal Planning Agency: _____
 Address _____
 Telephone Number: _____

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.

June 2020
#19-857

Allegheny County Health Department
Fran B. Clack Health Center
3901 Penn Avenue, Building No. 5
Pittsburgh, PA 15224

ATTN: Mr. Sam Shamsi
Environmental Health Engineer

RE: 405 N. Beatty Street
City of Pittsburgh – 11th Ward
Allegheny County

Dear Mr. Shamsi:

Enclosed is a copy of the Transmittal Letter, Resolution and Component 4c and the Completeness Checklist for completion and signature by the Borough for the above referenced Planning Module. Once completed, please return it to our office so that we may insert the Planning Module and submit to DEP.

A complete copy of the Planning Module is enclosed for your files.

If you should have any questions or require additional information, please do not hesitate to call our office.

Very Truly Yours,
KAG ENGINEERING, INC.

Kimberly Gales-Dunn, P.E., P.L.S.

Enclosures

COUNTY OF



ALLEGHENY

RICH FITZGERALD
COUNTY EXECUTIVE

December 2, 2021

Steve Lehrman, Jr.
J.R. Gales & Associates, Inc.
2704 Brownsville Road
Pittsburgh, PA 15227

RE: SEWAGE FACILITIES PLANNING MODULE
405 N. Beatty Street
City of Pittsburgh, ALLEGHENY COUNTY

Dear Mr. Lehrman:

Enclosed is a signed copy of Component 4C, County or Joint County Health Department Review, for the above-referenced development. This Planning Module Component was received on November 30, 2021. The project proposes the following:

Project Description:	405 N. Beatty Street. Proposing to construct four (4) townhouses at the site of a demolished 1-1/2 story single family residence (Block & Lot Number 83-K-291) located in the City of Pittsburgh, Allegheny County.
Sewage Flow:	1,600 GPD
Conveyance:	The flow from this site will be conveyed to the Pittsburgh Water and Sewer Authority (PWSA) collection system to the ALCOSAN POC A-22 to the Allegheny River interceptor and then to the ALOSAN Treatment Plant at Woods Run.
Sewer's Owner:	PWSA (collection) and ALCOSAN (interceptor)
Sewage Treatment Plant:	ALCOSAN.



DEBRA BOGEN, MD, DIRECTOR
ALLEGHENY COUNTY HEALTH DEPARTMENT

WATER POLLUTION CONTROL & SOLID WASTE MANAGEMENT
3901 PENN AVENUE • BUILDING 5 • PITTSBURGH, PA 15224-1318
PHONE: 412.578.8040 • FAX: 412.578.8053
WWW.ALLEGHENYCOUNTY.US/HEALTHDEPARTMENT



Steve Lehrman, Jr.
RE: SEWAGE FACILITIES PLANNING MODULE
405 N. Beatty Street
City of Pittsburgh, ALLEGHENY COUNTY
December 2, 2021
Page 2

Please be advised that a permit must be obtained from the Allegheny County Health Department's (ACHD) Plumbing Section prior to commencing any plumbing work for the proposed project. Plumbing work for which an ACHD Plumbing Permit must be obtained includes any plumbing work done on the site and any sewers, which will not be owned and operated by a municipality or a sewer authority. In addition, it should be noted that the approval of this sewage facilities planning module does not include approval of pipe size and/or type. Approval for pipe size and/or type must be obtained by filing a specific plumbing plan with the ACHD's Plumbing Section. If you should have any questions relative to ACHD's plumbing requirements please contact, Drew Grese, Acting Plumbing Chief at 412-578-8055.

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

Sincerely,



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

Enclosure

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

**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.

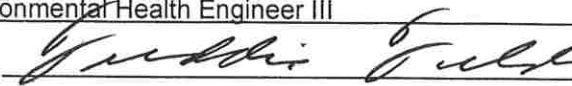
SECTION A. PROJECT NAME (See Section A of instructions)

Project Name
 405 N. Beatty Street

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

1. Date plan received by county or joint county health department November 30, 2021
 Agency name Allegheny County Health Department (ACHD)
2. Date review completed by agency December 2, 2021

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

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan? If no, what are the inconsistencies? _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	2. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? If yes, describe _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	3. Is there any known groundwater degradation in the area of this proposal? If yes, describe _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. The county or joint county health department recommendation concerning this proposed plan is as follows: <u>ACHD recommends approval. See attached letter.</u>
		5. Name, title and signature of person completing this section: Name: <u>Freddie Fields</u> Title: <u>Environmental Health Engineer III</u> Signature: <u></u> Date: <u>December 2, 2021</u> Name of County Health Department: <u>ACHD</u> Address: <u>3901 Penn Avenue, Building #5, Pittsburgh, PA 15224-1318</u> Telephone Number: <u>412-578-8046</u>

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

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

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



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

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

Background

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

Who Should Complete the Component?

