

PLANNING MODULE

FOR

3713-3719-3721 BUTLER STREET

Situate in

6th Ward, City of Pittsburgh
Allegheny County, Pennsylvania

Prepared by

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

#11-584

October 2018

Revised June 28, 2019

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 the 3713-3719-3721 Butler Street Land Development project, located at 3713-3719-3721 Butler Street of Pittsburgh, PA, 15201.

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, Penn Pioneer Enterprises. LLC has proposed the development of a certain parcel of land identified as 3713-3719-3721 Butler Street, Pittsburgh, Pennsylvania 15201, Allegheny County, at Blocks and Lots 0049-J-00089-0000-00, 0049-J-00092-0000-00, & 0049-J-00093-0000-00 in the 6th 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 3713-3719-3721 Butler Street Land Development project, located at 3713-3719-3721 Butler Street of Pittsburgh, PA, 15201, Allegheny County, at Blocks and Lots 0049-J-00089-0000-00, 0049-J-00092-0000-00, & 0049-J-00093-0000-00 in the 6th 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.

NARRATIVE
AND
CALCULATIONS

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 3713-3719-3721 Butler 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.)* 3713-3719-3721 Butler Street
Pittsburgh, PA 15201
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>6,310 GPD (5,510 GPD increase)</u> | <u>6,310 GPD (5,510 GPD increase)</u> | <u>1.026 cfs</u> |
| <input type="checkbox"/> Commercial | _____ | _____ | _____ |
3. Acreage of development 0.2135 acres
4. Allegheny County Block & Lot Nos. 49-J-92, 49-J-93, 49-J-89
5. Ownership of Land Development
- | Name | Address |
|--|-----------------------------|
| <u>E. Properties & Development</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) 1 sanitary, 1 storm
- b. Name of existing collection or conveyance system Mulberry Way
- 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.) | |

Kimberly Gales-Dunn
Applicant Signature

3-29-19
Date

Project No.

(PWSA USE ONLY)

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

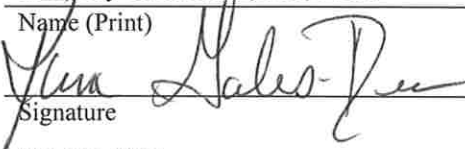
I verify that the statements made in the Component are true and correct to the best of my knowledge, information, and belief. I understand that false statements in this Components are made subject to the penalties of 18 PA C.S.A. § 4904 relating to unsworn falsification to authorities.

3713-3719-3721 Butler Street

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

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

Professional Engineer and Land Surveyor
Title


Signature

2704 Brownsville Road, Pittsburgh, PA 15227
Address

412-885-8885
Telephone Number

11-8-19
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 _____
Department of City Planning Zoning Administrator Date

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 _____
Department of City Planning Environmental Planner Date

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 Department _____
Department Signature of Responsible Agent Date

NARRATIVE

Name of Project: 3713-3719-3721 Butler Street
Address: 3713-3719-3721 Butler Street, Pittsburgh, PA 15201
Block & Lot Numbers: 49-J-89, 49-J-92, 49-J-93
Ward: 6th Ward
Current Use: Two-story duplex
Proposed Use: Private garage and apartments and small retail

The Water Usage Breakdown is as follows:

Existing Sanitary Flows:

1 Duplex Building (2 Units) = 2 x 400 gpd = 800 gpd
Total Existing Flow = 800 gpd

Proposed Sanitary Flows:

9 One Bedroom Apartments = 9 x 150 gpd = 1,350 gpd
13 Two Bedroom Apartments = 13 x 300 gpd = 3,900 gpd
2 Three Bedroom Apartments = 2 x 400 gpd = 800 gpd

Retail/Restaurant 1,300 sf/ 50 sf person
= 26 persons x 10 gpd = 260 gpd

Total Existing Flow = 6,310 gpd

Increase in sanitary: 6,310 gpd – 800 gpd = 5,510 gpd

Conclusion

The proposed sanitary flow increase of 5,510 gpd is greater than the 799 gpd allowable increase, therefore, a planning module is required

Storm Flows

Existing Impervious Area:

House, shed & asphalt = 5,638 s.f.

Proposed Impervious Area:

Apartment building = 9,300 s.f.

- 5,638 s.f.

3,662 s.f. increase in impervious area

Conclusion

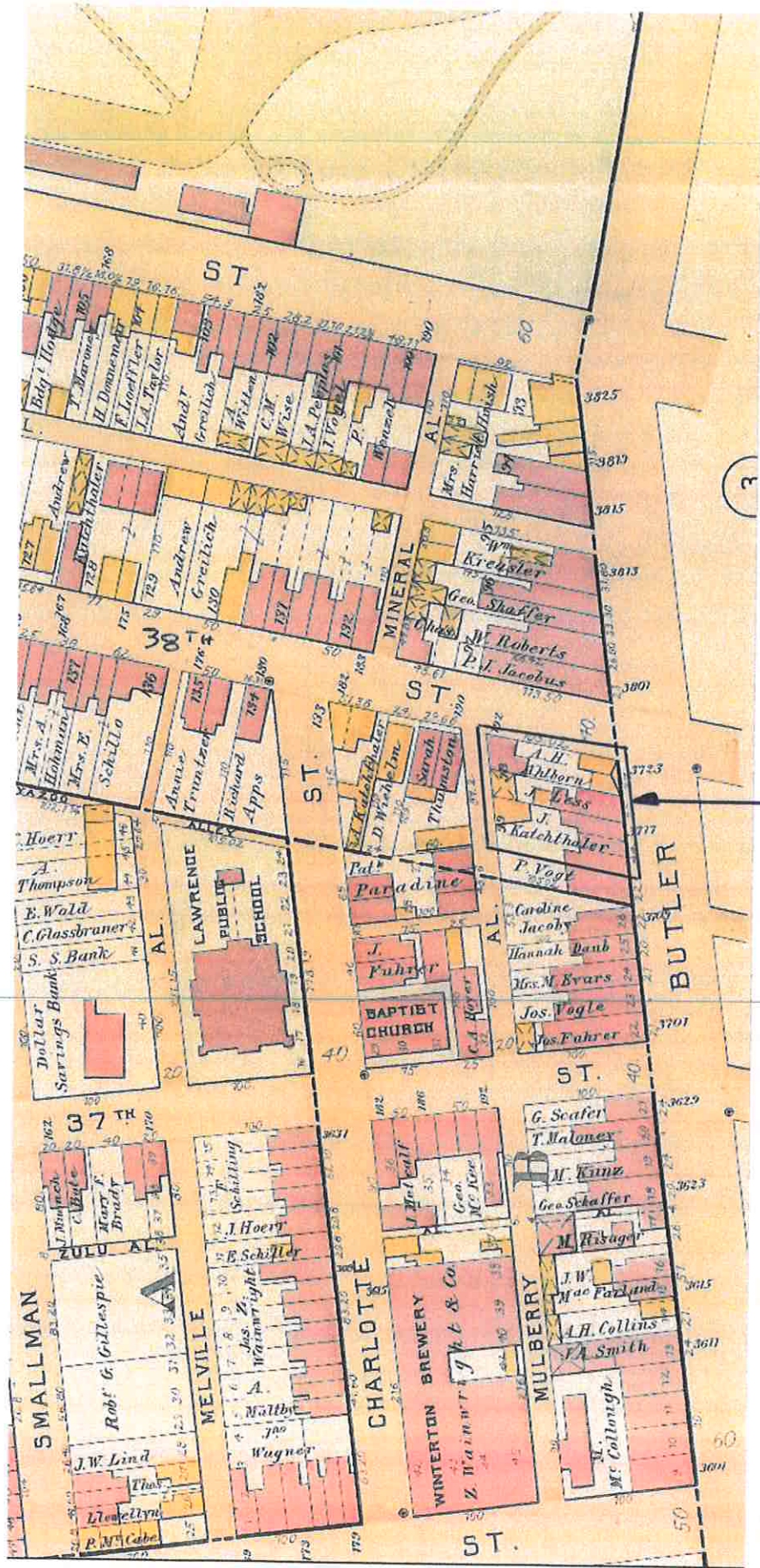
Stormwater management is not required because the 3,662 s.f. increase in impervious area is less than the allowable 5,000 s.f. of impervious area.

