

PLANNING MODULE

FOR

442 52nd STREET

Situate in

10th Ward, City of Pittsburgh
Allegheny County, Pennsylvania

Prepared by

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

#20-171030

Revised June 21, 2023



RESOLUTION AND
PLANNING MODULE APPLICATION

DEP Code No.

RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (COMMISSIONERS) (COUNCILMEN) of 10th Ward, City of Pittsburgh
(TOWNSHIP) (BOROUGH) (CITY), Allegheny COUNTY, PENNSYLVANIA (hereinafter "the municipality").

WHEREAS Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the *Pennsylvania Sewage Facilities Act*, as Amended, and the rules and Regulations of the Pennsylvania Department of Environmental Protection (DEP) adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, require the municipality to adopt an Official Sewage Facilities Plan providing for sewage services adequate to prevent contamination of waters of the Commonwealth and/or environmental health hazards from sewage wastes, and to revise said plan whenever it is necessary to determine whether a proposed method of sewage disposal for a new land development conforms to a comprehensive program of pollution control and water quality management, and

WHEREAS PHC Construction has proposed the development of a parcel of land identified as
land developer

442 52nd Street, and described in the attached Sewage Facilities Planning Module, and
name of subdivision

proposes that such subdivision be served by: (check all that apply), sewer tap-ins, sewer extension, new treatment facility, individual onlot systems, community onlot systems, spray irrigation, retaining tanks, other, (please specify). _____

WHEREAS, _____ finds that the subdivision described in the attached
municipality

Sewage Facilities Planning Module conforms to applicable sewage related zoning and other sewage related municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

NOW, THEREFORE, BE IT RESOLVED that the (Supervisors) (Commissioners) (Councilmen) of the (Township) (Borough) (City) of Pittsburgh hereby adopt and submit to DEP for its approval as a revision to the "Official Sewage Facilities Plan" of the municipality the above referenced Sewage Facilities Planning Module which is attached hereto.

I _____, Secretary, _____
(Signature)

Township Board of Supervisors (Borough Council) (City Councilmen), hereby certify that the foregoing is a true copy of the Township (Borough) (City) Resolution # _____, adopted, _____, 20_____.

Municipal Address:

PWSA-Penn-Liberty Plaza I

Pittsburgh, PA 48555

Telephone 412-255-2423

Seal of
Governing Body



Water and Sewer Use Application Form

Instructions The complete W/S Use Application shall be uploaded via e-builder. To obtain an e-builder project folder, please make a request on our website at www.pgh2o.com/permits. In addition, please refer to the Developer’s Manual for detailed information on application requirements.

Requirements Application Fee W/S Use Application Site Plans
 Floor Plans Narrative Flow Calculations

Project Info Project Name: 442 52nd Street
Address: 442 52nd Street, Pittsburgh, PA 15201
Is the Project located on a lot created prior to May 15, 1972? YES NO
Has the lot previously received DEP sewage planning approval? YES NO

Owner/Developer Firm Name: Joshua Butchkoski
Address: 414 52nd Street, Pittsburgh, PA 15201
Contact Name: PHC Construction
Email: _____
Phone Number: 814-590-2772

Consultant Firm Name: J. R. Gales & Associates, Inc.
Address: 2704 Brownsville Road, Pittsburgh, PA 15227
Contact Name: Kimberly Gales-Dunn, P.E., P.L.S.
Email: kagales.gales.engineers@comcast.net
Phone Number: 412-885-8885

Flow Data

Type of Flow	Sanitary, gpd	Water, gpd
Project Flow	400	400
Existing Flow	0	0
Net Flow	400	400

Signature By signing below, I hereby certify, to the best of my knowledge, that the information provided within the Water and Sewer Use Application is true, complete and accurate.
Name, printed: _____
Signature: _____
Date: _____

NARRATIVE
AND
CALCULATIONS

Project Narrative

The 442 52ND Street project consists of converting one (1) lot with a single-family residential dwelling into two (2) lots with two (2) single-family residential dwellings at 414 52nd Street in the 10th ward, City of Pittsburgh. The acreage of the site is 1,800 square feet, 1,800 square feet of which will be impacted.