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

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

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

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

Section A. Project Name

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

Section B. Review Schedule

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

Section C. Agency Review

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

Section D. Additional Comments

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

PNDI
SEARCH

1. PROJECT INFORMATION

Project Name: **405 N. Beatty Street**

Date of Review: **5/22/2020 08:38:43 AM**

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

Project Area: **0.12 acres**

County(s): **Allegheny**

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

ZIP Code: **15206**

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

Watersheds HUC 8: **Lower Allegheny**

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

Decimal Degrees: **40.465499, -79.924944**

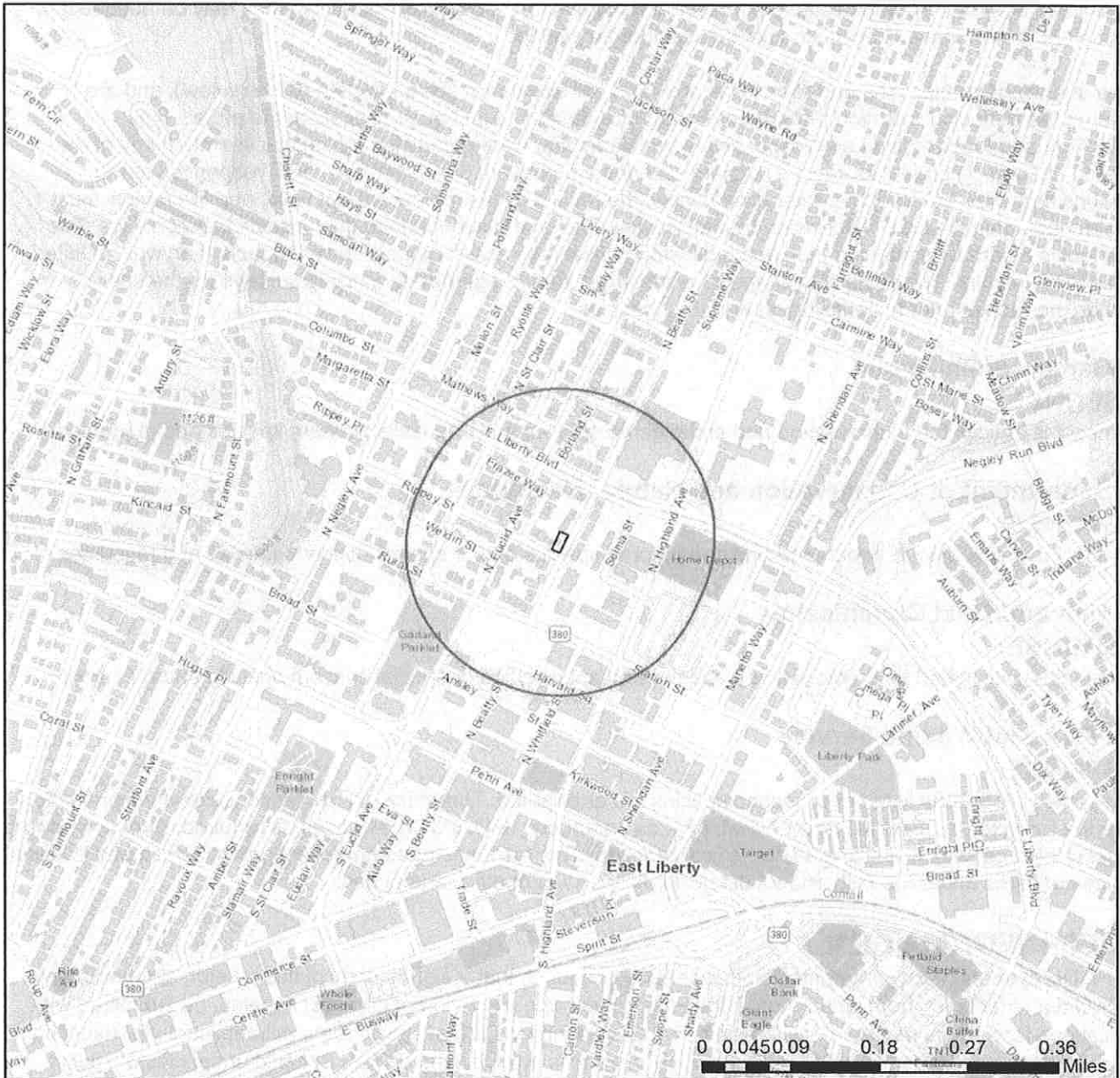
Degrees Minutes Seconds: **40° 27' 55.7977" N, 79° 55' 29.7971" W**