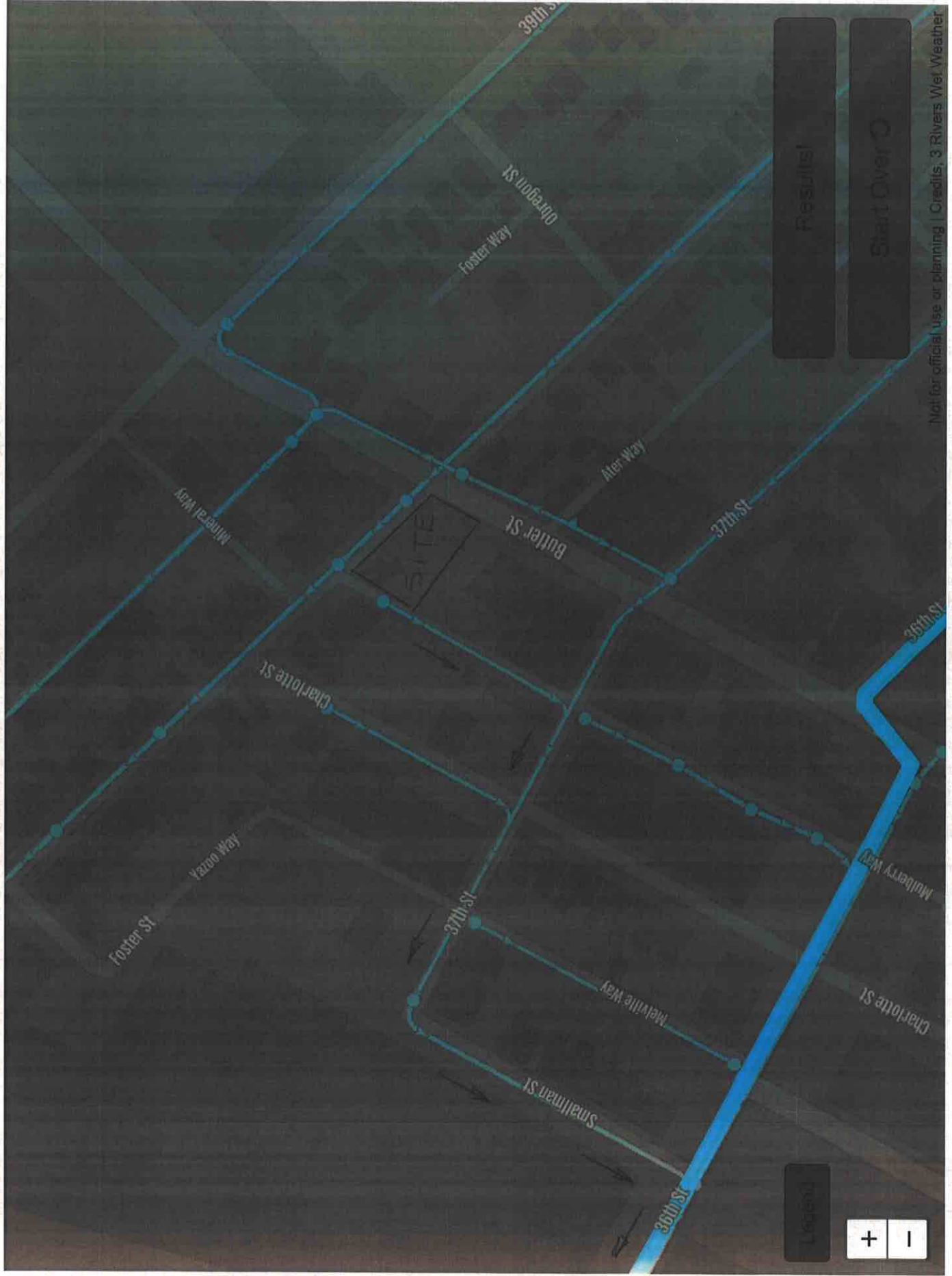
Proposed earth disturbance = 9,300 s.f.

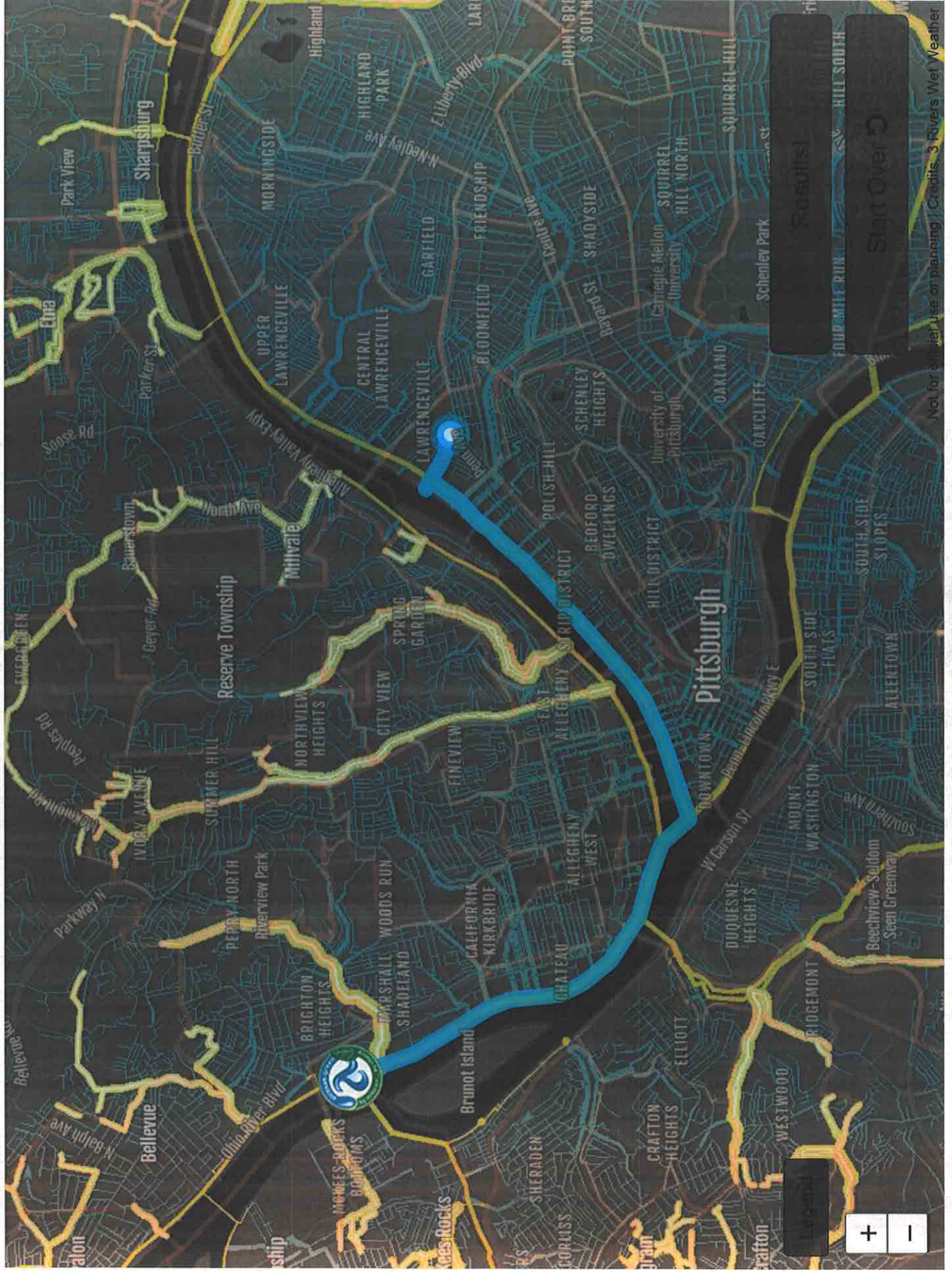
Conclusion:

Stormwater management is not required because the proposed earth disturbance is less than 10,000 s.f.

HISTORIC MAP







Not for official use or planning. Credits: 3 Rivers Wet Weather



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

Date October 2018

Dear Sir/Madam:

Attached please find a completed sewage facilities planning module prepared by Kimberly Gales-Dunn
 Professional Engineer/Land Surveyor for 3713-3719-3721 Butler Street
 a subdivision, commercial ,or industrial facility located in 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 (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

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

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

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

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

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

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

A. PROJECT INFORMATION (See Section A of instructions)

1. Project Name 3713-3719-3721 Butler Street
2. Brief Project Description 24 apartments and small retail shop

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

Municipality Name	County	City	Boro	Twp
Pittsburgh - 6th Ward	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Smuts	Matthew			Associate Project Manager
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
Pittsburgh Water and Sewer Authority-Penn Liberty Plaza I	1200 Penn Avenue			
Address Last Line -- City	State	ZIP+4		
Pittsburgh	PA	152224203		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-8800 x 2663	412-393-0517			

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

3713-3719-3721 Butler Street

Site Location Line 1

3721 Butler Steet

Site Location Line 2

Site Location Last Line -- City

Pittsburgh

State

PA

ZIP+4

152011819

Latitude

40°28'00"

Longitude

79°57'52"

Detailed Written Directions to Site North on Butler Street. Site is on the left at the corner of Butler Street and 38th Street.

Description of Site Residential house and asphalt lot

Site Contact (Developer/Owner)

Last Name

Onwugbenu

First Name

Emeka

MI

Suffix

Phone

412-473-9891

Ext.

Site Contact Title

President

Site Contact Firm (if none, leave blank)

E. Properties & Development

FAX

Email

Mailing Address Line 1

4735 Butler Street

Mailing Address Line 2

Mailing Address Last Line -- City

Seven Fields

State

PA

ZIP+4

152011819

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

Last Name

Gales-Dunn

First Name

Kimberly

MI

Suffix

A

Title

Professional Engineer/Surveyor

Consulting Firm Name

J. R. Gales & Associates, Inc.

Mailing Address Line 1

2704 Brownsville Road

Mailing Address Line 2

Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

152272018

Country

USA

Email

kagales.gales.engineers@comcast.net

Area Code + Phone

412-885-8885

Ext.

Area Code + FAX

412-885-1320

E. AVAILABILITY OF DRINKING WATER SUPPLY

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

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

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

Name of water company: Pittsburgh Water and Sewer Authority

F. PROJECT NARRATIVE (See Section F of instructions)

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

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

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

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

1. COLLECTION SYSTEM

a. Check appropriate box concerning collection system

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

Clean Streams Law Permit Number _____

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 21

Connections 1

Name of:

existing collection or conveyance system Mulberry Way

owner PWSA

existing interceptor Allegheny

owner PWSA

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 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 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 6310 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	1556721	5448525	303998	1063992	320851	1122977
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-3713-3719-3721 BUTLER 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 15" vitrified clay sewer, with a slope of 1.7%, Manning's n value of 0.013 and full flow depth, divided by a peaking factor of 3.5 for combination sewers = 1,556,721 gpd
- (2) Design/Permitted collection system peak design capacity computed using static Manning's analysis based on existing 15" vitrified clay sewer, with a slope 1.7%, Manning's n-value of 0.013 and full flow depth = 5,448,525 gpd
- (3) Present collection system peak flow computed using static Manning's analysis based on existing 15" vitrified clay sewer, with slope of 1.7%, Manning's n-value of 0.013 and measured flow depth of 0.2 feet = 1,063,992 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 = 303,998 gpd
- (5) Projected collection system average flow computed using the present average flows computed in Footnote 3 plus project flows of 5,510 gpd, multiplied by a 5% growth factor = 320,851 gpd
- (6) Projected collection system peak flow using the present peak flows computed in Footnote 4 plus project flows of 6,310 gpd, multiplied by a 5% growth factor = 1,122,977 gpd

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

The flow depth of 0.2 feet was measured by Insight Pipe Contracting, L.P. on March 29, 2012 at 7:49 AM.

DEP Sewage Planning Module				Date: 6/28/2019
Section J. Chapter 94 Consistency Determination				Calculation Review
				By: S.L.
PROJECT NAME:		3713-3719-3721 Butler Street		
PROJECT FLOW:		5,510 gpd		
<u>Formulas</u>				
Manning Equation:				
$Q = (1.49/n) * A * R^{2/3} * S^{1/2}$	Q, flow, cfs			
$\Theta = 2 \arccos ((r-d/r))$	n, roughness coefficient			
$A = r^2 (\Theta - \sin \Theta) / 2$	S, slope from PWSA records (ft/ft)			
$P_w = r * \Theta$	D, sewer diameter, ft			
$R_H = A / P_w$	d, depth of flow measured, ft , (SUBMITTED WITH REPORT)			
	Θ , central angle, radians			
	A, cross sectional area, ft^2			
	P_w , wetted perimeter, ft			
	R_H , hydraulic radius, ft			
<u>SEWER PROPERTIES</u>				<u>Peaking Factor</u>
n=	0.013	D=	1.25 ft	3.5 combined sewers
S=	0.017	Material:	VCP	3 sanitary sewers
<u>DESIGN PEAK FLOW (FLOWING FULL)</u>			<u>AVERAGE DESIGN FLOW</u>	
$Q_{FULL} =$	5,448,525 gpd	(Average flow is peak flow divided by peaking factor)		
D=	1.250 ft	$Q_{FULL, avg} =$	1,556,721 gpd	
r =	0.625 ft			
$\Theta =$	6.28 rad			
A=	1.23 ft^2			
$P_w =$	3.93 ft			
$R_H =$	0.313 ft			
Q=	8.45 cfs			
<u>PRESENT AVERAGE FLOW</u>			<u>PRESENT PEAK FLOW</u>	
$Q_{AVG} =$	303,998 gpd	(Peak flow is peaking factor times the average flow)		
d=	0.200 ft	*Flow Depth	$Q_{peak} =$	1,063,992 gpd
r =	0.630 ft			
$\Theta =$	1.64 rad			
A=	0.1273 ft^2			
$P_w =$	1.033 ft			
$R_H =$	0.1233 ft			
Q=	0.471 cfs			
<u>PROJECTED AVERAGE FLOW</u>				
$Q_{AVG, PROJECTED} =$	Qpeak projected / Peaking factor		$Q_{PK, PROJECTED} =$ (Present Peak flow + Project Flow) * 1.05	
$Q_{AVG, PROJECTED} =$	320,851 gpd	$Q_{PEAK, PROJECTED} =$	1,122,977 gpd	

To: Barry King, P.E.