The project is located on the Pittsburgh East quadrangle, in the 10th Ward, city of Pittsburgh in Allegheny County.

The building will connect to an existing sanitary sewer in Natrona Way, then drain to the Allegheny River interceptor and will be treated at the Woods Run Wastewater Treatment Plan (WWTP). The ALCOSAN Interceptor Point of Connection (POC) is MH080H027-JCT080D019.

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

The Water Usage Breakdown is as follows:

Existing Sanitary Flows:

One existing family dwelling *Total Existing Flow = 400 gpd*

Proposed Sanitary Flows:

One proposed family dwelling = 1 x 400 gpd = 400 gpd

Total Proposed Flow = 400 gpd

Increase in sanitary flows: 400 gpd = 1 edu

Conclusion

The proposed sanitary flow increase of 400 is less than the 799 gpd allowable increase, however, a new lot is created, therefore, a planning module is required.

Storm Flows

Proposed Impervious Area:

Proposed building, concrete = 1,316 s.f.

Increase in impervious area: 1,316 s.f.

Conclusion

Stormwater management is not required because the 1,316 s.f. increase in impervious area is less than the allowable 5,000 s.f. of impervious area.

**TRANSMITTAL LETTER
 FOR SEWAGE FACILITIES PLANNING MODULE**

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

TO: Approving Agency (DEP or delegated local agency)
Pittsburgh Water and Sewer Authority
Penn Liberty Plaza I. 1200 Pen Avenue
Pittsburgh, PA 15222

Date September 2022

Dear Sir/Madam:

Attached please find a completed sewage facilities planning module prepared by Kimberly Gales-Dunn (Name)
Professional Engineer/Land Surveyor for 442 52nd Street (Name)
 (Title) a subdivision, commercial ,or industrial facility located in 10th Ward, City of Pittsburgh
Allegheny County.
 (City, Borough, Township)

Check one

- (i) The planning module, as prepared and submitted by the applicant, is approved by the municipality as a proposed revision supplement for new land development to its Official Sewage Facilities Plan (Official Plan), and is adopted for submission to DEP transmitted to the delegated LA for approval in accordance with the requirements of 25 Pa. Code Chapter 71 and the *Pennsylvania Sewage Facilities Act* (35 P.S. §750),

OR

- (ii) The planning module will not be approved by the municipality as a proposed revision or supplement for new land development to its Official Plan because the project described therein is unacceptable for the reason(s) checked below:

Check Boxes

- Additional studies are being performed by or on behalf of this municipality which may have an effect on the planning module as prepared and submitted by the applicant. Attached hereto is the scope of services to be performed and the time schedule for completion of said studies.
- The planning module as submitted by the applicant fails to meet limitations imposed by other laws or ordinances, officially adopted comprehensive plans and/or environmental plans (e.g., zoning, land use, 25 Pa. Code Chapter 71). Specific reference or applicable segments of such laws or plans are attached hereto.
- Other (attach additional sheet giving specifics).

Municipal Secretary: Indicate below by checking appropriate boxes which components are being transmitted to the approving agency.

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

Municipal Secretary (print)

Signature

Date



SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

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

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

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

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

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

A. PROJECT INFORMATION (See Section A of instructions)

1. Project Name 442 52nd Street

2. Brief Project Description The plan consists of converting one lot with a single, multi-residential building into (2) lots with two (2) single-family residential dwellings.