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

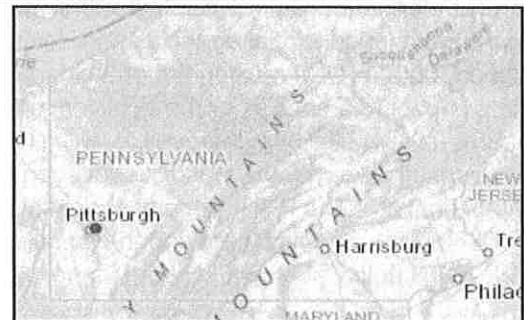
As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with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

405 N. Beatty Street



- 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,



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

PA Fish and Boat Commission

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

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

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: Kim Gales-Dunn
Company/Business Name: KAG Engineering, Inc.
Address: 2704 Brownsville Road
City, State, Zip: Pittsburgh, PA 15227
Phone: (412) 885-8888 Fax: ()
Email: kagales.gales.engineers@comcast.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.

Kim Gales-Dunn
applicant/project proponent signature

8-23-21
date

ACT 14 NOTIFICATIONS

June 2020
#19-857

County of Allegheny
County Council
Courthouse
436 Grant Street, Room 119
Pittsburgh, PA 15219

RE: 405 N. Beatty Street
City of Pittsburgh – 11th Ward
Allegheny County

Dear County Council:

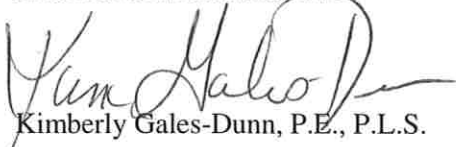
In accordance with Act 14, “Municipal/County Notifications of application for Water Quality Management and Related Permits”, this is notification 405 N. Beatty, LLC have made application for Planning Modules for 405 N. Neatty Street development in the City of Pittsburgh-11th Ward, Allegheny County, Pennsylvania.

We invite you to submit comments to DEP related to comprehensive plans and zoning ordinances under Act 67 and 68, which amended the MPC to support sound land use practices and Growing Smarter. The new law directs state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure.

Please identify any land use concerns or issues associated with the proposed project if there are any. Along with your comments, you are also encouraged to send as much information as necessary to support your comments. This can include a copy of the sections of your comprehensive plan that relate to the project and a copy of any applicable zoning ordinances; you may also want to identify locally designated growth area, Keystone Opportunity Zones, efforts to preserve open space and prime farmland and similar information.

If you should have any questions, or require additional information, please call our office.

Very Truly Yours,
KAG ENGINEERING, INC.



Kimberly Gales-Dunn, P.E., P.L.S.

CERTIFIED MAIL

June 2020
#19-857

Pittsburgh Water and Sewer Authority
Penn Liberty Plaza I
1200 Penn Avenue
Pittsburgh, PA 15222

ATTN: Mr. Robert A. Weimar
Executive Director

RE: 405 N. Beatty Street
City of Pittsburgh – 11th Ward
Allegheny County

Dear Mr. Weimar:

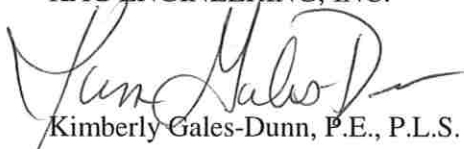
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We invite you to submit comments to DEP related to comprehensive plans and zoning ordinances under Act 67 and 68, which amended the MPC to support sound land use practices and Growing Smarter. The new law directs state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure.

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If you should have any questions, or require additional information, please call our office.

Very Truly Yours,
KAG ENGINEERING, INC.