From: Robert Herring, P.E.

Date: November 25, 2019

Subject: DEP Sewage Facilities Planning Module – Component 3
Chapter 94 Consistency Determination
Hydraulic Calculation Review
3713-3719-3721 Butler Street

Dear Barry,

Pursuant to your request, we have reviewed the DEP Sewage Facilities Planning Module – Component 3 as submitted by KAG Engineering, Inc. (Applicant) for the 3713-3719-3721 Butler Street (Project) located at 3713-3719-3721 Butler Street, Pittsburgh, PA 15201. In accordance with Title 25 of the Pennsylvania Code, the Pittsburgh Water and Sewer Authority (PWSA) is required to prepare an annual Wasteload Management Report on the collection and conveyance of wastewater relative to available capacity. Our review was conducted to understand how the proposed 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 denial of the Sewage Planning Module and submission of a Corrective Action Plan to the PaDEP.

Based on the foregoing, we have determined that the proposed Project will not contribute to a dry-weather hydraulic overload within the next five years. Please refer to the enclosed hydraulic calculations for the proposed tie-in location. Upon your approval, please sign the enclosed “Section J - Chapter 94 Consistency Determination” from the DEP Sewage Facilities Planning Module – Component 3, as indicated.

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

Yours truly,


Robert Herring, P.E.
Engineering Consultant

Enclosures

DEP Sewage Facilities Planning Module
Chapter 94 Consistency Determination
Hydraulic Calculations Review

LEGEND:

Input Data

Output Data

PROJECT NAME:

3713-3719-3721 Butler Street

PROJECT LOCATION:

3713-3719-3721 Butler Street, Pittsburgh, PA 15201

TIE-IN LOCATION:

Mulberry Way

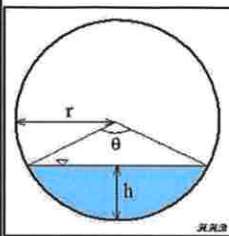
PWSA REVIEWER:

Robert Herring, P.E.

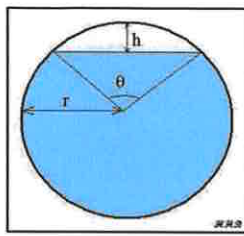
DATE:

November 25, 2019

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

Variable	Value	Units
n	0.013	unitless
Material	VCP	
S	0.017	ft/ft
h	0.200	ft
D	1.25	ft
h/D	0.16	ft/ft
P.F.	3.5	unitless

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

Proposed Project Flows		
Variable	Value	Units
Q _p	6,310	gpd

Section C: Design Flow Calculations

Variable	Description	Definition
Q _{d, peak}	Design Peak Flow	full pipe flow conditions
Q _{d, avg}	Design Avg. Flow	full pipe flow conditions divided by the peaking factor

Peak Design Flow Calcs		
Variable	Value	Unit
D	1.250	ft
r	0.625	ft
A	1.227	ft ²
P	3.927	ft
R	0.313	ft
Q _{d, peak}	8	cfs
Q _{d, peak}	5,458,284	gpd

Average Design Flow Calcs		
Variable	Value	Unit
Q _{d, avg}	1,559,510	gpd

Section D: Existing Flow Calculations

Variable	Description	Definition
Q _{ex, avg}	Existing Avg. Flow	existing flow conditions based on flow depth measurement
Q _{ex, peak}	Existing Peak Flow	the average existing flow multiplied by the peaking factor

Existing Average Flow Calcs		
Variable	Value	Unit
D	1.250	ft
r	0.625	ft
θ	1.65	rad
A	0.13	ft ²
P	1.03	ft
R	0.123	ft
Q _{ex, peak}	0	cfs
Q _{ex, peak}	303,068	gpd

Existing Peak Flow Calcs		
Variable	Value	Unit
Q _{ex, avg}	1,060,737	gpd

Section E: Projected Flow Calculations

Variable	Description	Definition
Q _{proj, peak}	Projected Peak Flow	= (Q _{ex, peak} + Q _p) x 1.05
Q _{proj, avg}	Projected Avg. Flow	= Q _{proj, peak} ÷ P.F.

Projected Flow Calculations		
Variable	Value	Unit
Q _{proj, peak}	1,120,399	gpd
Q _{proj, avg}	320,114	gpd

Section F: Compare Results with Applicant's Submission

Variable	PWSA Calcs, gpd	Applic. Calcs, gpd	Difference, gpd	Difference, %
Q _{d, peak}	5,458,284	5,448,525	9,759	0%
Q _{d, avg}	1,559,510	1,556,721	2,789	0%
Q _{ex, peak}	1,060,737	1,063,992	-3,255	0%
Q _{ex, avg}	303,068	303,998	-930	0%
Q _{proj, peak}	1,120,399	1,122,977	-2,578	0%
Q _{proj, avg}	320,114	320,851	-737	0%

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 6310 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	1556721	5448525	303998	1063992	320851	1122977
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

Name of Agency, Authority, Municipality DWSA
 Name of Responsible Agent Mr Barry King, P.E. / Director of Engineering
 Agent Signature [Signature] Date 4/26/19

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)

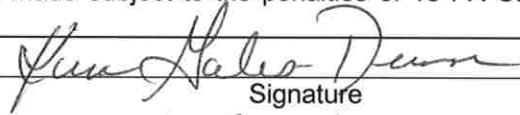
9. Does the project involve the use of large volume onlot sewage disposal systems (Flow > 10,000 gpd)?
10. Does the project require resolution of a conflict between the proposed alternative and consistency requirements contained in §71.21(a)(5)(i), (ii), (iii)?
11. Will sewage facilities discharge into 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)



Signature

Professional Engineer/Land Surveyor

Title

11-8-18

Date

2704 Brownsville Road, Pittsburgh, PA 15227

Address

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 \$1,050.00 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.

$$\#21 \text{ _____ Lots (or EDUs) X } \$50.00 = \$ \underline{1,050.00}$$

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:

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

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

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
 - For community sewage system projects one EDU is equal to a sewage flow of 400 gallons per day.
 - For non-single family residential projects, EDUs are calculated using projected population figures
- C. A sub-surface discharge system that requires a permit under The Clean Streams Law will use a flat fee:

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

KAG ENGINEERING, INC.

Consulting Engineering & Land Surveying

2704 BROWNSVILLE ROAD
PITTSBURGH, PA 15227
PHONE: (412) 885-8888 FAX: (412) 885-5146

April 3, 2019
#11-584-18

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

ATTN: Mr. Martina Battistone
Manager of Development Service

RE: 3713-3719-3721 Butler Street
City of Pittsburgh -6th 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
 3713 Butler Street

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

1. Date plan received by municipal planning agency March 12, 2020
2. Date review completed by agency May 6, 2020

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

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, <i>et seq.</i>)?
<input type="checkbox"/>	<input type="checkbox"/>	2. Is this proposal consistent with the comprehensive plan for land use? If no, describe the inconsistencies _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Is this proposal consistent with the use, development, and protection of water resources? If no, describe the inconsistencies _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	5. Does this project propose encroachments, obstructions, or dams that will affect wetlands? If yes, describe impacts _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6. Will any known historical or archaeological resources be impacted by this project? If yes, describe impacts _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	7. Will any known endangered or threatened species of plant or animal be impacted by this project? If yes, describe impacts _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Is there a municipal zoning ordinance?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Is this proposal consistent with the ordinance? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. Have all applicable zoning approvals been obtained?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. Is there a municipal subdivision and land development ordinance?

