

Sewage Facilities Planning Modules Application Package

for

**Cal-Bride Place – Kunkle Avenue
and
Cal-Bride Place – Kirkbride Street**

**City of Pittsburgh
Allegheny County, PA**

March, 2020

Prepared for:

Northside Properties R&S, LLC
1300 BRIGHTON ROAD
PITTSBURGH, PA 15223

Prepared by:

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LANDSCAPE ARCHITECTS & ENGINEERS
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(724) 327-0599

Job No. 4555-08

Table of Contents

- ❖ Sewage Facilities Planning Module
 - Component 3 – Kunkle Avenue (Form 3800-FM-WSFR0353)
 - Component 3 – Sedgwick Street (Form 3800-FM-WSFR0353)

- ❖ Section C – Availability of Drinking Supply
 - Availability Letter from PWSA dated October 25, 2018

- ❖ Section F – Project Narrative
 - Written Narrative
 - Location Map

- ❖ Section G – Proposed Wastewater Disposal Facilities
 - Item 3 - Site Plan
 - Item 3 - Utility Plan
 - Item 3 – Plot Plans – Sanitary Sewer (to be completed)
 - Item 3 – Plot Plans – Water Connections (to be completed)
 - Item 7 - Protection of Rare, Endangered or Threatened Species
 - Pennsylvania Natural Diversity Inventory

- ❖ Section H – Project Alternatives Analysis

- ❖ Section J - Consistency Determination
 - PWSA Tap Authorization Letter

- ❖ Consistency Components
 - Component 4A – Municipality Planning Agency Review
 - Component 4C – County Health Agency Review

**SEWAGE FACILITIES PLANNING MODULE –
COMPONENT 3**

CAL-BRIDE PLACE - KUNKLE AVENUE



SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

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

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

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

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

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

A. PROJECT INFORMATION (See Section A of instructions)

- Project Name Cal-Bride Place - Kunkle Avenue
- Brief Project Description Proposes construction of a thirty unit apartment building and six duplexes on multiple parcels within the Cal-Bride Neighborhood on the northside in Pittsburgh, PA. The development straddles two sewersheds and therefore this is one of two Planning Modules. This is the Kunkle Avenue Planning Module. This planning module is for the six duplexes.

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

Municipality Name	County	City	Boro	Twp
City of Pittsburgh	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Battisone	Martina			Sr. Env. Planner
Additional Individual Last Name	First Name	MI	Suffix	Title

Municipality Mailing Address Line 1	Mailing Address Line 2
Department of City Planning	200 Ross Street, Suite 4
Address Last Line -- City	State ZIP+4
Pittsburgh	PA 15219
Area Code + Phone + Ext.	FAX (optional) Email (optional)
412-255-2516	martina.battistone@pittsburghpa.gov

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

Cal-Bride Place

Site Location Line 1

California Avenue and Kirkbride Street

Site Location Line 2

Northside

Site Location Last Line -- City

Pittsburgh

State

PA

ZIP+4

15212

Latitude

40.459141

Longitude

-80.023926

Detailed Written Directions to Site From Downtown Pittsburgh, take the Fort Duquesne Bridge to Route 65 North to the US-19 North to California Avenue. Take the Marshall Avenue Exit from US-19 North.

Description of Site Whole Project includes Multiple Parcels located within Cal-Bride neighborhood. Area of proposed development bounded by Sunday Way, California Avenue, Kunkle Street, and Sedgwick Street.

Site Contact (Developer/Owner)

Last Name

Mistick

First Name

Bob

MI

Suffix

Phone

412-812-0226

Ext.

Site Contact Title

Site Contact Firm (if none, leave blank)

Northside Properties R&S, LLC

FAX

Email

bmistick@mistickconstruction.com

Mailing Address Line 1

1300 Brighton Road

Mailing Address Line 2

Mailing Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

15233

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

Last Name

Swisher

First Name

Thomas

MI

Suffix

Title

Consulting Firm Name

Project Landscape Architect

Fahringer, McCarty, Grey, Inc.

Mailing Address Line 1

1610 Golden Mile Highway

Mailing Address Line 2

Address Last Line -- City

Monroeville

State

PA

ZIP+4

15146

Country

Allegheny

Email

tswisher@fmginc.us

Area Code + Phone

724-327-0599

Ext.

211

Area Code + FAX

E. AVAILABILITY OF DRINKING WATER SUPPLY

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

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

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

Name of water company: Pittsburgh Water and Sewer Authority

F. PROJECT NARRATIVE (See Section F of instructions)

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

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

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

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

1. COLLECTION SYSTEM

a. Check appropriate box concerning collection system

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

Clean Streams Law Permit Number _____

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 12

Connections 12

Name of:

existing collection or conveyance system 20" Concrete Combination Sewer - Kunkle Avenue

owner Pittsburgh Water and Sewer Authority

existing interceptor _____

owner _____

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 25984

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude 40 Longitude 80

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 Web site at www.dep.state.pa.us, select "subject" then select "technical guidance"). As a minimum this includes copies of the completed Cultural Resources Notice (CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES

Check one:

- The "Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt" resulting from my search of the PNDI database and all supporting documentation from jurisdictional agencies (when necessary) is/are attached.
- A completed "Pennsylvania Natural Diversity Inventory (PNDI) Project Planning & Environmental Review Form," (PNDI Form) available at www.naturalheritage.state.pa.us, and all required supporting documentation is attached. I request DEP staff to complete the required PNDI search for my project. I realize that my planning module will be considered incomplete upon submission to the Department and that the DEP review will not begin, and that processing of my planning module will be delayed, until a "PNDI Project Environmental Review Receipt" and all supporting documentation from jurisdictional agencies (when necessary) is/are received by DEP.

Applicant or Consultant Initials _____

H. ALTERNATIVE SEWAGE FACILITIES ANALYSIS (See Section H of instructions)

- An alternative sewage facilities analysis has been prepared as described in Section H of the attached instructions and is attached to this component.

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

I. COMPLIANCE WITH WATER QUALITY STANDARDS AND EFFLUENT LIMITATIONS (See Section I of instructions) (Check and complete all that apply.)

1. Waters designated for Special Protection

- The proposed project will result in a new or increased discharge into special protection waters as identified in Title 25, Pennsylvania Code, Chapter 93. The Social or Economic Justification (SEJ) required by Section 93.4c. is attached.

2. Pennsylvania Waters Designated As Impaired

- The proposed project will result in a new or increased discharge of a pollutant into waters that DEP has identified as being impaired by that pollutant. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss water quality based discharge limitations.

3. Interstate and International Waters

- The proposed project will result in a new or increased discharge into interstate or international waters. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss effluent limitations necessary to meet the requirements of the interstate or international compact.

4. Tributaries To The Chesapeake Bay

- The proposed project result in a new or increased discharge of sewage into a tributary to the Chesapeake Bay. This proposal for a new sewage treatment facility or new flows to an existing facility includes total nitrogen and total phosphorus in the following amounts: _____ pounds of TN per year, and _____ pounds of TP per year. Based on the process design and effluent limits, the total nitrogen treatment capacity of the wastewater treatment facility is _____ pounds per year and the total phosphorus capacity is _____ pounds per year as determined by the wastewater treatment facility permittee. The permittee has determined that the additional TN and TP to be contributed by this project (as modified by credits and/or offsets to be provided) will not cause the discharge to exceed the annual total mass limits for these parameters. Documentation of compliance with nutrient allocations is attached.

Name of Permittee Agency, Authority, Municipality _____

Initials of Responsible Agent (See Section G 2.b) _____

See *Special Instructions* (Form 3800-FM-WSFR0353-1) 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 4000 _____ 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	4176570	14617994	710571	2486998	747299	2615548
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 _____

J. CHAPTER 94 CONSISTENCY DETERMINATION (Continued)

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)

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

- 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?
 - 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.

Thomas J. Swisher

Name (Print)



Signature

Project Landscape Architect

Title

~~September 4, 2020~~

MARCH 17, 2021

Date

1610 Golden Mile Highway, Monroeville, PA 15146

Address

724-327-0599

Telephone Number

R. REVIEW FEE (See Section R of instructions)

The Sewage Facilities Act establishes a fee for the DEP planning module review. DEP will calculate the review fee for the project and invoice the project sponsor **OR** the project sponsor may attach a self-calculated fee payment to the planning module prior to submission of the planning package to DEP. (Since the fee and fee collection procedures may vary if a "delegated local agency" is conducting the review, the project sponsor should contact the "delegated local agency" to determine these details.) Check the appropriate box.

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

County Recorder of Deeds for Allegheny _____ County, Pennsylvania

Deed Volume _____ Book Number _____

Page Number _____ Date Recorded _____

R. REVIEW FEE (continued)

Formula:

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

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

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
- For community sewer system projects, one EDU is equal to a sewage flow of 400 gallons per day.

2. For a surface or subsurface discharge system, use the appropriate one of these formulae.

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

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

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

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

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

The fee is based upon:

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

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

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

**SEWAGE FACILITIES PLANNING MODULE –
COMPONENT 3**

CAL-BRIDE PLACE - SEDGWICK STREET



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

Code No.

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

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

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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 Cal-Bride Place - ~~Cal-Bride~~ ^{Kirkbride} Street

2. Brief Project Description Proposes construction of a thirty unit apartment building and six duplexes on multiple parcels within the Cal-Bride Neighborhood on the northside in Pittsburgh, PA. The development straddles two sewersheds and therefore this is one of two planning modules. This is the Kirkbride Street planning module and covers the apartment building.

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

Municipality Name	County	City	Boro	Twp
City of Pittsburgh	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Battistone	Martina			Sr. Env. Planner
Additional Individual Last Name	First Name	MI	Suffix	Title

Municipality Mailing Address Line 1	Mailing Address Line 2		
Department of City Planning	200 Ross Street, Suite 4		
Address Last Line -- City	State	ZIP+4	
Pittsburgh	PA	15219	
Area Code + Phone + Ext.	FAX (optional)	Email (optional)	
412-255-2516		martina.battistone@pittsburghpa.gov	

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

Cal-Bride Place

Site Location Line 1 California Avenue and Kirkbride Street		Site Location Line 2 Northside		
Site Location Last Line -- City Pittsburgh	State PA	ZIP+4 15212	Latitude 40.459141	Longitude 80.023926

Detailed Written Directions to Site From Downtown Pittsburgh, take the Fort Duquesne Bridge to Route 65 North to the US-19 North to California Avenue. Take the Marshall Avenue Exit from US-19 North.

Description of Site Multiple Parcels located within Cal-Bride neighborhood. Area of proposed development bounded by Kirkbride Street, St. Ives Street, Lamone Way, and Sedgwick Street.