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

Municipality Name	County	City	Boro	Twp
10 th Ward, City of Pittsburgh	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Prendergast	Kyla			AICP
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
City of Pittsburgh, Department of Planning	200 Ross Street, 4 th . Floor			
Address Last Line -- City	State	ZIP+4		
Pittsburgh	PA	15219		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
	412-255-2241			

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

442 52nd Street

Site Location Line 1

442 52nd Street

Site Location Line 2

Site Location Last Line -- City

Pittsburgh

State

PA

ZIP+4

15201-2584

Latitude

40°28'45.8"

Longitude

-79°57'11.5"

Detailed Written Directions to Site Take PA - 28N to exit 3A on the left for the 40th. Street Bridge, continue on the 40th. Street Bridge, turn left onto Foster Street, right onto 44th. Street, turn left onto Butler Street, turn right onto 52nd. Street, 442 52nd. Street will be on the right

Description of Site Existing single, multi-residential building and vacant lot

Site Contact (Developer/Owner)

Last Name

Stookey

First Name

Matt

MI

Suffix

Phone

814-590-2772

Ext.

Site Contact Title

Owner/Developer

Site Contact Firm (if none, leave blank)

PHC Construction

FAX

Email

matt@pennhouseco.com

Mailing Address Line 1

444 52nd Street

Mailing Address Line 2

Mailing Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

152012584

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

Last Name

Gales-Dunn

First Name

Kimberly

MI

Suffix

A

Title

Professional Engineer/Surveyor

Consulting Firm Name

J.R. Gales & Associates, Inc.

Mailing Address Line 1

2704 Brownsville Road

Mailing Address Line 2

Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

15227

Country

USA

Email

jrgales.engineers@comcast.net

Area Code + Phone

412-885-8885

Ext.

Area Code + FAX

412-885-1320

E. AVAILABILITY OF DRINKING WATER SUPPLY

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

Individual wells or cisterns.

A proposed public water supply.

An existing public water supply.

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

Name of water company: PWSA

F. PROJECT NARRATIVE (See Section F of instructions)

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

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

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

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

1. COLLECTION SYSTEM

a. Check appropriate box concerning collection system

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

Clean Streams Law Permit Number _____

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 1

Connections 1

Name of:

existing collection or conveyance system Natrona Way

owner PWSA

existing interceptor Allegheny River

owner PWSA

2. WASTEWATER TREATMENT FACILITY

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter(s) 91 (relating to general provisions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring and compliance) and 93 (relating to water quality standards).

a. Check appropriate box and provide requested information concerning the treatment facility

- New facility Existing facility Upgrade of existing facility Expansion of existing facility

Name of existing facility ALCOSAN Woods Run WWTP

NPDES Permit Number for existing facility 25984

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude 40d28'34" Longitude 80d02'44"

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

As an authorized representative of the permittee, I confirm that the ALCOSAN Woods Run WWTP (Name from above) sewage treatment facilities can accept sewage flows from this project without adversely affecting the facility's ability to achieve all applicable technology and water quality based effluent limits (see Section I) and conditions contained in the NPDES permit identified above.

Name of Permittee Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Michael D. Lichte, P.E.

Agent Signature _____ Date _____

(Also see Section I. 4.)

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (Continued)

3. PLOT PLAN

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

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

4. WETLAND PROTECTION

YES NO

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

5. PRIME AGRICULTURAL LAND PROTECTION

YES NO

- Will the project involve the disturbance of prime agricultural lands?
If yes, coordinate with local officials to resolve any conflicts with the local prime agricultural land protection program. The project must be consistent with such municipal programs before the sewage facilities planning module package may be submitted to DEP.
If no, prime agricultural land protection is not a factor to this project.
- Have prime agricultural land protection issues been settled?

6. HISTORIC PRESERVATION ACT

YES NO

- Sufficient documentation is attached to confirm that this project is consistent with DEP Technical Guidance 012-0700-001 *Implementation of the PA State History Code* (available online at the DEP website at www.dep.state.pa.us, select "subject" then select "technical guidance"). As a minimum this includes copies of the completed Cultural Resources Notice

(CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES

Check one:

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

Applicant or Consultant Initials KAG

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

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

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

1. Waters designated for Special Protection

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

2. Pennsylvania Waters Designated As Impaired

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

3. Interstate and International Waters

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

4. Tributaries To The Chesapeake Bay

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

Name of Permittee Agency, Authority, Municipality _____

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

See *Special Instructions* (Form 3800-FM-BPNPSM0353-1) for additional information on Chesapeake Bay watershed requirements.