Kimberly Gales-Dunn, P.E., P.L.S.

CERTIFIED MAIL

SERVICE
AVAILABILITY
REQUEST

June 2020
#19-857

ALCOSAN
3300 Preble Avenue
Pittsburgh, PA 152

ATTN: Mr. Michael Lichte

RE: 405 N. Beatty Street
City of Pittsburgh – 11th Ward
Allegheny County


Dear Mr. Lichte:

We are requesting a letter from ALCOSAN relating to their ability to accept sanitary sewer flow from the development.

Enclosed is a copy of the Planning Modules and Site Plan for the above referenced project for your review and approval.

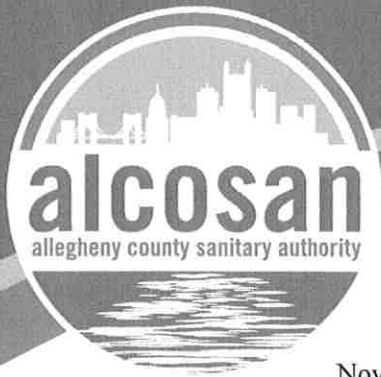
If you should have any questions or require additional information, please do not hesitate to call our office.

Very Truly Yours,
KAG ENGINEERING, INC.



Kimberly Gales-Dunn, P.E., P.L.S.

Enclosures



Members of the Board

Corey O'Connor
Chair Person

Harry Readshaw

Sylvia C. Wilson

Shannah Tharp-Gilliam, Ph.D.

Jack Shea

John Weinstein

Arletta Scott Williams
Executive Director

Douglas A. Jackson, P.E.
*Director
Operations & Maintenance*

Michelle M. Buys, P.E.
*Director
Environmental Compliance*

Kimberly N. Kennedy, P.E.
*Director
Engineering & Construction*

Karen Fantoni, CPA, CGMA
*Director
Finance*

Michael Lichte, P.E.
*Director
Regional Conveyance*

Jeanne K. Clark
*Director
Governmental Affairs*

Joseph Vallarian
*Director
Communications*

Julie Motley-Williams
*Director
Administration*

November 9, 2021

Steve Lehrman Jr., P.E.
J. R. Gales & Associates, Inc.
2704 Brownsville Road
Pittsburgh, PA 15227

Re: Service Availability for 405 N. Beatty Street

ALCOSAN Point of Connection A-22-00

Dear Mr. Lehrman:

Please be advised that ALCOSAN owns and operates the A-22-00 Diversion Structure, Allegheny River Interceptor and Woods Run Treatment Plant. Provided that all required planning modules and necessary permits are submitted and approved by the appropriate municipal and state regulatory agencies, ALCOSAN facilities are available to service the sanitary flows of your pending development.

Sincerely,

ALLEGHENY COUNTY SANITARY AUTHORITY

Joseph A. Sparbanie, P.E.
Civil Engineer



May 28, 2020

Al Winkler
2704 Brownsville Road
Pittsburgh, PA 15227

RE: Water and Sewer Availability
405 N. Beatty Street

Dear Mr. Winkler:

In response to your inquiry on 5/22/2020 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) 255-8800 x 8030. Thank you.

Sincerely,

A handwritten signature in cursive script that reads 'Wendy M. Dean'.