SECTION C. AGENCY REVIEW (continued)

Yes

No

- 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: Martina Battistone
 Title: Senior Environmental Planner
 Signature: *Martina Wolf Battistone*
 Date: May 6, 2020
 Name of Municipal Planning Agency: City of Pittsburgh Dept. of City Planning
 Address: 200 Ross Street 4th Floor Pittsburgh, PA 15219
 Telephone Number: (412) 255-2516

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.

KAG ENGINEERING, INC.

Consulting Engineering & Land Surveying

2704 BROWNSVILLE ROAD

PITTSBURGH, PA 15227

PHONE: (412) 885-8888 FAX: (412) 885-5146

April 3, 2019

#11-584-18

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: 3713-3719-3721 Butler Street
City of Pittsburgh – 6th Ward
Allegheny County

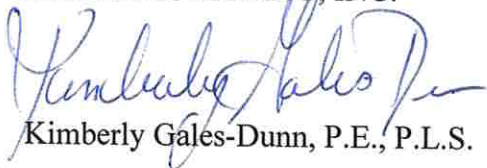
Dear Mr. Shamsi:

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



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.



**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 _____

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

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

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

Yes No

1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
If no, what are the inconsistencies? _____
2. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe _____
3. Is there any known groundwater degradation in the area of this proposal?
If yes, describe _____
4. The county or joint county health department recommendation concerning this proposed plan is as follows: _____
5. Name, title and signature of person completing this section:
Name: _____
Title: _____
Signature: _____
Date: _____
Name of County Health Department: _____
Address: _____
Telephone Number: _____

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

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

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

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

PNDI
SEARCH

1. PROJECT INFORMATION

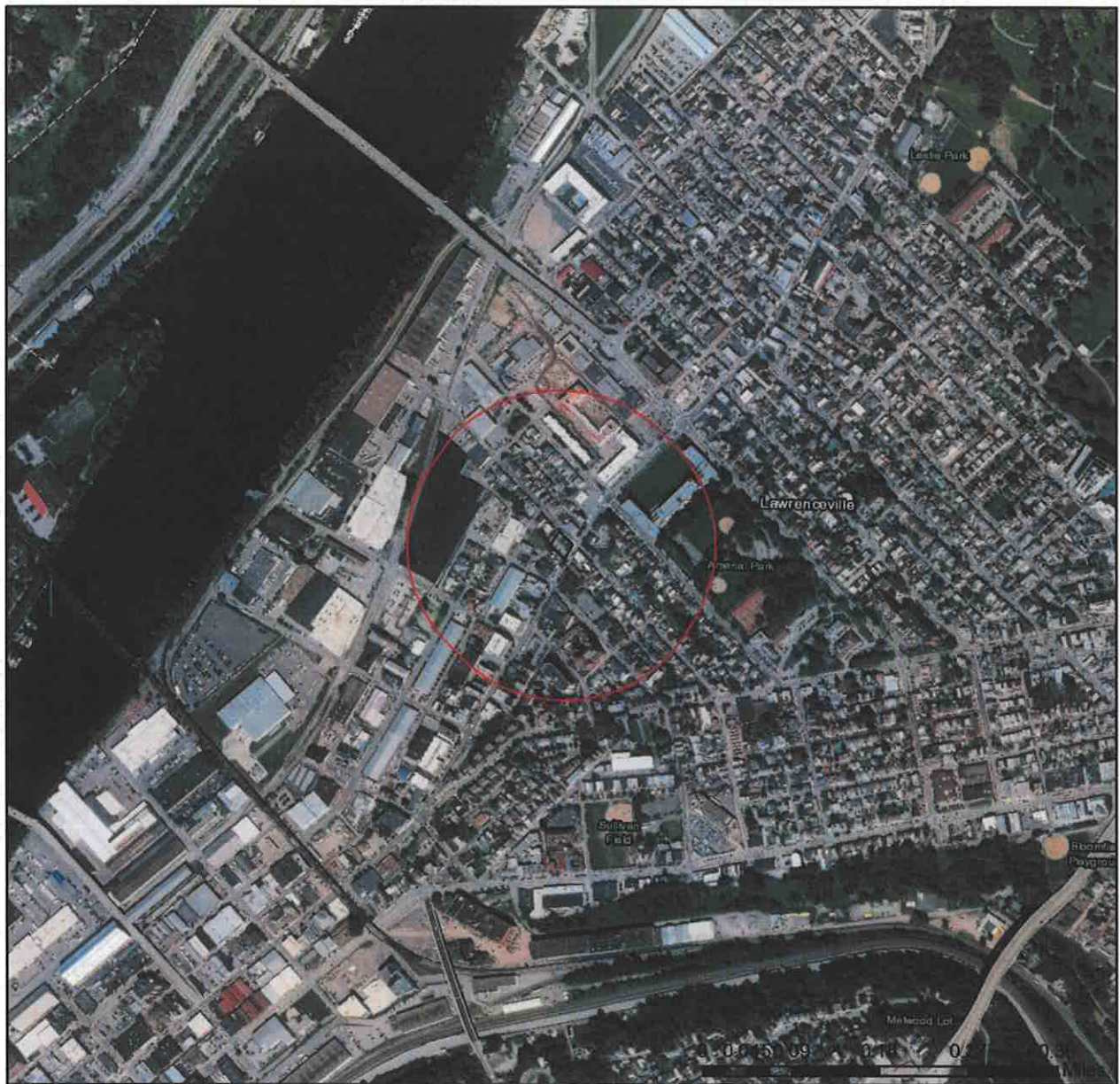
Project Name: **3713-3719-3721 Butler Street**
Date of Review: **10/19/2018 08:45:04 AM**
Project Category: **Development, Other**
Project Area: **0.21 acres**
County(s): **Allegheny**
Township/Municipality(s): **PITTSBURGH**
ZIP Code: **15201**
Quadrangle Name(s): **PITTSBURGH EAST**
Watersheds HUC 8: **Lower Allegheny**
Watersheds HUC 12: **Allegheny River-Ohio River**
Decimal Degrees: **40.466882, -79.964608**
Degrees Minutes Seconds: **40° 28' 0.7739" N, 79° 57' 52.5881" 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.