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

Projects that propose the use of existing municipal collection, conveyance or wastewater treatment facilities, or the construction of collection and conveyance facilities to be served by existing municipal wastewater treatment facilities must be consistent with the requirements of Title 25, Chapter 94 (relating to Municipal Wasteload Management). If not previously included in Section F, include a general map showing the path of the sewage to the treatment facility. If more than one municipality or authority will be affected by the project, please obtain the information required in this section for each. Additional sheets may be attached for this purpose.

1. Project Flows 400 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	9326263	32641919	816713	2858496	857669	3001841
Conveyance						
Treatment						

3. Collection and Conveyance Facilities

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

YES NO

- a. YES NO This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system?

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

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

- b. Collection System

Name of Agency, Authority, Municipality PWSA

Name of Responsible Agent Robert Herring

Agent Signature - Robert Herring Date 9/12/2023

Robert Herring
2023-09-12
08:52:39 -04'00'

SECTION J-CHAPTER 94 CONSISTENCY DETERMINATION FOOTNOTES

PWSA COLLECTION-442 52 STREET

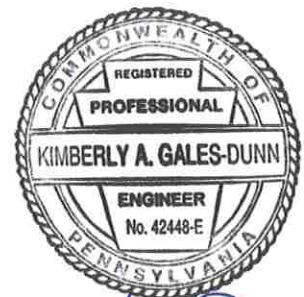
PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
PLANNING MODULE

- (1) Design/Permitted collection system average design capacity computed using static Manning’s analysis based on existing 24” vitrified clay pipe sewer, with a slope of 6.60 %, Manning’s n value of 0.015 and full flow depth, divided by a peaking factor of 3.5 for combination sewers = 9,326,263 gpd
- (2) Design/Permitted collection system peak design capacity computed using static Manning’s analysis based on existing 24” vitrified clay pipe sewer, with a slope 6.60%, Manning’s n-value of 0.015 and full flow depth = 32,641,919 gpd
- (3) Present collection system peak flow computed using static Manning’s analysis based on existing 24” vitrified clay pipe sewer, with slope of 6.60%, Manning’s n-value of 0.015 and measured flow depth of 0.40 feet at 7:30 AM on August 25, 2023= 2,858,496 gpd
- (4) Present collection system average flow computed using the present peak flows computed in footnote 3, divided by a peaking factor of 3.5 for combination sewers = 816,713 gpd
- (5) Projected collection system average flow computed using the present average flows computed in Footnote 3 plus project flows of 400 gpd, multiplied by a 5% growth factor = 857,669 gpd
- (6) Projected collection system peak flow computed using the present average flows computed in Footnote 3 plus project flows of 400 gpd, multiplied by a 5% growth factor = 3,001,841 gpd

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

The monitoring manhole was MH080D002. The following flow depths were measured on August 25, 2023, at the given times.

Time	Flow Depth (Feet)
6:30 AM	0.30
6:45 AM	0.30
7:00 AM	0.30
7:15 AM	0.35
7:30 AM	0.40



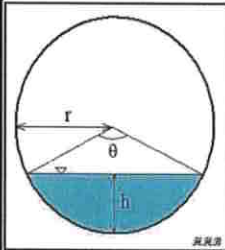
Kimberly Gales-Dunn

Sewage Facilities Planning Module
Chapter 94 Consistency Determination
Hydraulic Calculations Spreadsheet for Peak Flow Depth Measurements

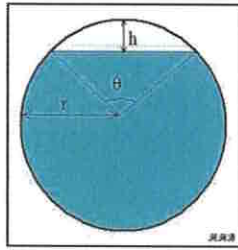
PROJECT NAME: 442 52nd St
PWSA PROJECT NUMBER: DEV-269-0523
PWSA REVIEWER: Midori Bridges
DATE: August 31, 2023

LEGEND: Input Data Output Data

Section A: Manning Equation for Partially Filled Pipes



Partially Full Pipe Flow Parameters
(Less Than Half Full)



Partially Full Pipe Flow Parameters
(More Than Half Full)