Site Contact (Developer/Owner)

Last Name Mistick	First Name Bob	MI	Suffix	Phone 412-812-0226	Ext.
----------------------	-------------------	----	--------	-----------------------	------

Site Contact Title	Site Contact Firm (if none, leave blank) Northside Properties R&S, LLC
--------------------	---

FAX	Email bmistick@mistickconstruction.com
-----	---

Mailing Address Line 1 1300 Brighton Road	Mailing Address Line 2
--	------------------------

Mailing Address Last Line -- City Pittsburgh	State PA	ZIP+4 15233
---	-------------	----------------

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

Last Name Swisher	First Name Thomas	MI	Suffix
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Title Project Landscape Architect	Consulting Firm Name Fahringer, McCarty, Grey, Inc.
--------------------------------------	--

Mailing Address Line 1 1610 Golden Mile Highway	Mailing Address Line 2
--	------------------------

Address Last Line -- City Monroeville	State PA	ZIP+4 15146	Country Allegheny
--	-------------	----------------	----------------------

Email tswisher@fmginc.us	Area Code + Phone 724-327-0599	Ext. 211	Area Code + FAX
-----------------------------	-----------------------------------	-------------	-----------------

E. AVAILABILITY OF DRINKING WATER SUPPLY

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

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

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

Name of water company: Pittsburgh Water and Sewer Authority

F. PROJECT NARRATIVE (See Section F of instructions)

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

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

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

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

1. COLLECTION SYSTEM

a. Check appropriate box concerning collection system

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

Clean Streams Law Permit Number _____

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 14

Connections 1

Name of:

existing collection or conveyance system Existing 18" VCP Combination Sewer - Kirkbride Street

owner Pittsburgh Water and Sewer Authority

existing interceptor _____

owner _____

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 25984

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude 40 Longitude 80

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 Web site at www.dep.state.pa.us, select "subject" then select "technical guidance"). As a minimum this includes copies of the completed Cultural Resources Notice (CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES

Check one:

- The "Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt" resulting from my search of the PNDI database and all supporting documentation from jurisdictional agencies (when necessary) is/are attached.
- A completed "Pennsylvania Natural Diversity Inventory (PNDI) Project Planning & Environmental Review Form," (PNDI Form) available at www.naturalheritage.state.pa.us, and all required supporting documentation is attached. I request DEP staff to complete the required PNDI search for my project. I realize that my planning module will be considered incomplete upon submission to the Department and that the DEP review will not begin, and that processing of my planning module will be delayed, until a "PNDI Project Environmental Review Receipt" and all supporting documentation from jurisdictional agencies (when necessary) is/are received by DEP.

Applicant or Consultant Initials _____.

H. ALTERNATIVE SEWAGE FACILITIES ANALYSIS (See Section H of instructions)

- An alternative sewage facilities analysis has been prepared as described in Section H of the attached instructions and is attached to this component.
- The applicant may choose to include additional information beyond that required by Section H of the attached instructions.

I. COMPLIANCE WITH WATER QUALITY STANDARDS AND EFFLUENT LIMITATIONS (See Section I of instructions) (Check and complete all that apply.)

1. Waters designated for Special Protection

- The proposed project will result in a new or increased discharge into special protection waters as identified in Title 25, Pennsylvania Code, Chapter 93. The Social or Economic Justification (SEJ) required by Section 93.4c. is attached.

2. Pennsylvania Waters Designated As Impaired

- The proposed project will result in a new or increased discharge of a pollutant into waters that DEP has identified as being impaired by that pollutant. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss water quality based discharge limitations.

3. Interstate and International Waters

- The proposed project will result in a new or increased discharge into interstate or international waters. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss effluent limitations necessary to meet the requirements of the interstate or international compact.

4. Tributaries To The Chesapeake Bay

- The proposed project result in a new or increased discharge of sewage into a tributary to the Chesapeake Bay. This proposal for a new sewage treatment facility or new flows to an existing facility includes total nitrogen and total phosphorus in the following amounts: _____ pounds of TN per year, and _____ pounds of TP per year. Based on the process design and effluent limits, the total nitrogen treatment capacity of the wastewater treatment facility is _____ pounds per year and the total phosphorus capacity is _____ pounds per year as determined by the wastewater treatment facility permittee. The permittee has determined that the additional TN and TP to be contributed by this project (as modified by credits and/or offsets to be provided) will not cause the discharge to exceed the annual total mass limits for these parameters. Documentation of compliance with nutrient allocations is attached.

Name of Permittee Agency, Authority, Municipality _____

Initials of Responsible Agent (See Section G 2.b) _____

See *Special Instructions* (Form 3800-FM-WSFR0353-1) 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 5,500 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	3103599	10862598	65310	228584	70225	245788
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 _____

J. CHAPTER 94 CONSISTENCY DETERMINATION (Continued)

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)

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

- 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?
- 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.

Thomas J. Swisher	
Name (Print)	Signature
Project Landscape Architect	September 4, 2020
Title	Date
1610 Golden Mile Highway, Monroeville, PA 15146	724-327-0599
Address	Telephone Number

R. REVIEW FEE (See Section R of instructions)

The Sewage Facilities Act establishes a fee for the DEP planning module review. DEP will calculate the review fee for the project and invoice the project sponsor **OR** the project sponsor may attach a self-calculated fee payment to the planning module prior to submission of the planning package to DEP. (Since the fee and fee collection procedures may vary if a "delegated local agency" is conducting the review, the project sponsor should contact the "delegated local agency" to determine these details.) Check the appropriate box.

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

County Recorder of Deeds for Allegheny County, Pennsylvania

Deed Volume _____ Book Number _____

Page Number _____ Date Recorded _____

R. REVIEW FEE (continued)

Formula:

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

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

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
- For community sewer system projects, one EDU is equal to a sewage flow of 400 gallons per day.

2. For a surface or subsurface discharge system, use the appropriate one of these formulae.

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

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

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

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

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

The fee is based upon:

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

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

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

SECTION C – AVILABILITY OF DRINKING SUPPLY



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.

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: Northside Properties Residences IV LLC
Address of Property: 1908 Sedgewick Street, Pittsburgh, PA 15212
Proposed Use of Site: Residential
Closest street intersection to the property: Sedgewick & Morrison
Requestor Name: Jennifer DiNardo
Date of Request: 10/25/2018
Requestor Address: 429 Fourth Ave, suite 2010, Pittsburgh PA 15219
Requestor Phone Number: 412-355-0300 ext. 114

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: [X] Yes [] No
PWSA Sewer Service Available: [X] Yes [] No
Applicant must contact separate agency for water and/or sewer service: [] Yes [X] No
Name of separate agency:
PWSA Approval Authority: Signature and Date: Julie Ascioia 11/5/18
Name (printed): Julie Ascioia
Title: Business Development Relations Manager

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.



November 5, 2018

Jennifer DiNardo
429 Fourth Avenue, Suite 2010
Pittsburgh, PA 15219

**RE: Water and Sewer Availability
Northside Properties Residences IV, LLC
1908 Sedgewick Street**

Dear Ms. DiNardo:

In response to your inquiry on 10/26/2018 concerning water and sewer availability for the area referenced above, please be advised that both water and sewers are available near the site, and water and sewer service will be provided in accordance with the policies and procedures of the Pittsburgh Water and Sewer Authority.

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

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

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

Refer to the Pittsburgh Water and Sewer Authority (PWSA) website (www.pgh2o.com) for the complete "Procedure Manual for Developers". All tap in plans and applications must be submitted according to the manual. PWSA highly encourages a pre-development meeting for all developments.

If you have any questions please feel free to contact me at (412) 255-8800 x8019. Thank you.

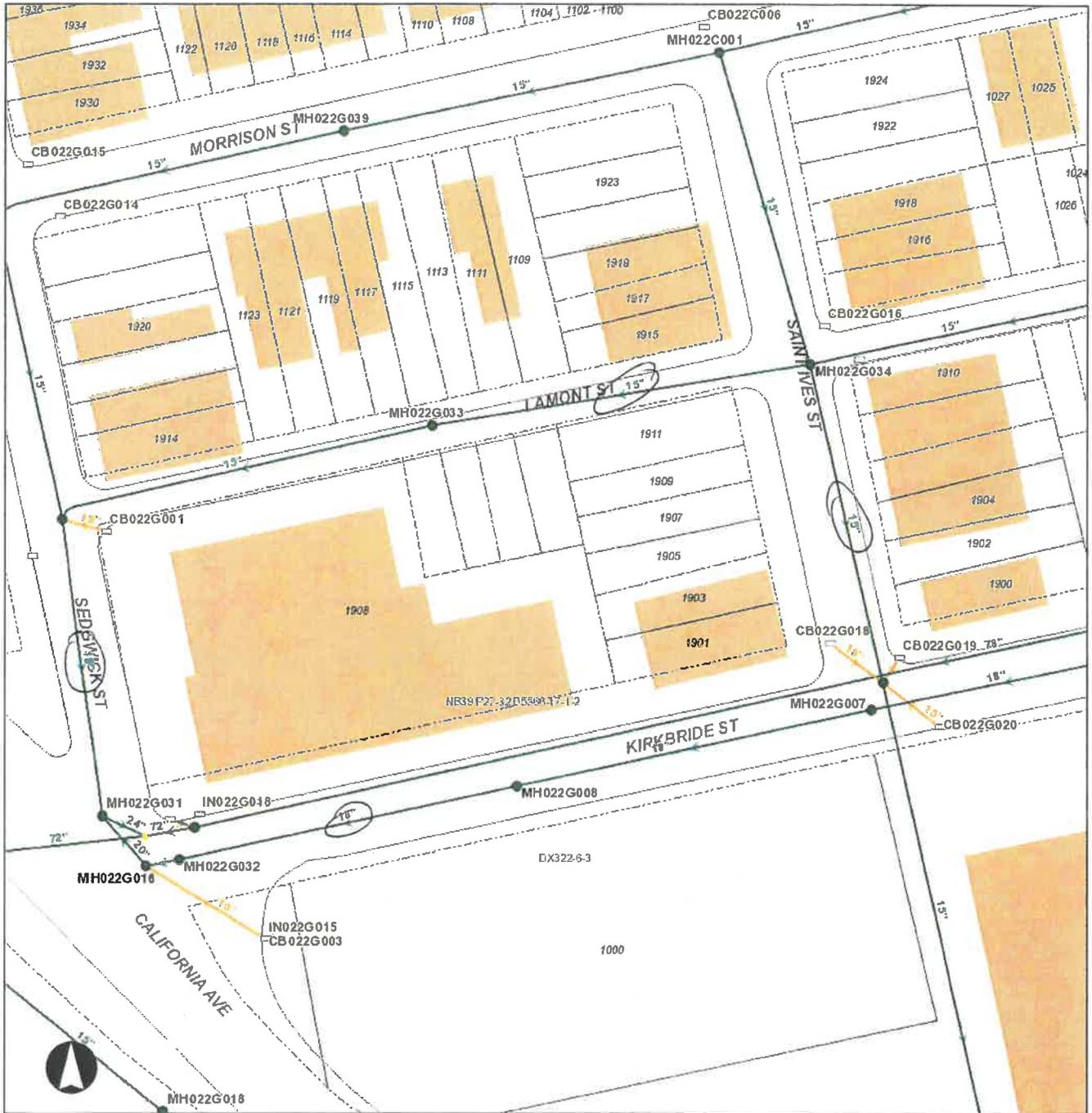
Sincerely,

A handwritten signature in black ink that reads 'Julie Ascioffa'.