Wendy M. Dean
Engineering Tech II

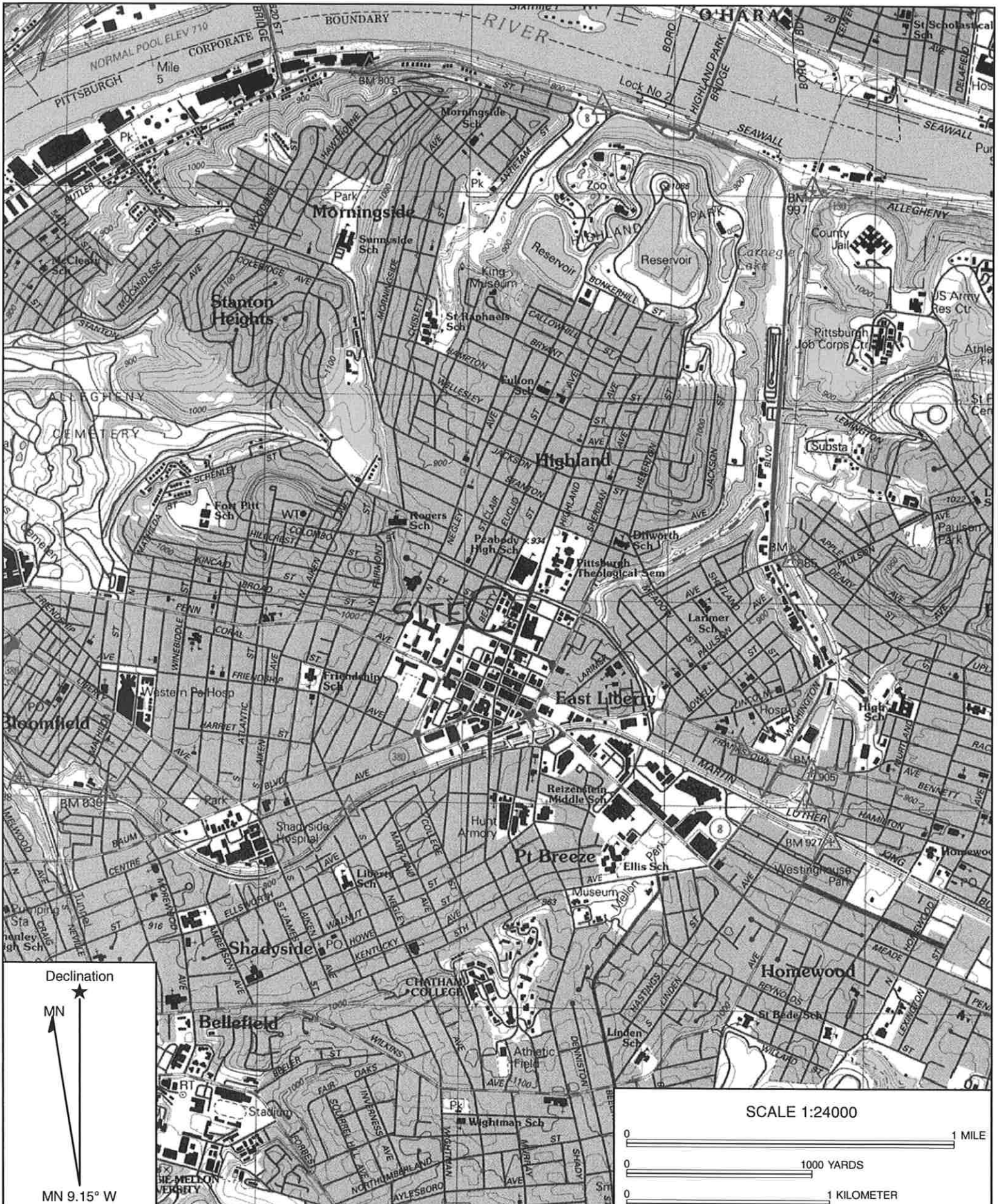
cc: PWSA File

REPORT ON
ALTERNATIVE ANALYSIS

ALTERNATIVE ANALYSIS

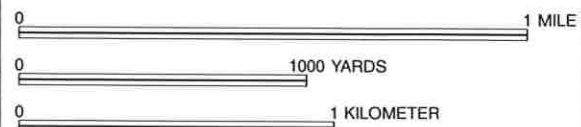
There currently are sanitary sewers available to service this project, which will provide for a connection for the proposed lots. The sewers have adequate capacity for the proposed development. The existing sanitary sewers are located on N. Beatty Street. There is no alternative way to service these lots.

LOCATION
MAP



Declination
 MN
 MN 9.15° W

SCALE 1:24000



Name: PITTSBURGH EAST
 Date: 05/21/20
 Scale: 1 inch = 2,000 ft.