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

$$Q = \left(\frac{1.49}{n}\right) \times A \times R^{2/3} \times S^{1/2} \qquad R = \frac{A}{P} \qquad \theta = 2 \times \cos^{-1} \left(\frac{r-h}{r}\right)$$

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

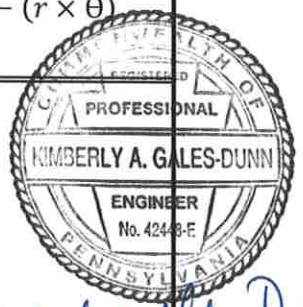
$$P_{<50\% \text{ Full}} = r \times \theta \qquad P_{>50\% \text{ Full}} = (2 \times \pi \times r) - (r \times \theta)$$

Section B: Data for Calculations

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

Proposed Project Flows		
Variable	Value	Units
Q _p	400	gpd

Variable	Value	Units
Material	VCP	
n	0.015	unitless
S	0.066	ft/ft
h	0.400	ft
D	2.00	ft
P.F.	3.5	unitless



Kimberly A. Gales-Dunn

Section C: Calculations for Design and/or Permitted Capacities

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

Design Capacity, Average

Design Capacity, Peak

Variable	Value	Unit
Q _{d, avg}	9,326,263	gpd

Variable	Value	Unit
D	2.000	ft
r	1.000	ft
A	3.142	ft ²
P	6.283	ft
R	0.500	ft
Q _{d, peak}	51	cfs
Q _{d, peak}	32,641,919	gpd

Section D: Calculations for Present Flows

Variable	Description	Definition
Q _{ex, avg}	Present Flows, Average	= Q _{ex, peak} / P.F.
Q _{ex, peak}	Present Flows, Peak	existing flow conditions per site investigations

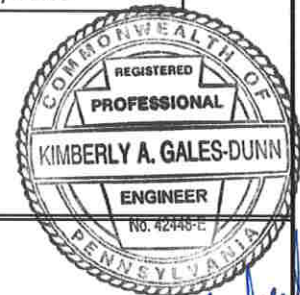
Present Flows, Average		
Variable	Value	Unit
Q _{ex, avg}	816,713	gpd

Present Flows, Peak		
Variable	Value	Unit
D	2.000	ft
r	1.000	ft
θ	1.85	rad
h/D	0.2	ft/ft
A	0.45	ft ²
P	1.85	ft
R	0.241	ft
Q _{ex, peak}	4	cfs
Q _{ex, peak}	2,858,496	gpd

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

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

Projected Flow Calculations		
Variable	Value	Unit
Q _{proj, avg}	857,669	gpd
Q _{proj, peak}	3,001,841	gpd



Section F: Compare Results with Applicant's Submission

Variable	PWSA, gpd	Applicant, gpd	Difference, gpd	Difference, %
Q _{d, avg}	9,326,263	9,326,263	0	0%
Q _{d, peak}	32,641,919	32,641,919	0	0%
Q _{ex, avg}	816,713	816,713	0	0%
Q _{ex, peak}	2,858,496	2,858,496	0	0%
Q _{proj, avg}	857,669	857,669	0	0%
Q _{proj, peak}	3,001,841	3,001,841	0	0%