Julie Ascioffa
Business and Development Relations Manager

cc: PWSA File

1908 Sedgewick Sewer



Legend

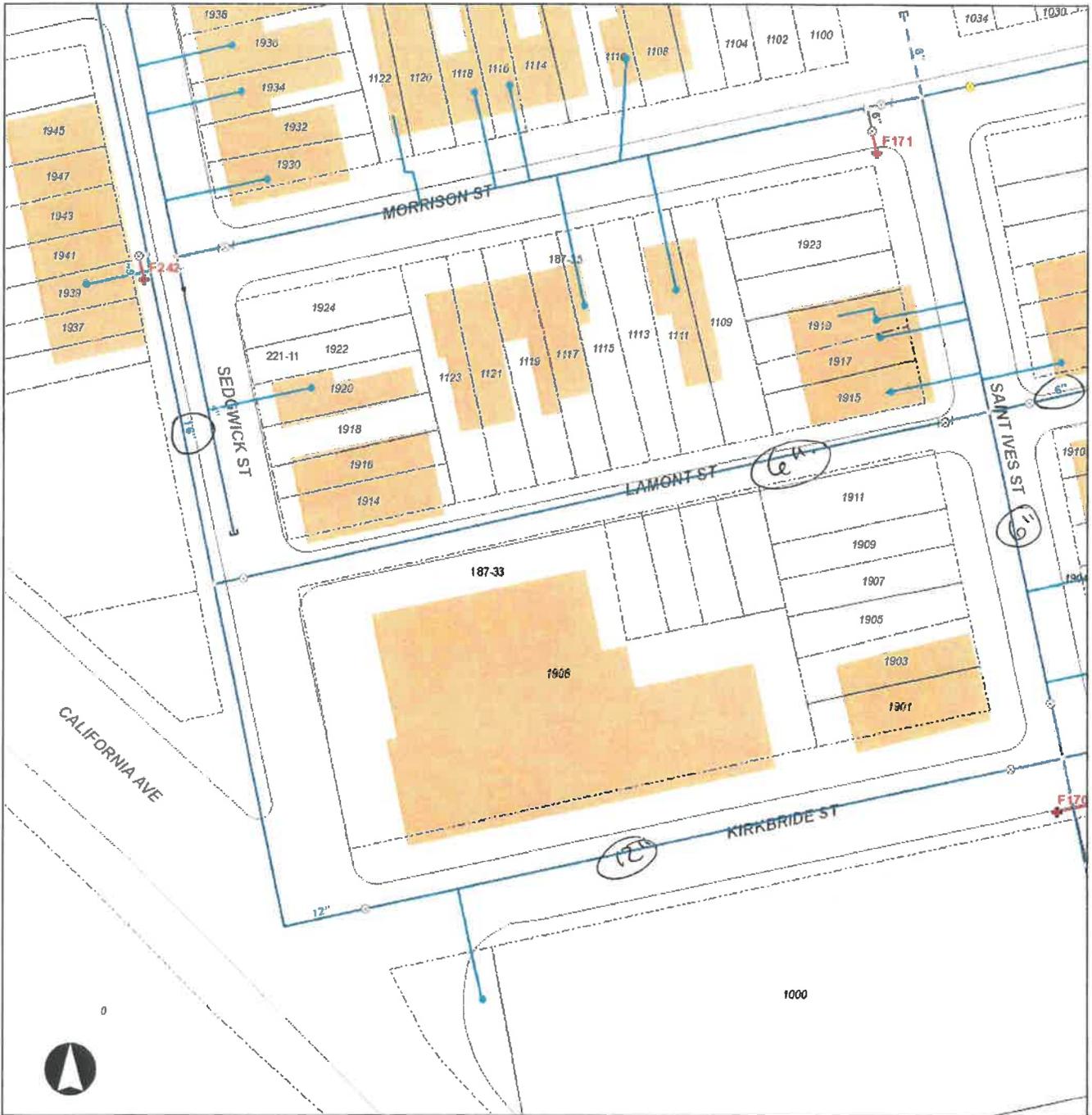
- | | | |
|---------------------------|----------------------|----------------------------|
| ● Meter | ○ Water Manhole | ■ Outfall |
| ⊠ Pump | — Rising Main | ● End Cap |
| ⊕ Hydrant | — Supply Main | ■ Sewer Pump Station |
| ⊕ Hydrant- Out of Service | — Transmission Main | — Combined Sewer |
| ⊕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



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

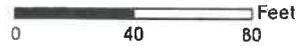
Date: 11/5/2018

1908 Sedgewick Water



Legend

- | | | |
|---------------------------|----------------------|----------------------------|
| ● Meter | ○ Water Manhole | ■ Outfall |
| ⊠ Pump | — Rising Main | ⊙ End Cap |
| ◆ Hydrant | — Supply Main | ■ Sewer Pump Station |
| ⊕ Hydrant- Out of Service | — Transmission Main | — Combined Sewer |
| ⊙ System Valve | — Distribution Main | — Sanitary Sewer |
| ⊙ Dividing Pressure Valve | — Hydrant Branch | — Storm Sewer |
| □ Cap | — Private Main | — Regulated Combined Sewer |
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| ⊕ Wash Out | □ Inlet | — Private Sewer |
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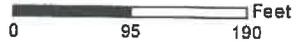
Date: 11/5/2018

Sedgwick Street



Legend

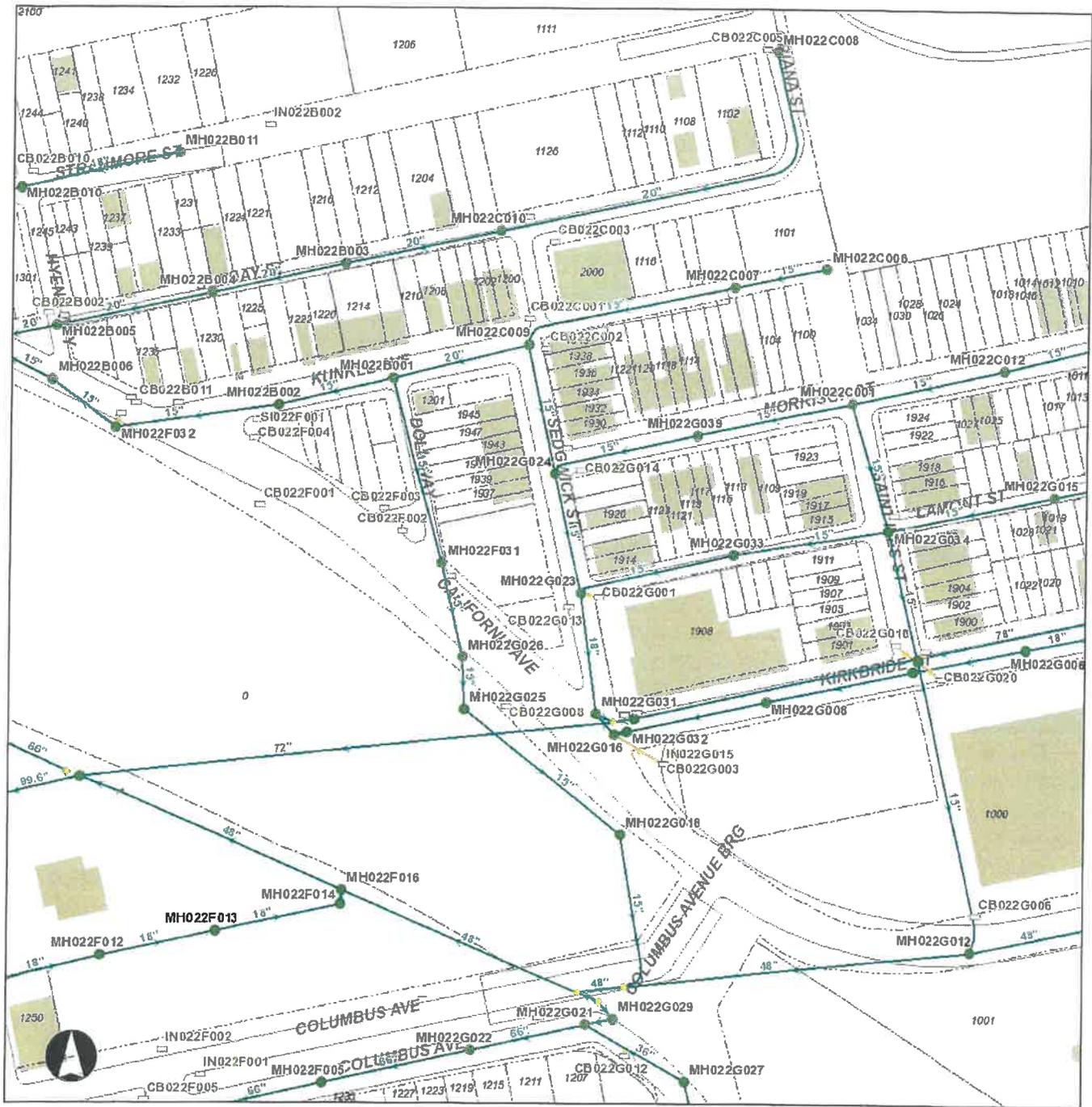
- | | | |
|----------------------------|----------------------|----------------------------|
| ● Meter | ○ Water Manhole | □ Outfall |
| ⊠ Pump | — Rising Main | ⊕ End Cap |
| ⊕ Hydrant | — Supply Main | ■ Sewer Pump Station |
| ⊕ Hydrant - Out of Service | — Transmission Main | — Combined Sewer |
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Date: 7/27/2018