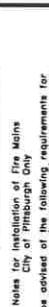
Location: 040° 27' 55.00" N 079° 55' 30.00" W

PROPERTY
INFORMATION

HYDRANT FLOW TEST DATA
 (REQUIRED FOR SANS LARGER THAN 1-1/2")
 Test performed by: JOSEPH A. LANZI
 ...MPS... Worksheet No.: DONT_F0028611

Hydrant Number	FLOW HYDRANT	PRESSURE HYDRANT
A-1304	A-1304	A-90
Location	FSK & BUTLER	41ST & BUTLER
Static Pressure (PSI)	X	90
Residual Pressure (PSI)	X	85
Flow Observed (GPM)	1405	X

Fire Protection Demands:
 Sprinkler System Peak Demand: SEE DEMAND
 Inside Hose Demand: 300 GPM
 Outside Hose Demand: 300 GPM
 Standpipe System Demand: SEE DEMAND
 Standpipe Fire Hydrant Demands: SEE DEMAND

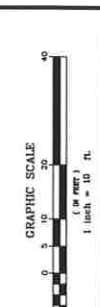


Notes for Installation of Fire Mains
 The City of Pittsburgh has the following requirements for installing fire service (underground) mains and their appurtenances in the City of Pittsburgh, as set forth in the City of Pittsburgh Code, Chapter 15-101, Section 15-101-01. Application for this permit must be made to the City of Pittsburgh, Department of Public Works, Bureau of Engineering, 300 North 15th Street, Pittsburgh, PA 15222. Plans bearing the name of the engineer, architect, or contractor, and the permit issued, shall be submitted to the City of Pittsburgh, Department of Public Works, Bureau of Engineering, 300 North 15th Street, Pittsburgh, PA 15222. A Contractor's Material and Test Certificate for Underground Piping must be completed, and given to the City of Pittsburgh, Department of Public Works, Bureau of Engineering, 300 North 15th Street, Pittsburgh, PA 15222. Failure to comply may result in fines and/or a stop work order.

NOTE: Permits for the interior sprinkler/standpipe system shall be obtained from the City of Pittsburgh and installed. Have been inspected, and approved.

PREPARED BY:
 JAMES W. ...
 2724 BROWNVILLE ROAD
 PITTSBURGH, PA 15227

OWNER/DEVELOPER:
 405 BEATTY LLC
 405 BEATTY STREET
 PITTSBURGH, PA 15201
 412-932-9891



405 N. BEATTY STREET
 STORM TAP-IN
 SANITARY TAP-IN
 WATER TAP-IN
 PITTSBURGH, PA 15219
 SCALE: 1"=10'
 SHEET NO. ACCESSION NO. C-...
 DATE: 5-20-20 1 OF 3 CASE NO. 19-007



ENGINEER INFORMATION:
 405 N. BEATTY STREET
 HUDSON 63-A LOT 204
 DIB 2020 57 119
 51. BEATTY LOT 16.3
 PLY 86 PG 103

AREA SUMMARY:
 LOT 1 1,162.36 ACRES
 LOT 2 1,162.36 ACRES
 LOT 3 1,162.36 ACRES
 LOT 4 1,162.36 ACRES
 TOTAL 4,650.00 ACRES

COMMISSIONER:
 JOSEPH A. LANZI
 405 BEATTY LLC
 PITTSBURGH, PA 15201
 412-932-9891

THE PITTSBURGH WATER AND SEWER AUTHORITY

APPROVAL FOR:

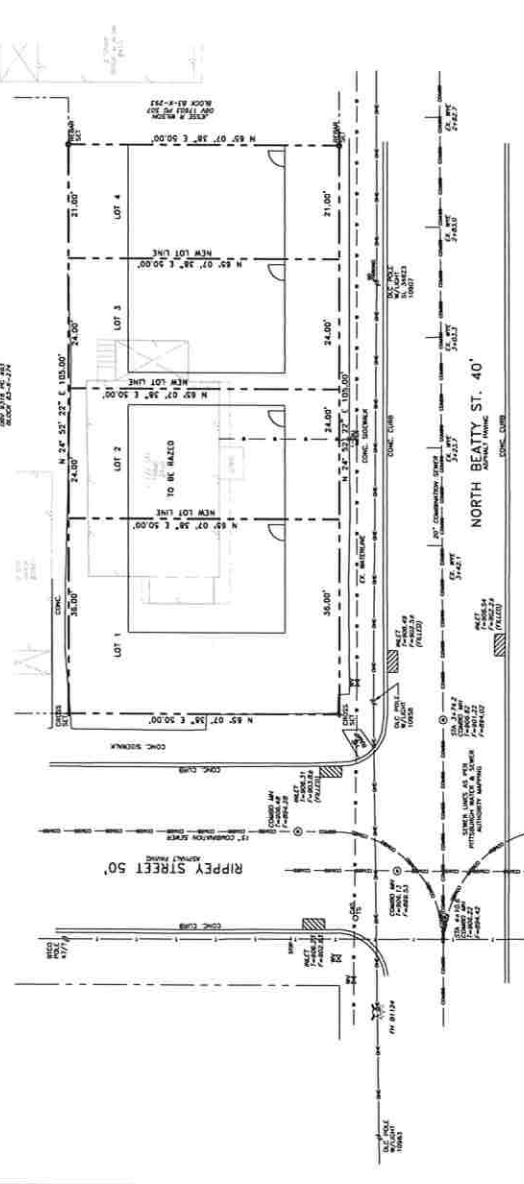
MR. WALTER H. ...
 MR. ...
 MR. ...
 MR. ...
 MR. ...
 MR. ...
 MR. ...