3713-3719-3721 Butler Street

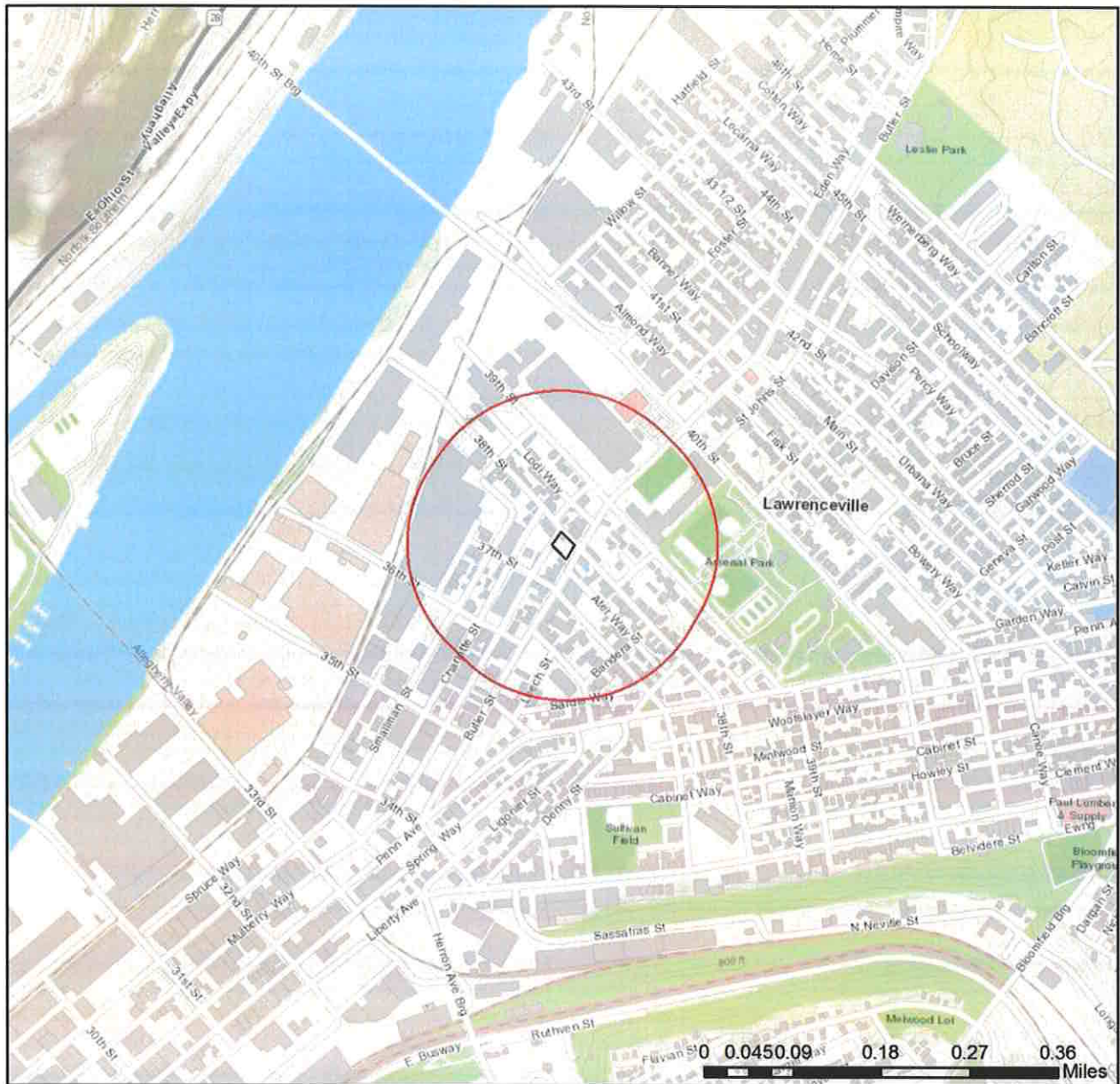


- Project Boundary
- Buffered Project Boundary



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
Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community

3713-3719-3721 Butler 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,



RESPONSE TO QUESTION(S) ASKED

Q1: The proposed project is in the range of the Indiana bat. Describe how the project will affect bat habitat (forests, woodlots and trees) and indicate what measures will be taken in consideration of this. Round acreages up to the nearest acre (e.g., 0.2 acres = 1 acre).

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

Q2: Is tree removal, tree cutting or forest clearing of 40 acres or more necessary to implement all aspects of this project?

Your answer is: No

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

U.S. Fish and Wildlife Service

RESPONSE:

No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq. is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.



5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17105-8552
Email: RA-HeritageReview@pa.gov

U.S. Fish and Wildlife Service

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

PA Fish and Boat Commission

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

PA Game Commission

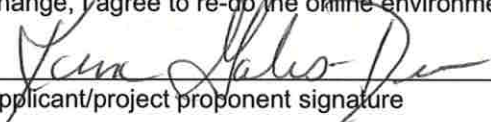
Bureau of Wildlife Habitat Management
Division of Environmental Planning and Habitat Protection
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Kimberly Gales-Dunn
Company/Business Name: KAG Engineering, Inc.
Address: 2704 Brownsville Road
City, State, Zip: Pittsburgh, PA 15227
Phone: (412) 885-8885 Fax: (412) 885-1320
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.



applicant/project proponent signature

11-8-18

date

ACT 14 NOTIFICATIONS

KAG ENGINEERING, INC.

Consulting Engineering & Land Surveying

2704 BROWNSVILLE ROAD
PITTSBURGH, PA 15227
PHONE: (412) 885-8888 FAX: (412) 885-5146

April 3, 2019
#11-584

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

RE: 3713-3719-3721 Butler Street
City of Pittsburgh – 6th Ward
Allegheny County

Dear County Council:

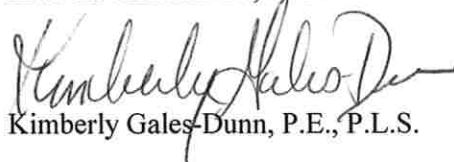
In accordance with Act 14, “Municipal/County Notifications of application for Water Quality Management and Related Permits”, this is notification that E. Properties & Development have made application for Planning Modules for 3713-3719-3721 Butler Street development in the City of Pittsburgh-6th Ward, 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

x

KAG ENGINEERING, INC.

Consulting Engineering & Land Surveying

2704 BROWNSVILLE ROAD
PITTSBURGH, PA 15227
PHONE: (412) 885-8888 FAX: (412) 885-5146

April 3, 2019
#11-584

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

ATTN: Mr. Matthew Smuts

RE: 3713-3719-3721 Butler Street
City of Pittsburgh – 6th Ward
Allegheny County

Dear Mr. Robinson:


In accordance with Act 14, “Municipal/County Notifications of application for Water Quality Management and Related Permits”, this is notification that E. Properties & Development have made application for Planning Modules for 3713-3719-3721 Butler Street development in the City of Pittsburgh-6th 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

x

SERVICE AVAILABILITY REQUEST

KAG ENGINEERING, INC.

Consulting Engineering & Land Surveying

2704 BROWNSVILLE ROAD
PITTSBURGH, PA 15227
PHONE: (412) 885-8888 FAX: (412) 885-5146

April 3, 2019
#11-584-18

ALCOSAN
3300 Preble Avenue
Pittsburgh, PA 152

ATTN: Mr. Michael Lichte

RE: 3713-3719-3721 Butler Street
City of Pittsburgh – 6th 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 Subdivision 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



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:	E. Properties & Development		
Address of Property:	3713-3719-3721 Butler Street		
Proposed Use of Site:	Apartment & small retail		
Closest street intersection to the property:	Butler St & 38th Street		
Requestor Name:	Kimberly Gales-Dunn	Date of Request:	10/18/18
Requestor Address:	2704 Brownsville Road, Pittsburgh, PA 15227		
Requestor Phone Number:	412-885-8885		

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 type="checkbox"/> Yes <input type="checkbox"/> No Water Size / Location: _____
PWSA Sewer Service Available:	<input type="checkbox"/> Yes <input type="checkbox"/> No Sewer Size / Location: _____
Applicant must contact separate agency for water service:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Name of separate agency:	_____
PWSA Approval Authority:	Signature and Date _____
	Name (printed) _____
	Title _____

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

November 26, 2019

Ms. Kimberly Gales-Dunn, P.E., P.L.S.
KAG Engineering, Inc.
2704 Brownsville Road
Pittsburgh, PA 15227

Subject: Pennsylvania Department of Environmental Protection (PaDEP)
Sewage Facilities Planning Module (SFPM) – Component 3 Form
Chapter 94 Consistency Determination
3713-3719-3721 Butler Street

Dear Ms. Gales:

Pursuant to your request, we have reviewed the DEP Sewage Facilities Planning Module for the 3713-3719-3721 Butler Street (Project) located at 3713-3719-3721 Butler Street, Pittsburgh, PA 15201. We have determined that the proposed 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). Please refer to the enclosed and approved "Section J – Chapter 94 Consistency Determination". A copy of the DEP-approved Sewage Facilities Planning Module shall be provided to the PWSA prior to the issuance of the Tap-In Permit for connection to the existing waterline and/or sewerline.