Sedgwick Street



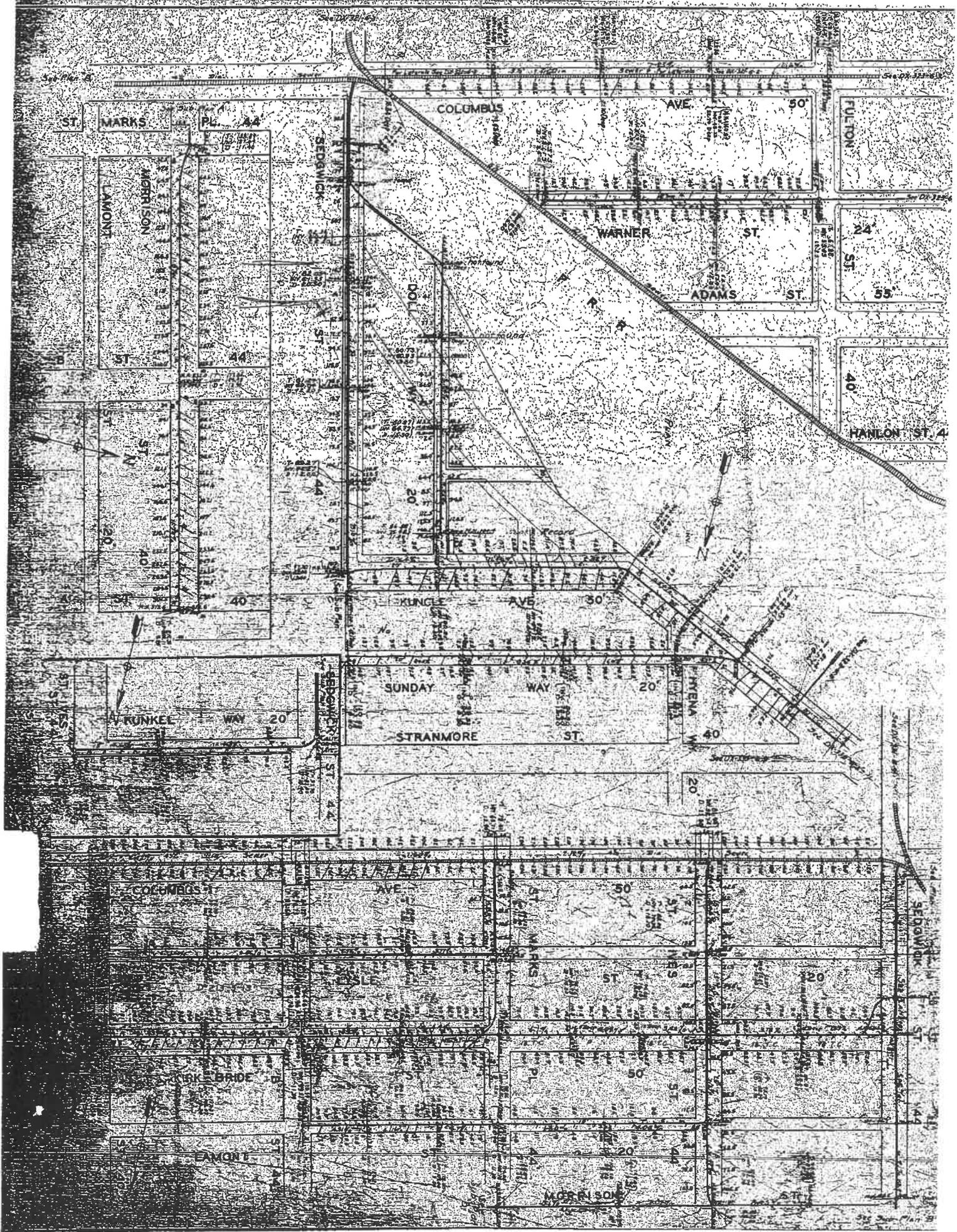
Legend

- | | | |
|---------------------------|----------------------|----------------------------|
| ● Meter | ○ Water Manhole | □ Outfall |
| ⊠ Pump | — Rising Main | ⊕ End Cap |
| ⊕ Hydrant | — Supply Main | ■ Sewer Pump Station |
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Date: 7/27/2018



SECTION F – PROJECT NARRATIVE

**PROJECT NARRATIVE
and
FLOW CALCULATION SHEET**

**For the
Cal-Bride Place
California Avenue (Northside)
Pittsburgh, PA 15212**

Applicant: Thomas J. Swisher, Fahringer, McCarty, Grey Inc.

Agent for: Northside Properties R&S, LLC

Date: March, 2021

Project Site Location, Zoning Classification and Proposed Use:

The general community area to be developed is located between California Avenue to the west, Sunday Way, Lamont Way, Kunkle Way and Kirkbride Street (east/west direction), St. Ives Street and Kirkbride Street (north/south direction). The property consists of forty-four (44) Tax Parcels currently owned by the City of Pittsburgh, Northside Properties R&S and a few other single lot owners. A list of properties to be redeveloped is attached to this narrative. The sites are relatively close in proximity to one another within a two to three block area and contain approximately 2.0 acres. Most of the lots are currently vacant or contain abandoned buildings.

Northside Properties R&S, LLC is proposing to purchase the lots/parcels owned by others in order to develop and construct forty-two (42) residential units. The proposed project includes a subdivision/consolidation plan to reconfigure the existing lots or tax parcels to accommodate the proposed two family dwelling units. The existing or reconfigured lots shall contain one dwelling unit each north of Kunkle Avenue (Lots 1-6) and the reconfigured lots (Lots 7 & 8) south of Kunkle Avenue will contain multiple units as allowed by zoning. Proposed Lot 7 will contain three duplexes (6 units) and proposed Lot 8 will contain a thirty (30) unit apartment building.

The properties being acquired will be fully developed as part of this construction. Northside Properties R&S, LLC or a related entity will own the property and buildings. The dwelling units will be rented to qualified person/s. No ground will remain vacant after the community development is completed.

Existing and Proposed Water Consumption and Sewage Flow Estimates:

Based on Google aerial photos (dated 2020), it has been determined that the subject area was mostly open fields with a few residential units on the subject tracts in 2016. It appears that in 2016 there was six (6) residential units that have been or will be razed (five on Kunkle Avenue *(two single family structures and three units of a three unit row house)* and one single family structure on Sedgwick Street). This has been summarized below:

Kunkle Avenue Existing Dwelling Units (2016) 400 gal/day x 5 dwelling units = 2,000 gallons per day

Sedgwick Street Existing Dwelling Units (2016) 400 gal/day x 1 dwelling units = 400 gallons per day

The proposed water consumption and sanitary flow estimates for the proposed forty-two (42) unit development of duplexes and apartments are as estimated below based on PWSA Manual. There are no community buildings or common amenities associated with this infill housing development.

The project is a conglomerate of different buildings over a small neighborhood and happens to fall on the border of two sewersheds. The flows entering the sewer on Kunkle Ave. take an entirely different route to Alcosan than the flows entering on Sedgwick St. Therefore, the water consumption and sanitary flow is broken into different analyses.

Proposed Units Flowing to Kunkle Avenue

Duplexes 1 - 5 (3 & 4 bedrooms) $400 \text{ gal/day} \times 10 \text{ dwelling units} = 4,000 \text{ gallons per day}$
Subtotal = 4,000 gallons per day
(10) EDU's

Proposed Units Flowing to Kirkbride Street

Duplex 6 $400 \text{ gal/day} \times 2 \text{ dwelling units} = 800 \text{ gallons per day}$
Apartments (one bedroom) $150 \text{ gal/day} \times 23 \text{ dwelling units} = 3,450 \text{ gallons per day}$
Apartments (two bedroom) $300 \text{ gal/day} \times 7 \text{ dwelling units} = 2,100 \text{ gallons per day}$
Subtotal = 6,350 gallons per day
(16) EDU's

Kunkle Avenue Total Sanitary Flow per day = 4,000 gallons or (10) EDU's

Kunkle Avenue Total Water Usage per day = 4,000 gallons per day

Kunkle Ave. Net Increase of Sanitary and Water Flow = 2,000 gallons per day or (5) EDU's

Sedgwick Street Total Sanitary Flow per day = 6,350 gallons or (16) EDU's

Sedgwick Street Total Water Usage per day = 6,350 gallons per day

Sedgwick St. Net Increase of Sanitary and Water Flow = 5,950 gallons per day or (15) EDU's

Proposed Sewage Conveyance and Treatment:

The individual lots and dwelling units will connect to the existing combination sewer systems within the public street right-of-ways. These connections will be designed and installed in accordance with the local governmental agencies that have jurisdiction. This connection will include utilizing the existing active taps, where possible and if determined to be in acceptable condition. If no existing taps are near the proposed dwelling location, a new tap and lateral will be installed per PWSA standards. These existing connections and new lateral lines will be gravity flow.

A separate roof/storm drain line will also attempt to utilize an existing lateral or tap, where possible. If a separate tap is found and is determined to be in acceptable condition, this will be utilized as a dedicated storm line. The storm and sanitary lines will be separated within five (5) feet of the main line in accordance with the current PWSA standards and details.

Estimated Stormwater Flows for the Existing and Proposed Conditions:

The existing estimated storm flows were calculated based on the Rational Method, $Q=CIA$ using the 25 year storm event. This calculation is for lot area only approximately 2.0 acres and does not account for changes in the roadways. The runoff coefficient is based on the areas of building roof, asphalt or concrete

pavement, lawn and wooded conditions. The estimated runoff (pre and post development) from the entire property is as follows:

Where:

Q = maximum rate of runoff, cubic feet per second (cfs)

C = coefficient of runoff based on type and character of surface.

i = average rainfall intensity, inches per hour (7.1" per hour for 25 year storm.)

A = drainage area in acres (2.0 acre site) (acreage of lots only)

Comparison based on current lot conditions versus proposed for lot acreage only. The proposed plan will also reduce impervious area through changes in road configuration. This calculation does not account for the reduced road surfaces.

EXISTING (2020): $Q = CiA$

Roof: $Q = 0.95 \times 7.1 \times 0.10 = 0.1$ cfs

Open: $Q = 0.35 \times 7.1 \times 1.90 = 4.7$ cfs

Total = 4.8 cfs

PROPOSED: $Q = CiA$

Roof: $Q = 0.95 \times 7.1 \times 0.83 = 5.6$ cfs

Lawn: $Q = 0.30 \times 7.1 \times 1.17 = 2.5$ cfs

Total = 8.1 cfs*

- * Please note that a PCSM Plan is required to be submitted and approved by the governmental agencies having jurisdiction. The proposed development will utilize PCSM BMP's, inlets and pipes to control and convey the stormwater runoff from the proposed site to the public system.

Proposed Stormwater Runoff Calculations:

Based on the existing coverage that exists within this neighborhood, the proposed redevelopment of this portion of the community will have more impervious coverage (roof and pavement area). Therefore, the developed site will generate more stormwater runoff than the pre-developed condition.

Please note, these calculations only take the lot properties into account and do not account for the changes within the impervious surface associated with the roadways. The reconfigured roads will reduce the amount of impervious paving within the neighborhood.

Proposed Upgrades to Existing Storm Sewer System:

The redevelopment plans for this community includes reducing the width of California Avenue as well as the reconfiguration of the intersections between California Avenue with Sedgwick Street and Kirkbride Street. Sedgwick Street and Doll Way will no longer connect directly to California Avenue. These improvements are proposed to create a safer environment for vehicular and pedestrian traffic as well as decrease stormwater runoff. As part of these improvements, sewer lines and associated catch basins may be reconstructed to accommodate new curb lines and drainage flows. In addition, the water system including fire hydrants may need to be reviewed and/or abandoned to minimize future maintenance needs.

Proposed Upgrades to Existing Storm Sewer System:

The development plans for this neighborhood includes repaved sidewalks with street trees. The required street trees are proposed to create a safer and healthier environment by decreasing stormwater runoff via foliage and reduced sidewalk paving for the tree wells. As part of the sidewalk repaving, a few catch

basins may be reconstructed to accommodate new curb lines and new drainage flows. The narrowing of California Avenue requires new inlets to be installed along the new proposed curb line. The new inlets will be tied to the existing inlet structures. A few of the existing inlets may need converted to manhole structures or reconfigure the top of the structure into a 'Type M' inlet.

Existing Sewer Slopes:

Kunkle Avenue: To calculate the slope of the existing sewers along Kunkle Avenue between Sedgwick Street and California Avenue were measured in the field by Robinson Pipe as reflected in their March 11 and April 22, 2020 CCTV Inspection Reports. Field measurements yield slopes of 6.7%, 4.5% and 1.8% along Kunkle Street.

Sedgwick Street: To calculate the slope of the existing sewer along Sedgwick Street between Lamont Way and Kirkbride Street depths were measured in the field per survey data. Field measurements yield slopes of 3.39% between Manhole 22G23 and Manhole 22G031 along Street Street.

Existing Flow Depth:

Kunkle Avenue: CCTV inspection was completed by Robinson Pipe on April 22, 2020. The existing flow depth was measured at manholes MH22B01 and MH22B02 over an hour during the CCTV Inspections. Flow was at 5% capacity on a dry Wednesday morning.