COMMISSIONER:
 JOSEPH A. LANZI
 405 BEATTY LLC
 PITTSBURGH, PA 15201
 412-932-9891

WATER AND SEWER FLOW DATA

WATER CONSUMPTION	XXX	0
SANITARY FLOW	XXX <td>0</td>	0
STORM FLOW	0	0

PLAN NUMBER: ...
 PA DEP. APPROVAL DATE: ...



REVISIONS

NO.	DATE	CHARACTER	DATE
1			
2			

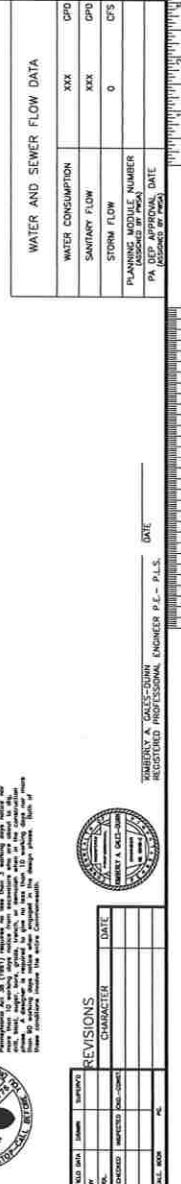
ONE CALL SERIAL #XXXXX

NOTE: The utility locators shown on this plan are approximate and information supplied by the PA One Call System. Call PA One-Call at 1-800-242-1776 Toll Free for additional utility locations.

Make sure dig operators in Pennsylvania STOP Call PA One-Call at 1-800-242-1776 Toll Free for additional utility locations.

REGISTERED PROFESSIONAL ENGINEER P.E. - P.L.S. DATE

REGISTERED PROFESSIONAL ENGINEER P.E. - P.L.S. DATE



Parcel ID : 0083-K-00291-0000-00
 Property Address : 405 N BEATTY ST
 PITTSBURGH, PA 15206

Municipality : 111 11th Ward - PITTSBURGH
 Owner Name : 405 BETTY LLC

School District :	Pittsburgh	Neighborhood Code :	11103
Tax Code :	Taxable	Owner Code :	Corporation
Class :	Residential	Recording Date :	3/19/2020
Use Code :	SINGLE FAMILY	Sale Date :	2/26/2020
Homestead :	No	Sale Price :	\$200,000
Farmstead :	No	Deed Book :	17971
Clean And Green	No	Deed Page :	85
Other Abatement :	No	Lot Area :	5,250 SQFT