Please be advised that the Sewage Facilities Planning Module shall not be considered complete by the DEP until approved by the Allegheny County Sanitary Authority (ALCOSAN) and Pittsburgh City Council (Council). For additional information, please contact Michael Lichte (412-734-6209) at ALCOSAN or Leslie Stevens (412-255-2005) at the City of Pittsburgh Law Department. Please note that a City Resolution shall be requested prior to Council approval.

Our review was based on information provided by your firm under the assumption that this information was accurate and complete. Should you have any questions, please do not hesitate to contact me directly at 412-255-8800 x5532 or RHerring@pgh2o.com.

Sincerely,



Robert Herring, P.E.
Engineering Consultant

Enclosures

cc: Barry King, P.E. – PWSA (via email)
Kate Mechler, P.E. – PWSA (via email)
Thomas Flanagan – DEP (via email)
Leslie Stevens – City of Pittsburgh Law Department (via email)
Michael Lichte, P.E. – ALCOSAN (via email)
eBuilder File (via email)

November 26, 2019

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

Subject: Pennsylvania Department of Environmental Protection (PaDEP)
Sewage Facilities Planning Module – Component 3 Form
Tap Allocation Authorization Letter

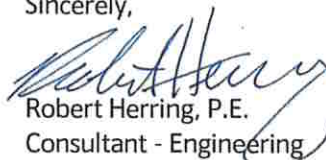
Dear Mr. Flanagan:

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

Project Name: 3713-3719-3721 Butler Street
Project Address: 3713-3719-3721 Butler Street
Pittsburgh, PA 15201
Proposed Flow, gpd: **6,310**
EDU's, 400gpd/EDU: **15.78**

Our review is based on information provided by others under the assumption that this information was accurate and complete. Should you have any questions, please do not hesitate to contact me directly at 412-255-8800 x5532 or RHerring@pgh2o.com.

Sincerely,


Robert Herring, P.E.
Consultant - Engineering

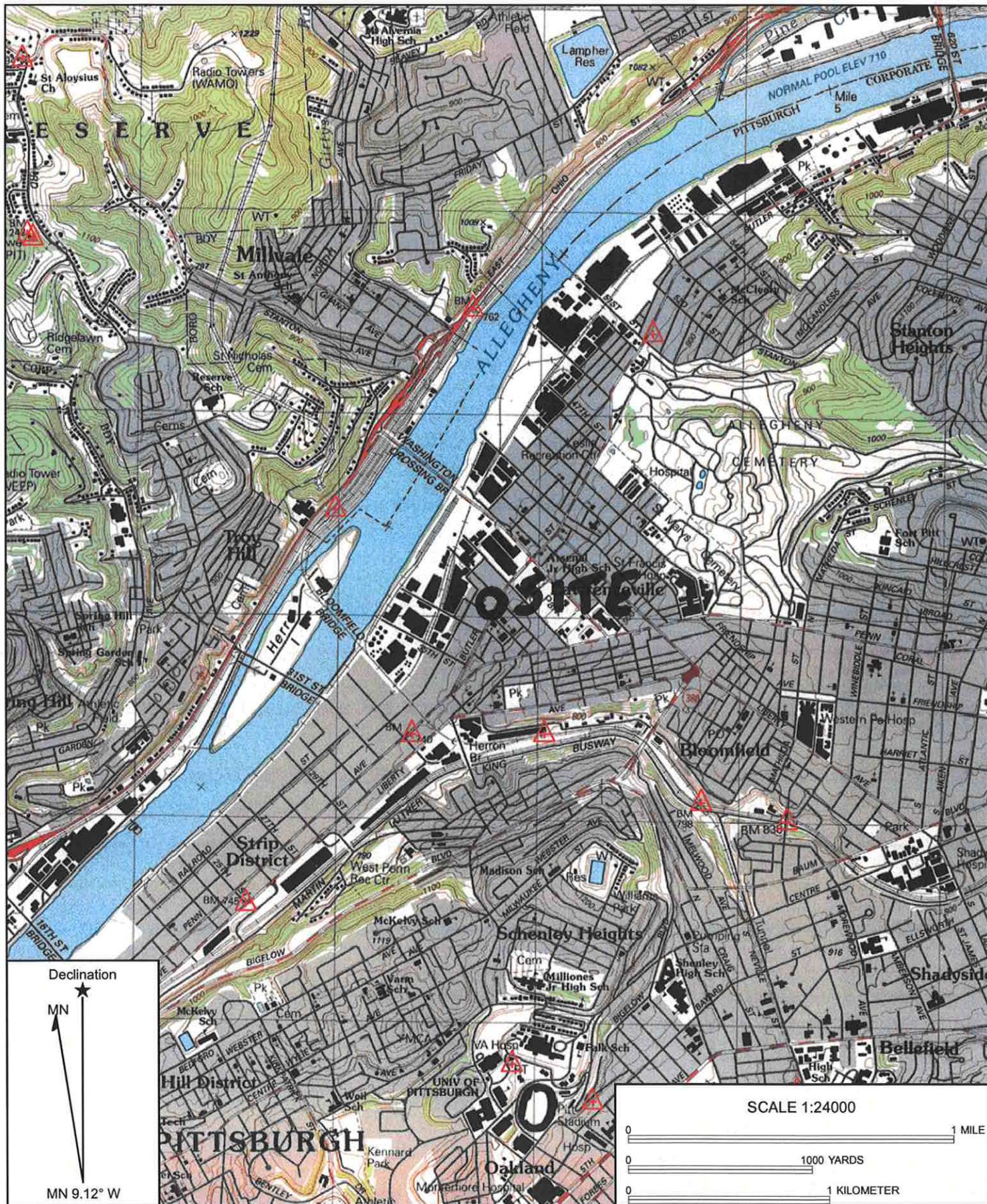
cc: Barry King, P.E. – PWSA (via email)
Kate Mechler, P.E. – PWSA (via email)
KAG Engineering, Inc. (via email)
Regis Ryan – PaDEP (via email)
eBuilder File (via email)

REPORT ON ALTERNATIVE ANALYSIS

ALTERNATIVE ANALYSIS

There are currently existing sanitary sewers located in Butler Street, 38th Street, and Mulberry Way. The Mulberry Way sewer was chosen because there is less traffic on Mulberry Way than the other two streets. It will be better for the safety of the workers and will cause less traffic congestion during construction.

LOCATION
MAP



Name: PITTSBURGH EAST
 Date: 10/19/18
 Scale: 1 inch = 2,000 ft.