Sedgwick Street: CCTV inspection was completed by Robinson Pipe on March 11, 2020. The existing flow depth was measured at manholes MH22G23 and MH22G24 over an hour during the CCTV Inspections. Flow was at 5% capacity on a dry Wednesday morning.

Flow Tests:

Flow tests were conducted using the Peak Flow Measurement method. Five tests were conducted on February 15, 2021 in the AM for both Kunkle Avenue Flows and Sedgwick Street Flows.

Manhole MH022F032 was tested for the Kunkle Flows and yielded 3" flows during all times of inspection between 8:00 AM and 9:00 AM

Manhole MH022G31 was tested for the Kirkbride Flows and yielded 1" flows during all times of inspection between 7:00 AM and 8:00 AM

Tax Parcels 22-G

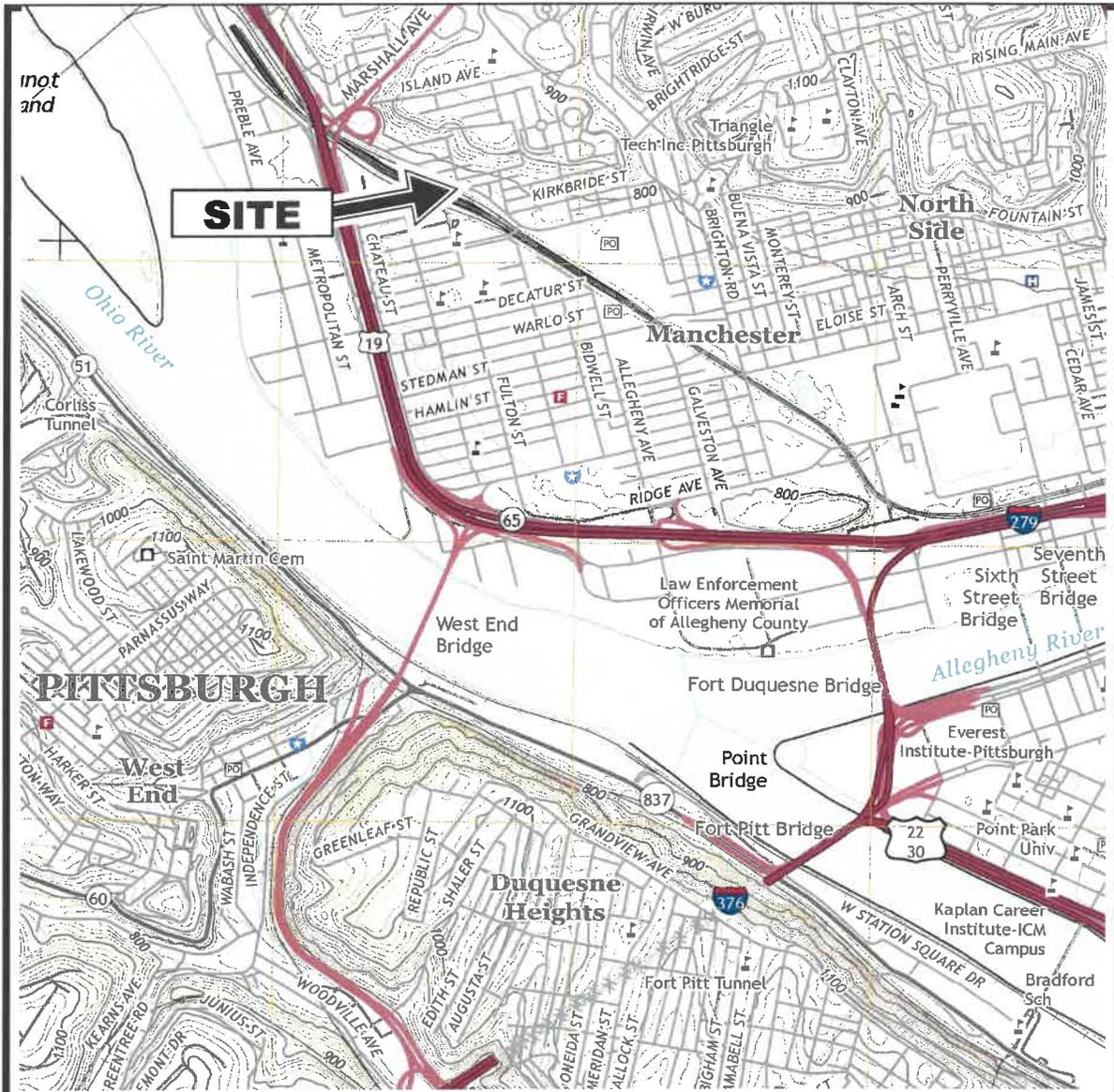
Parcel ID	Owner Name	Address
0022-G-00001-0000-00	CITY OF PITTSBURGH	1945 SEDGWICK ST
0022-G-00002-0000-00	CITY OF PITTSBURGH	1947 SEDGWICK ST
0022-G-00004-0000-00	CITY OF PITTSBURGH	1943 SEDGWICK ST
0022-G-00005-0000-00	NORTHSIDE PROPERTIES R&S LLC	1941 SEDGWICK ST
0022-G-00006-0000-00	NORTHSIDE PROPERTIES R&S LLC	1937 SEDGWICK ST
0022-G-00006-000A-00	NORTH SIDE PROPERTIES RESIDENCES IV LLC	1939 SEDGWICK ST
0022-G-00007-0000-00	NORTHSIDE PROPERTIES R&S LLC	SEDGWICK ST
0022-G-00008-0000-00	NORTHSIDE PROPERTIES R&S LLC	SEDGWICK ST
0022-G-00014-0000-00	CITY OF PITTSBURGH	SEDGWICK ST
0022-G-00020-0000-00	CITY OF PITTSBURGH	1924 SEDGWICK ST
0022-G-00021-0000-00	NORTH SIDE PROPERTIES RESIDENCES IV LLC	1922 SEDGWICK ST
0022-G-00023-0000-00	CITY OF PITTSBURGH	1918 SEDGWICK ST
0022-G-00024-0000-00	CITY OF PITTSBURGH	1916 SEDGWICK ST
0022-G-00025-0000-00	CITY OF PITTSBURGH	1914 SEDGWICK ST
0022-G-00116-0000-00	NORTHSIDE PROPERTIES R&S LLC	1905 SAINT IVES ST
0022-G-00117-0000-00	NORTHSIDE PROPERTIES R&S LLC	1907 SAINT IVES ST
0022-G-00118-0000-00	NORTHSIDE PROPERTIES R&S LLC	1909 SAINT IVES ST
0022-G-00119-0000-00	NORTHSIDE PROPERTIES R&S LLC	1911 SAINT IVES ST
0022-G-00120-0000-00	NORTHSIDE PROPERTIES R&S LLC	1109 LAMONT ST
0022-G-00121-0000-00	NORTHSIDE PROPERTIES R&S LLC	1111 LAMONT ST
0022-G-00122-0000-00	NORTHSIDE PROPERTIES R&S LLC	1113 LAMONT ST
0022-G-00123-0000-00	NORTHSIDE PROPERTIES R&S LLC	1115 LAMONT ST
0022-G-00127-0000-00	NORTHSIDE PROPERTIES R&S LLC	1908 SEDGWICK ST
0022-G-00128-0000-00	CITY OF PITTSBURGH	1901 SAINT IVES ST
0022-G-00128-000A-00	CITY OF PITTSBURGH	1903 SAINT IVES ST

Tax Parcels 22-F

Parcel ID	Owner Name	Address
0022-F-00004-0000-00	CITY OF PITTSBURGH	CALIFORNIA AVE
0022-F-00005-0000-00	CITY OF PITTSBURGH	CALIFORNIA AVE
0022-F-00006-0000-00	CITY OF PITTSBURGH	1219 CALIFORNIA AVE
0022-F-00007-0000-00	CITY OF PITTSBURGH	CALIFORNIA AVE
0022-F-00008-0000-00	CITY OF PITTSBURGH	CALIFORNIA AVE
0022-F-00009-0000-00	CITY OF PITTSBURGH	1939 DOLL WAY

Tax Parcels 22-B

Parcel ID	Owner Name	Address
0022-B-00278-0000-00	CITY OF PITTSBURGH	CALIFORNIA AVE
0022-B-00280-0000-00	CITY OF PITTSBURGH	1238 CALIFORNIA AVE
0022-B-00281-0000-00	CITY OF PITTSBURGH	1236 CALIFORNIA AVE
0022-B-00282-0000-00	CITY OF PITTSBURGH	1234 CALIFORNIA AVE
0022-B-00282-000A-00	CITY OF PITTSBURGH	1233 SUNDAY ST
0022-B-00283-0000-00	CITY OF PITTSBURGH	1232 KUNKLE AVE
0022-B-00284-0000-00	CITY OF PITTSBURGH	1230 CALIFORNIA AVE
0022-B-00285-0000-00	CITY OF PITTSBURGH	1227 KUNKLE AVE
0022-B-00286-0000-00	CITY OF PITTSBURGH	1226 KUNKLE AVE
0022-B-00286-000A-00	CITY OF PITTSBURGH	1225 SUNDAY ST
0022-B-00287-0000-00	CITY OF PITTSBURGH	1224 CALIFORNIA AVE
0022-B-00288-0000-00	CITY OF PITTSBURGH	1222 KUNKLE AVE
0022-B-00289-0000-00	CITY OF PITTSBURGH	1220 CALIFORNIA AVE
0022-B-00290-0000-00	NORTH SIDE ASSOCIATES	1214 KUNKLE AVE



- Project Location Map -

CAL-BRIDE PLACE

City of Pittsburgh Allegheny County, PA
 SCALE: 1" = 2000' JOB NO. 4555-08
 SOURCE: Pittsburgh West, PA, 7 1/2 Minute U.S.G.S. Quadrangle