2020 Full Base Year Market Value

Land Value	\$45,000
Building Value	\$58,100
Total Value	\$103,100

2020 County Assessed Value

Land Value	\$45,000
Building Value	\$58,100
Total Value	\$103,100

2019 Full Base Year Market Value

Land Value	\$45,000
Building Value	\$58,100
Total Value	\$103,100

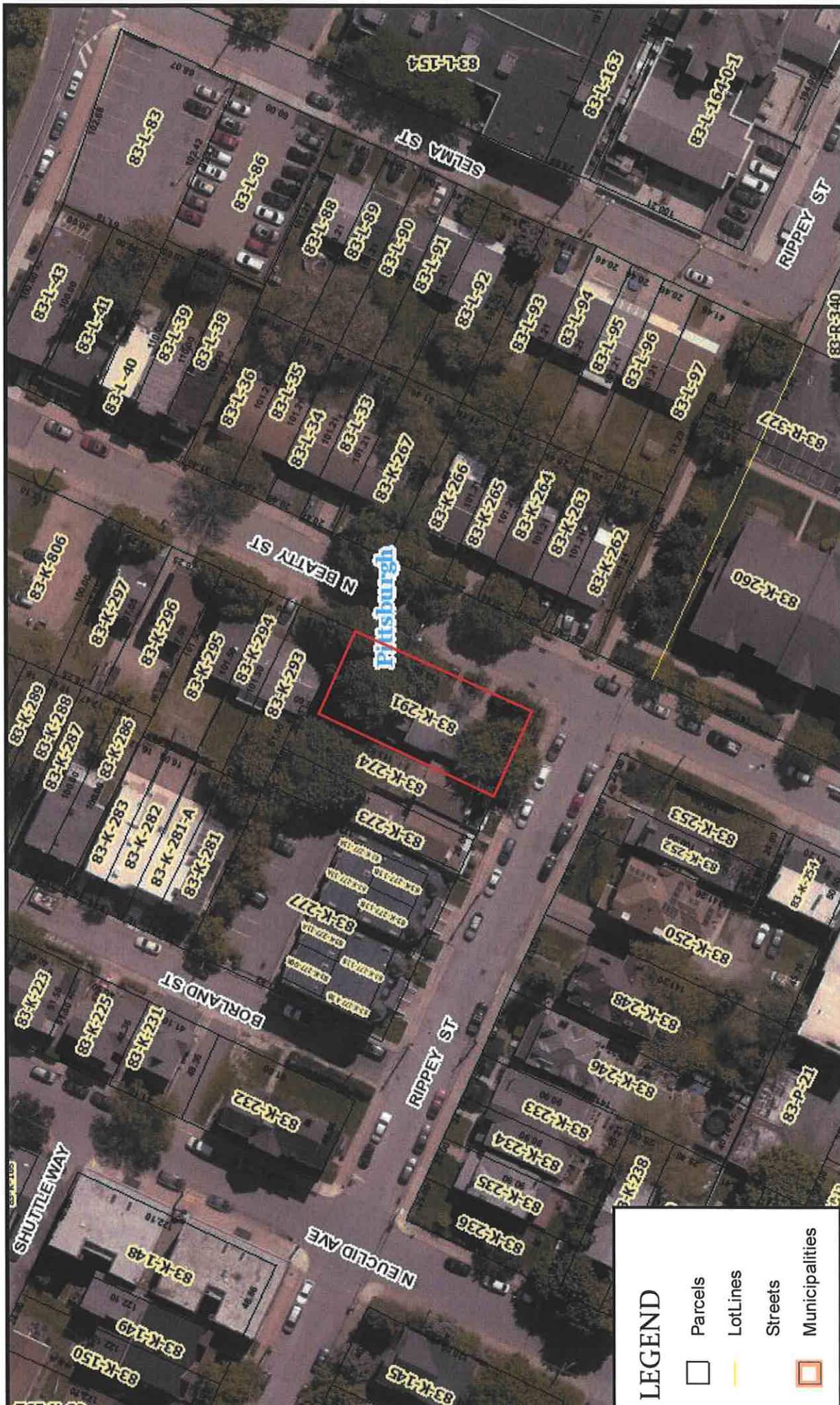
2019 County Assessed Value

Land Value	\$45,000
Building Value	\$58,100
Total Value	\$103,100

Address Information

Owner Mailing : 4735 BUTLER ST
 PITTSBURGH, PA 15201-2907

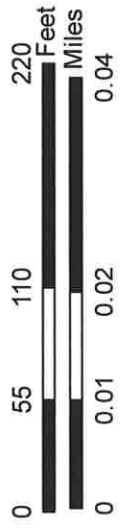
PIN: 0083K00291000000



LEGEND

-  Parcels
-  LotLines
-  Streets
-  Municipalities

This map is for informational purposes only. Parcel information is provided from the Office of Property Assessments in Allegheny County. Content and availability are subject to change. Property characteristics and values change due to a variety of factors such as court rulings, municipality permit processing and subdivision plans. Excludes name and contact information for property owners, as required by Ordinance 3478-07. For additional information, call the Allegheny County GIS Help Desk at (412) 350-4774 or email at GISHelp@AlleghenyCounty.PA.us.



WGS84 Web Mercator



COMPLETENESS
CHECKLIST

Checklist



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

Completeness Checklist

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

Sewage Collection and Treatment Facilities

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

Municipal Action

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

Signature of Municipal Official

Date submittal determined complete