Location: 040° 27' 59.42" N 079° 57' 52.96" W

PROPERTY
INFORMATION

Parcel ID : 0049-J-00092-0000-00
 Property Address : 3713 MULBERRY WAY
 PITTSBURGH, PA 15201

Municipality : 106 6th Ward - PITTSBURGH
 Owner Name : THREE 3713 MULBERRY L L C

School District :	Pittsburgh	Neighborhood Code :	51C31A
Tax Code :	Taxable	Owner Code :	Regular
Class :	Commercial	Recording Date :	
Use Code :	COMM AUX BUILDING	Sale Date :	
Homestead :	No	Sale Price :	\$0
Farmstead :	No	Deed Book :	
Clean And Green	No	Deed Page :	
Other Abatement :	No	Lot Area :	4,620 SQFT

2018 Full Base Year Market Value

Land Value	\$37,000
Building Value	\$4,700
Total Value	\$41,700

2018 County Assessed Value

Land Value	\$37,000
Building Value	\$4,700
Total Value	\$41,700

2017 Full Base Year Market Value

Land Value	\$37,000
Building Value	\$4,700
Total Value	\$41,700

2017 County Assessed Value

Land Value	\$37,000
Building Value	\$4,700
Total Value	\$41,700

Address Information

Owner Mailing : 3709 BUTLER ST
 PITTSBURGH, PA 15201-1819

Parcel ID : 0049-J-00093-0000-00
 Property Address : 3719 BUTLER ST
 PITTSBURGH, PA 15201

Municipality : 106 6th Ward - PITTSBURGH
 Owner Name : CARTER LOUIS LLC

School District :	Pittsburgh	Neighborhood Code :	10601
Tax Code :	Taxable	Owner Code :	Corporation
Class :	Residential	Recording Date :	12/1/2016
Use Code :	VACANT LAND	Sale Date :	11/16/2016
Homestead :	No	Sale Price :	\$0
Farmstead :	No	Deed Book :	16623
Clean And Green	No	Deed Page :	465
Other Abatement :	No	Lot Area :	2,310 SQFT

SaleCode : Multi-Parcel Sale

2018 Full Base Year Market Value

2018 County Assessed Value

Land Value	\$6,900	Land Value	\$6,900
Building Value	\$0	Building Value	\$0
Total Value	\$6,900	Total Value	\$6,900

2017 Full Base Year Market Value

2017 County Assessed Value

Land Value	\$6,900	Land Value	\$6,900
Building Value	\$0	Building Value	\$0
Total Value	\$6,900	Total Value	\$6,900

Address Information

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

Parcel ID : 0049-J-00089-0000-00
 Property Address : 3721 BUTLER ST
 PITTSBURGH, PA 15201

Municipality : 106 6th Ward - PITTSBURGH
 Owner Name : CARTER LOUIS LLC

School District :	Pittsburgh	Neighborhood Code :	10601
Tax Code :	Taxable	Owner Code :	Corporation
Class :	Residential	Recording Date :	12/1/2016
Use Code :	TWO FAMILY	Sale Date :	11/16/2016
Homestead :	No	Sale Price :	\$0
Farmstead :	No	Deed Book :	16623
Clean And Green	No	Deed Page :	465
Other Abatement :	No	Lot Area :	2,835 SQFT

SaleCode : Multi-Parcel Sale

2018 Full Base Year Market Value

2018 County Assessed Value

Land Value	\$23,500	Land Value	\$23,500
Building Value	\$76,300	Building Value	\$76,300
Total Value	\$99,800	Total Value	\$99,800

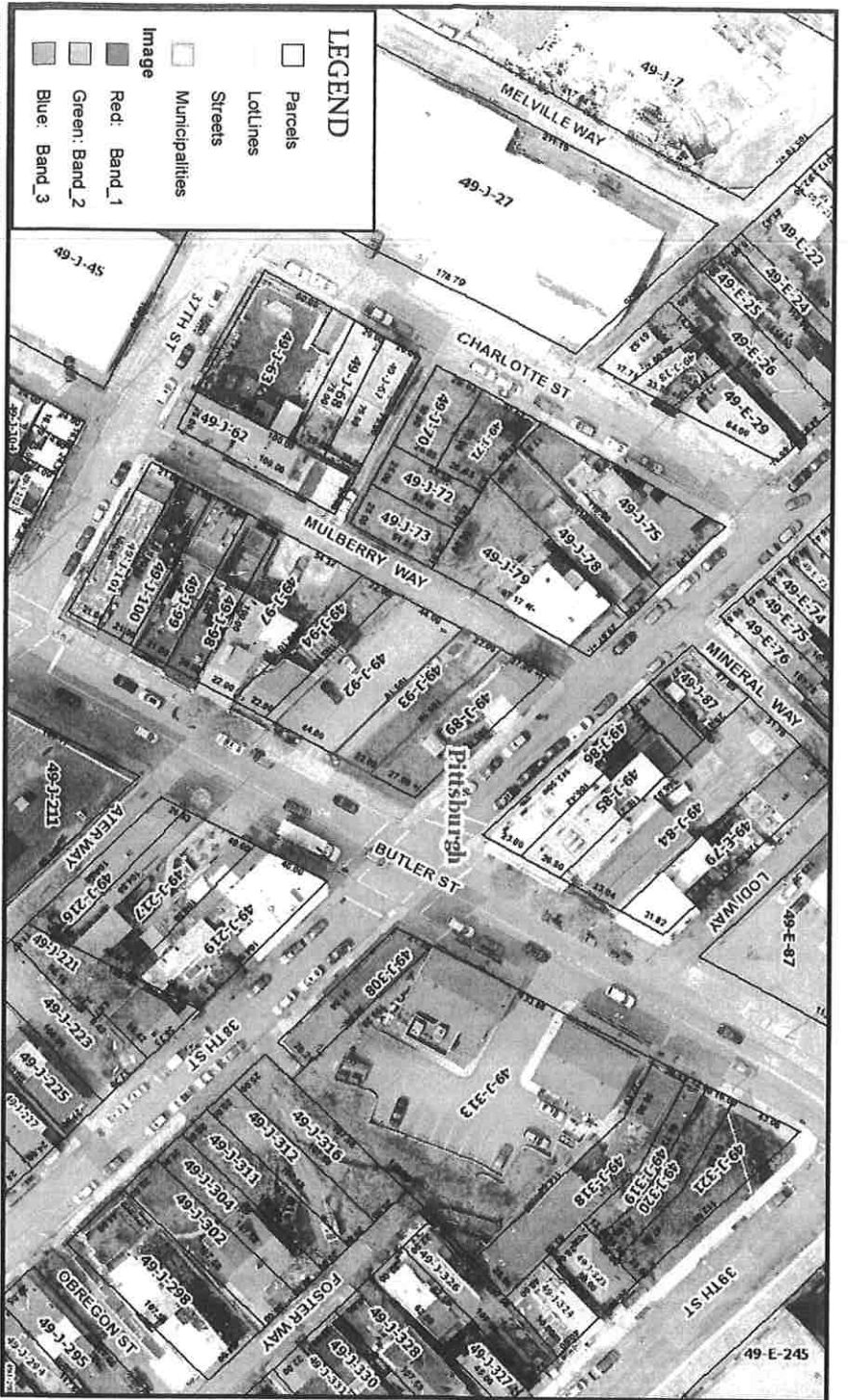
2017 Full Base Year Market Value

2017 County Assessed Value

Land Value	\$23,500	Land Value	\$23,500
Building Value	\$76,300	Building Value	\$76,300
Total Value	\$99,800	Total Value	\$99,800

Address Information

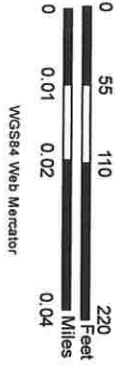
Owner Mailing : 4735 BUTLER ST
 PITTSBURGH, PA 15201-2907



LEGEND

- Parcels
- Lollines
- Streets
- Municipalities
- Image**
- Red: Band_1
- Green: Band_2
- Blue: Band_3

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, US



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