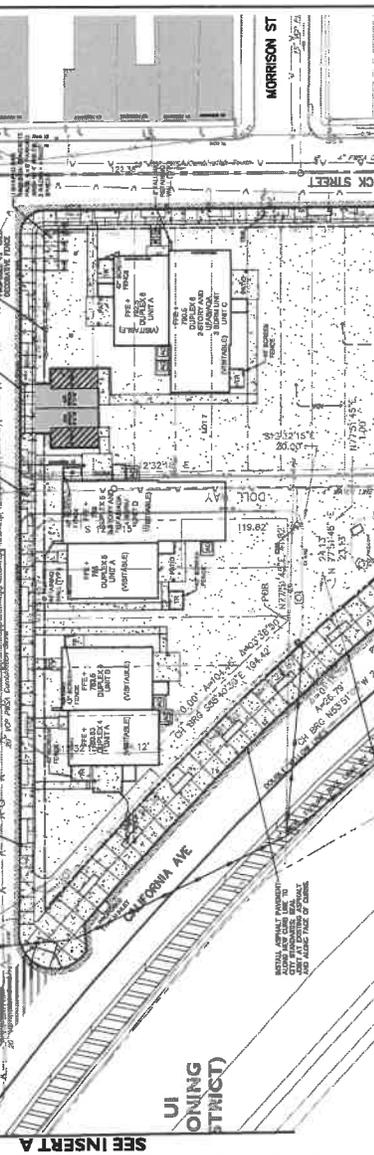
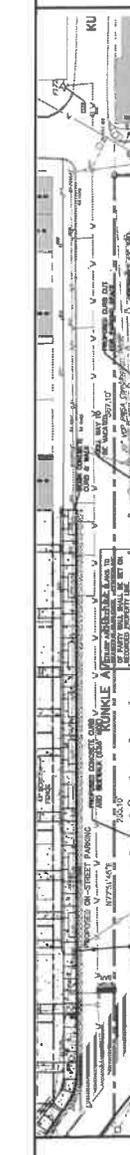
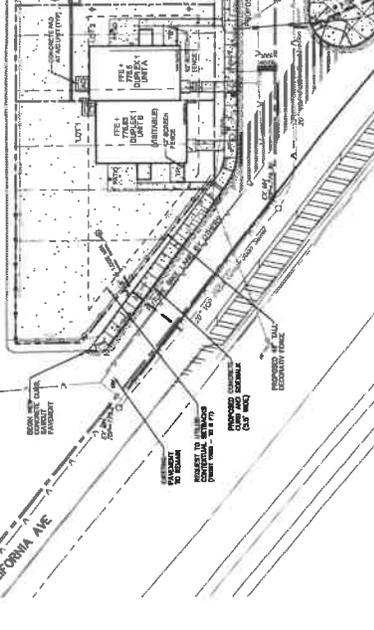
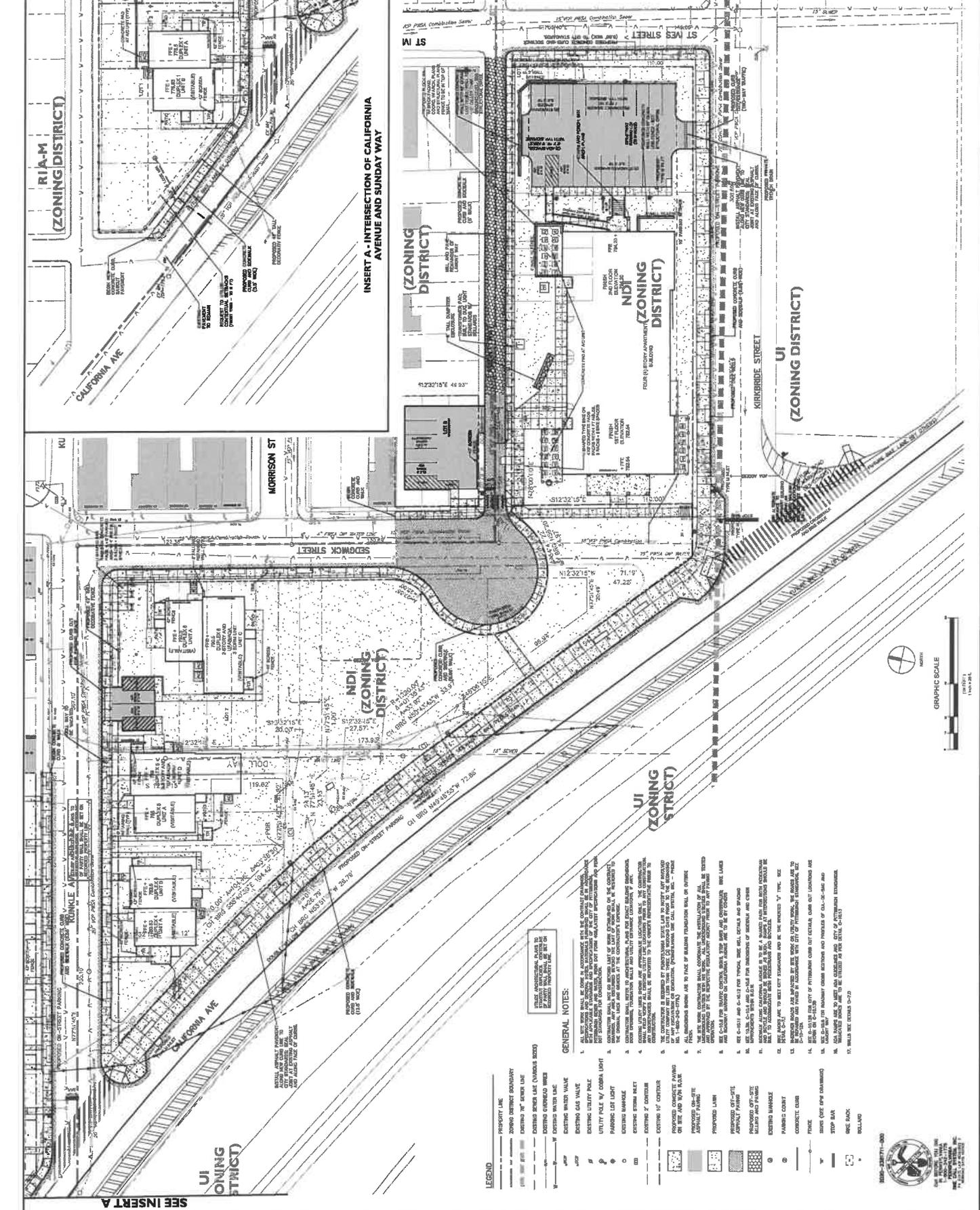


FAHRINGER, McCARTY, GREY, INC.
 LANDSCAPE ARCHITECTS AND ENGINEERS
 1610 Golden Mile Highway, Monroeville, PA 15146-2010

**SECTION G –
PROPOSED WASTEWATER DISPOSAL FACILITIES
ITEM 3: PLOT PLANS**

James J. Brown
 Professional Engineer
 No. 10000
 State of Pennsylvania

FAIRBANKS
 FAIRBANKS ARCHITECTS AND CIVIL ENGINEERS
 1445 SOUTH HILL HIGHWAY, PITTSBURGH, PA 15206
 WWW.FAIRBANKS.COM | (724) 937-8818



**SECTION G –
PROPOSED WASTEWATER DISPOSAL FACILITIES
ITEM 7: PNDI SEARCH**

1. PROJECT INFORMATION

Project Name: **Cal-Bride Place**

Date of Review: **6/15/2020 09:32:54 AM**

Project Category: **Development, New commercial/industrial development (store, gas station, factory)**

Project Area: **5.29 acres**

County(s): **Allegheny**

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

ZIP Code: **15212**

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

Watersheds HUC 8: **Upper Ohio**

Watersheds HUC 12: **Kilbuck Run-Ohio River**

Decimal Degrees: **40.459789, -80.024289**

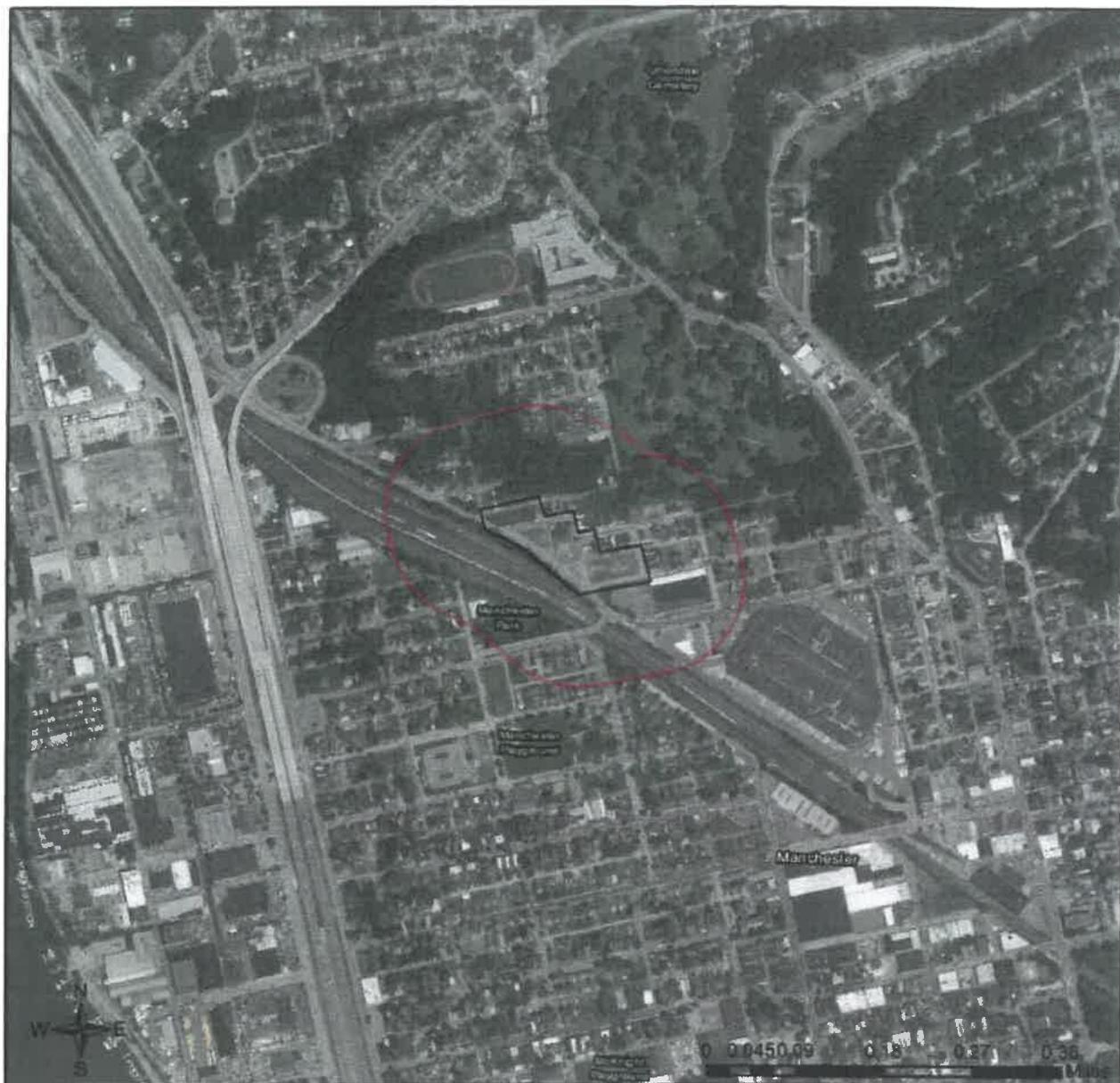
Degrees Minutes Seconds: **40° 27' 35.2404" N, 80° 1' 27.4410" W**

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

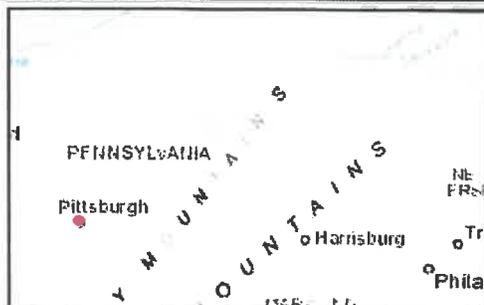
As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with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

Cal-Bride Place

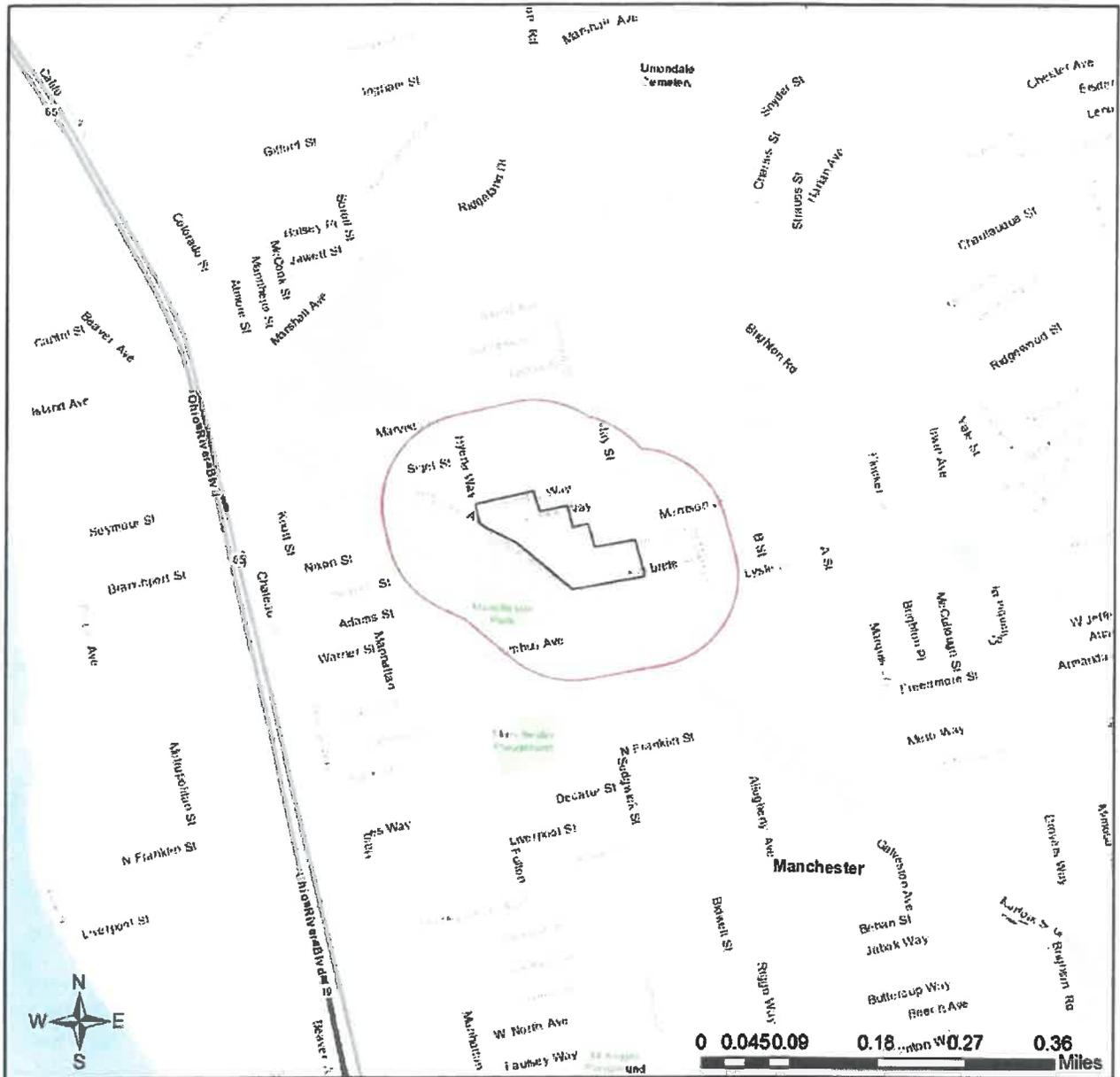


- Project Boundary
- Buffered Project Boundary

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Sources: Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China

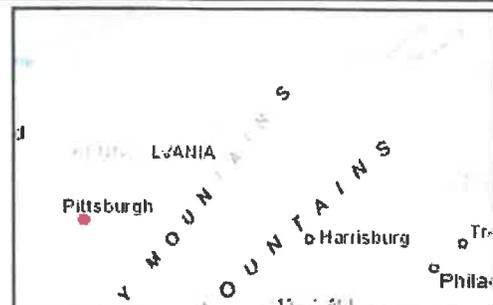


Cal-Bride Place



- Project Boundary
- Buffered Project Boundary

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



RESPONSE TO QUESTION(S) ASKED

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

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

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

Your answer is: No

3. AGENCY COMMENTS

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

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

PA Game Commission

RESPONSE:

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

PA Department of Conservation and Natural Resources

RESPONSE:

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

PA Fish and Boat Commission

RESPONSE:

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

U.S. Fish and Wildlife Service

RESPONSE:

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

4. DEP INFORMATION

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

5. ADDITIONAL INFORMATION

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

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

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

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

PA Fish and Boat Commission

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

U.S. Fish and Wildlife Service

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

PA Game Commission

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

7. PROJECT CONTACT INFORMATION

Name: DANIEL GRAPER
Company/Business Name: FAHRINGER McCARTY GREY INC.
Address: 1610 GOLDEN MILE HWY
City, State, Zip: MONROEVILLE, PA 15146
Phone: (724) 327-0599 Fax: (724) 733-4577
Email: DGRAPER@FMG INC. US

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

06/15/2020
date

**SECTION H -
ALTERNATIVE ANALYSIS**

**SECTION J –
CHAPTER 94 –
CONSISTENCY DETERMINATION**



June 2, 2020

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

Subject: Tap Allocation Authorization Letter

Dear Mr. Flanagan:

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

Project Name:	20013.08 Cal-Bride Place
Project Address:	California Avenue and Kirkbride Street Pittsburgh, PA 15212
Net Flow, gpd:	7,950
EDU's, 400gpd/EDU:	19.88

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 x5543 or BGrunauer@pgh2o.com.

Sincerely,

Ben Grunauer

Benjamin Grunauer, E.I.T.
Engineer II

cc: Barry King, P.E. – PWSA (via email)
Kate Mechler, P.E. – PWSA (via email)
Robert Herring, P.E. – PWSA (via email)
Tom Swisher – Applicant (via email)
Regis Ryan – DEP (via email)
eBuilder – Filing System (via email)

SECTION J, Part 2 - Kunkle Ave

a. Design and/or Permitted Capacity (gpd)

Peak Design Flow Calculation:

Using Manning's Equation, Peak Design Flow = 22.619 cfs = **14617994 gpd**

Existing Length of Pipe along Kunkle Ave. that proposed flow will be conveyed to:

Pipe Diameter = 20-inch
Pipe Material = VCP
"n" coefficient = 0.015

Slope = 0.0350 ft/ft
Area = 2.182 sf
Perimeter = 5.236 ft
Hydraulic Radius = 0.417 ft

Average Design Flow Calculation:

Peak Design Flow divided by 3.5 for Combined Sewers

$$\frac{14617994 \text{ gpd}}{3.5} = \mathbf{4176570 \text{ gpd}}$$

b. Present Flows (gpd)

Average Present Flow Calculation:

Present flow of 3.0-inch

Explanation: Flow Depth based on Robinson Pipe average flow monitoring on February 15, 2021 .

Using Manning's Equation, Average Present Design Flow = 1.099 cfs = **710571 gpd**

Existing Length of Pipe along Kunkle Avenue that proposed flow will be conveyed to:

Pipe Diameter = 20-inch
Pipe Material = VCP
"n" coefficient = 0.015

Slope = 0.0350 ft/ft
Area = $D^2/8 (\pi \Theta / 180 - \sin \Theta)$
Area = 0.205 sf
Perimeter = $(\pi D \Theta)/360$
Perimeter = 1.326 ft
D= 1.67 feet
 Θ =91.15
Hydraulic Radius = 0.155 ft

Peak Present Flow Calculation:

Peak Present Flow is 3.5 times the Average Measured Flow for Combined Sewers
= 710571 gpd X 3.0 = **2486998 gpd**



c. Projected Flow in 5 years (gpd) (2 years for Pump Stations)

The peak projected flow should represent a 5% increase from the sum of the present flow and the project flow due to increased density (per PWSA Procedures Manual for Developers Version 6 - Issued 03/14)

Average Projected Flow Calculation:

Project Peak	= 2615548 gpd
P.F.	= 3.5 gpd
Project Average	= 747299 gpd
	= 747299 gpd

Peak Projected Flow Calculation:

Peak Present Flow:	= 2486998 gpd	
Project Flow:	= 4000 gpd	
Sum of Present and Project Flow:	= 2490998 gpd	X 5% = 124550 gpd
	= 2615548 gpd	

(peak projected flow divided + projected flow) x 5%

SECTION J, Part 2 - Kirkbride Street

a. Design and/or Permitted Capacity (gpd)

Peak Design Flow Calculation:

Using Manning's Equation, Peak Design Flow = 16.808 cfs = **10862598 gpd**

Existing Length of Pipe along Kirkbride St. that proposed flow will be conveyed to:

Pipe Diameter = 18-inch

Pipe Material = Clay

"n" coefficient = 0.015

Slope = 0.0339 ft/ft

Area = 1.767 sf

Perimeter = 4.712 ft

Hydraulic Radius = 0.375 ft

Average Design Flow Calculation:

Peak Design Flow divided by 3.5 for Combined Sewers

$$\frac{10862598 \text{ gpd}}{3.5} = \mathbf{3103599 \text{ gpd}}$$

b. Present Flows (gpd)

Average Present Flow Calculation:

Present flow of 1.0-inch

Explanation: Flow Depth based on Robinson Pipe average flow monitoring on February 15, 2021 .

Using Manning's Equation, Average Present Design Flow = 0.101 cfs = **65310 gpd**

Existing Length of Pipe along Sedgwick Street that proposed flow will be conveyed to:

Pipe Diameter = 18-inch

Pipe Material = Clay

"n" coefficient = 0.015

Slope = 0.0339 ft/ft

Area = $D^2/8 (\pi \theta / 180 - \sin \theta)$

Area = 0.192 sf

Perimeter = $(\pi D \theta)/360$

Perimeter = 1.201 ft

D = 1.50 feet

$\theta = 110.10$

Hydraulic Radius = 0.160 ft

Peak Present Flow Calculation:

Peak Present Flow is 3.5 times the Average Measured Flow for Sanitary Sewers
= 65310 gpd X 3.0 = **228584 gpd**



c. Projected Flow in 5 years (gpd) (2 years for Pump Stations)

The projected flow should represent a 5% increase from the sum of the present flow and the project flow due to increased density (per PWSA Procedures Manual for Developers Version 6 - Issued 03/14)

Average Projected Flow Calculation:

Average Present Flow:	= 245788 gpd
Project Flow:	= 3.5 gpd
Sum of Present and Project Flow:	= 70225 gpd

Peak Projected Flow Calculation:

Peak Present Flow:	= 228584 gpd	
Project Flow:	= 5500 gpd	
Sum of Present and Project Flow:	= 234084 gpd	X 5% = 11704 gpd
	= 245788 gpd	

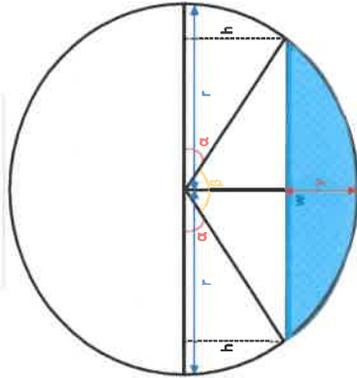
Manning's Equation for:
CIRCULAR PIPE

Flow	Metric or English (M/E)?	c	n	Radius, r (ft)	Slope, S (ft/ft)	Depth, y (ft)	Above, Below, or Equal to Midheight?	Height Above or Below Midheight, h (ft)	α (degrees)	β (degrees)	Width, w (ft)	Area, A (ft²)	Wetted Perimeter, P (ft)	Hydraulic Radius, R (ft)	Velocity, V (ft/s)	Flow, Q (cfs)	350% Low Flow, Q (cfs)	Flow from Dev. (gpd)	Flow from Dev. (cfs)	Pipe Capacity (cfs)	Sufficient?
LOW FLOW	e	1.49	0.015	0.750	0.0339	0.083	BELOW	0.667	63	54.42	0.686	0.038	0.712	0.054	2.610	0.100	0.351	5100	0.00789	16.807	OK
FULL FLOW	e	1.49	0.015	0.750	0.0339	1.500	ABOVE	0.750	90	0	0	1.767	4.712	0.375	9.511	16.807					

Pipe Dimensions
 18" diameter -- Kirkbride
 1.5' diameter
 9" radius
 .75' radius

Flow Depth
 1.00"
 .083'

LOW FLOW



MIDHEIGHT

Manning's Equation for a Partially Filled Pipe
 Based Off of Manning's Formula:

$$V = \frac{C}{n} R^{2/3} S^{1/2}$$

and $Q = \frac{V}{A}$

thus $Q = \frac{C}{n} A R^{2/3} S^{1/2}$

where

- r = Radius
- A = Area of Pipe
- P = Wetted Perimeter
- R = Hydraulic Radius
- S = Slope of Pipe
- C = Conversion Factor
- n = Manning's Roughness Coefficient

Please Filled Below Midheight - Manning's Equation Alterations:
 (Please refer to LOW FLOW Diagram above)

$$Q = \frac{C}{n} A R^{2/3} S^{1/2}$$

but A, P, and thus R change, based off of the smaller flow arc

now

$$A = \pi r^2 - \frac{1}{360} \beta w h$$

$$P = 2\pi r - \frac{\beta w}{360}$$

where

- Y = Depth of Flow
- h = Height Below Midheight
- α = Outer Angle
- β = Central Angle
- w = Surface Width of Flow

Explanation: Area of the pipe is equal to the area of the inner arc less the area of the inner triangle
 Explanation: Wetted perimeter is equal to the perimeter of the arc

Explanation: Outer angle found by trigonometry and then converted from radians to degrees



CONSISTENCY COMPONENTS

COMPONENT 4A – MUNICIPALITY PLANNING AGENCY REVIEW

COMPONENT 4C – COUNTY HEALTH AGENCY REVIEW



INSTRUCTIONS FOR COMPLETING COMPONENT 4A MUNICIPAL PLANNING AGENCY 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.



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
Cal-Bride Place

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

1. Date plan received by municipal planning agency September 16, 2020
2. Date review completed by agency September 16, 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"/> | N/A <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	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. Is this proposal consistent with the ordinance? If no, describe the inconsistencies _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. Is this plan consistent with the municipal Official Sewage Facilities Plan? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? If yes, describe _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?
<input type="checkbox"/>	<input type="checkbox"/>	If yes, is the proposed waiver consistent with applicable ordinances? If no, describe the inconsistencies _____
17. Name, title and signature of planning agency staff member completing this section: Name: <u>Martina Battistone</u> Title: <u>Senior Environmental Planner</u> Signature: <u><i>Martina Wolf Battistone</i></u> Date: <u>September 16, 2020</u> Name of Municipal Planning Agency: <u>City of Pittsburgh Department of City Planning</u> Address <u>200 Ross Street 4th Floor Pittsburgh, PA 15219</u> Telephone Number: <u>(412) 255-2516</u>		

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

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

The planning agency must complete this component within 60 days.

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



INSTRUCTIONS FOR COMPLETING COMPONENT 4A MUNICIPAL PLANNING AGENCY 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.

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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.



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

Cal-Bride Place

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

1. Date plan received by municipal planning agency September 16, 20202. Date review completed by agency September 16, 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"/> | N/A <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	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. Is this proposal consistent with the ordinance? If no, describe the inconsistencies _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. Is this plan consistent with the municipal Official Sewage Facilities Plan? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? If yes, describe _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?
<input type="checkbox"/>	<input type="checkbox"/>	If yes, is the proposed waiver consistent with applicable ordinances? If no, describe the inconsistencies _____
17. Name, title and signature of planning agency staff member completing this section:		
Name: <u>Martina Battistone</u>		
Title: <u>Senior Environmental Planner</u>		
Signature: <u><i>Martina Wolf Battistone</i></u>		
Date: <u>September 16, 2020</u>		
Name of Municipal Planning Agency: <u>City of Pittsburgh Department of City Planning</u>		
Address: <u>200 Ross Street 4th Floor Pittsburgh, PA 15219</u>		
Telephone Number: <u>(412) 255-2516</u>		

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

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

The planning agency must complete this component within 60 days.

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

COUNTY OF



ALLEGHENY

RICH FITZGERALD
COUNTY EXECUTIVE

September 18, 2020

Thomas J. Swisher, RLA,
Fahringer, McCarty, Grey, Inc.
1610 Golden Mile Highway
Monroeville, PA 15146

**RE: SEWAGE FACILITIES PLANNING MODULE; ALLEGHENY COUNTY
Cal-Bride Place – Kunkle Avenue; City of Pittsburgh**

Dear Mr. Swisher:

Enclosed is a signed copy of Component 4C, County or Joint County Health Department Review, for the above-referenced development. This Planning Module Component was received on September 16, 2020. The project proposes the following:

Project Description:	Cal-Bride Place - Kunkle Avenue. Proposing to demolish 4 existing dwelling, consolidate 33 tax parcels into 7 parcels, fully develop the properties and construct six (6) duplexes (three & four bedrooms) located on Kunkle Avenue in the City of Pittsburgh, Allegheny County.
Sewage Flow:	4,800 GPD
Conveyance:	The flow from this site will be conveyed to the Pittsburgh Water & Sewer Authority (PWSA) collection system to ALCOSAN POC O-32 to the Ohio River interceptor and then to the ALCOSAN Treatment Plant at Woods Run.
Sewer's Owner:	PWSA (collection) and ALCOSAN (interceptor)
Name of Sewage Treatment Plant:	ALCOSAN

Please be advised that a permit must be obtained from the Allegheny County Health Department's (ACHD) Plumbing Section prior to commencing any plumbing work for the proposed project. Plumbing work for which an ACHD Plumbing Permit must be obtained includes any plumbing work done on the site and any sewers, which will not be owned and operated by a municipality or a sewer authority.



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

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

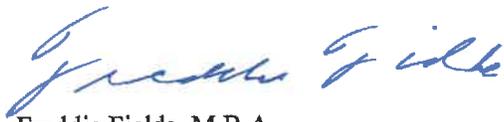


Mr. Thomas J. Swisher, RLA,
September 18, 2020
Page 2

In addition, it should be noted that the approval of this sewage facilities planning module does not include approval of pipe size and/or type. Approval for pipe size and/or type must be obtained by filing a specific plumbing plan with the ACHD's Plumbing Section. If you should have any questions relative to ACHD's plumbing requirements, you can contact Ivo Miller, Plumbing Program Manager at 412-578-8393.

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

Sincerely,



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

FF/cb
Enclosure

cc: Thomas Flanagan, PA Department of Environmental Protection w/attachment (electronically)
Ivo Miller, ACHD w/attachment (electronically)

**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

Cal-Bride Place - Kunkle Avenue

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

1. Date plan received by county or joint county health department September 16, 2020.

Agency name Allegheny County Health Department (ACHD)

2. Date review completed by agency September 18, 2020

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 _____

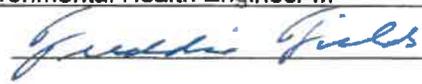
3. Is there any known groundwater degradation in the area of this proposal?
 If yes, describe _____

4. The county or joint county health department recommendation concerning this proposed plan is as follows: ACHD recommends approval. See attached letter.

5. Name, title and signature of person completing this section:

Name: Freddie Fields

Title: Environmental Health Engineer III

Signature: 

Date: September 18, 2020

Name of County Health Department: ACHD

Address: 3901 Penn Avenue, Building #5, Pittsburgh, PA 15224-1318

Telephone Number: 412-578-8046

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

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

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



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.

COUNTY OF



ALLEGHENY

RICH FITZGERALD
COUNTY EXECUTIVE

September 18, 2020

Thomas J. Swisher, RLA,
Fahringer, McCarty, Grey, Inc.
1610 Golden Mile Highway
Monroeville, PA 15146

**RE: SEWAGE FACILITIES PLANNING MODULE; ALLEGHENY COUNTY
Cal-Bride Place – Kirkbride Street, City of Pittsburgh**

Dear Mr. Swisher:

Enclosed is a signed copy of Component 4C, County or Joint County Health Department Review, for the above-referenced development. This Planning Module Component was received on September 16, 2020. The project proposes the following:

Project Description:	Cal-Bride Place - Kirkbride Street. Proposing to consolidate 11 tax parcels into 1 parcel, demolish 1 existing dwelling, fully develop the property and construct a four (4) story, 30-unit apartment building (one & two bedrooms) located on Kirkbride Street in the City of Pittsburgh, Allegheny County.
Sewage Flow:	5,500 GPD
Conveyance:	The flow from this site will be conveyed to the Pittsburgh Water & Sewer Authority (PWSA) collection system to ALCOSAN POC O-33 to the Ohio River interceptor and then to the ALCOSAN Treatment Plant at Woods Run.
Sewer's Owner:	PWSA (collection) and ALCOSAN (interceptor)
Name of Sewage Treatment Plant:	ALCOSAN

Please be advised that a permit must be obtained from the Allegheny County Health Department's (ACHD) Plumbing Section prior to commencing any plumbing work for the proposed project. Plumbing work for which an ACHD Plumbing Permit must be obtained includes any plumbing work done on the site and any sewers, which will not be owned and operated by a municipality or a sewer authority.



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

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



Mr. Thomas J. Swisher, RLA
September 18, 2020
Page 2

In addition, it should be noted that the approval of this sewage facilities planning module does not include approval of pipe size and/or type. Approval for pipe size and/or type must be obtained by filing a specific plumbing plan with the ACHD's Plumbing Section. If you should have any questions relative to ACHD's plumbing requirements, you can contact Ivo Miller, Plumbing Program Manager at 412-578-8393.

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

Sincerely,



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

FF/cb
Enclosure

cc: Thomas Flanagan, PA Department of Environmental Protection w/attachment (electronically)
Ivo Miller, ACHD w/attachment (electronically)

**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

Cal-Bride Place - Kirkbride Street

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

1. Date plan received by county or joint county health department September 16, 2020

Agency name Allegheny County Health Department (ACHD)

2. Date review completed by agency September 18, 2020

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

Yes No

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 If no, what are the inconsistencies? _____

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Signature: 

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Address: 3901 Penn Avenue, Building #5, Pittsburgh, PA 15224-1318

Telephone Number: 412-578-8046

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

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