Handwritten signature: Kimberly A. Gales-Dunn

Most Limited Capacity Sewer (MLCS) Spreadsheet

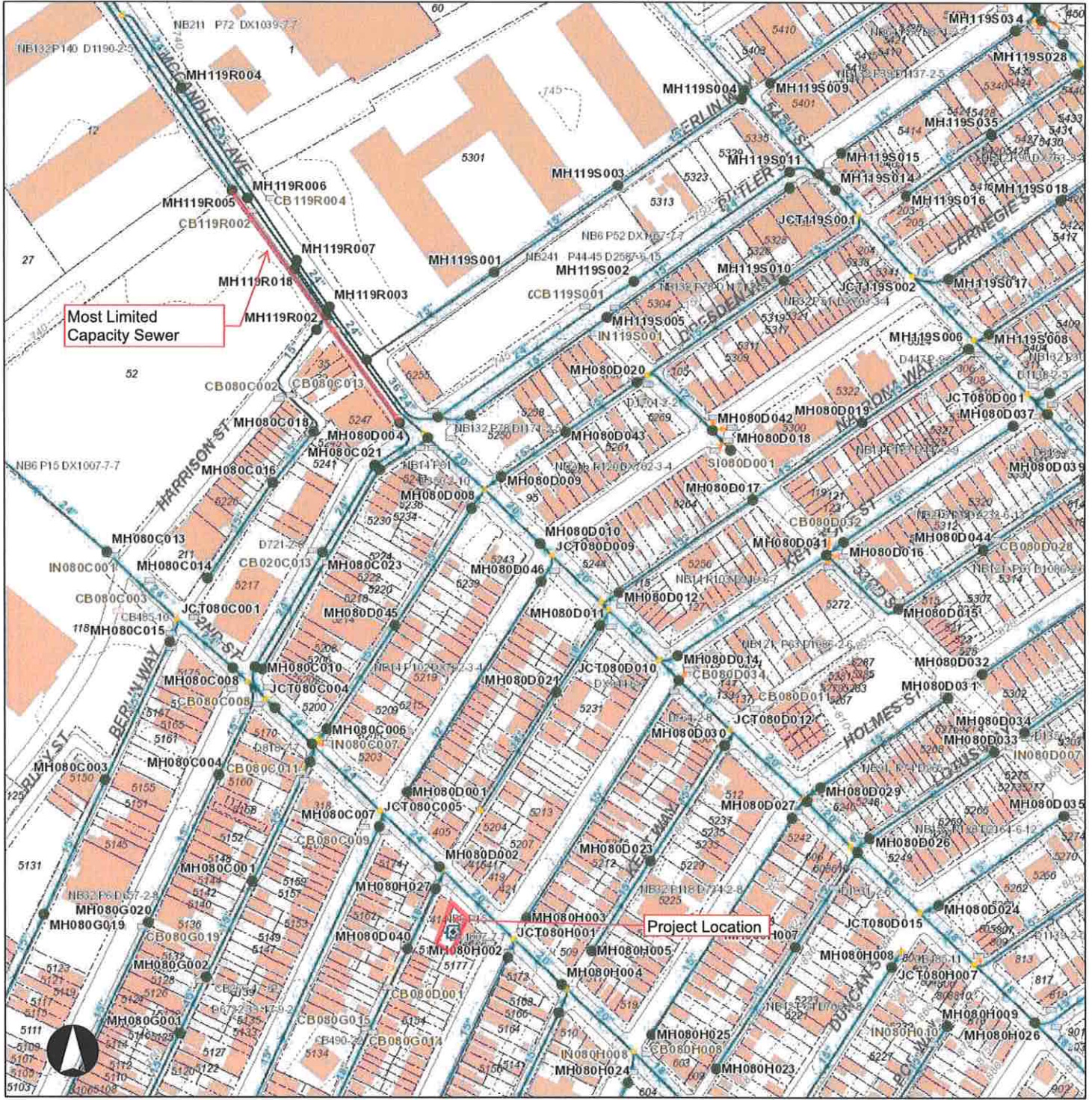
PROJECT NAME:	442 52nd St
PWSA PROJECT NUMBER:	DEV-269-0523
PWSA REVIEWER:	Midori Bridges
DATE:	June 13, 2023

LEGEND:	Output Data
	Input Data
	Questionable Data
	Hydraulically Limited Sewer

Flow Path 1

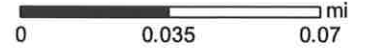
Upstream MH	Downstream MH	Upstream Invert	Downstream Invert	Length, ft	Diam., in.	Material	n	Area, sf	Wetted P, ft	Slope	Flow, gpd
JCT080H001	MH080D002	769.75	756.38	170.60	24	VCP	0.015	3.14	6.283	7.84%	35,576,326
MH080D002	JCT080C005	756.38	746.57	135.60	24	VCP	0.015	3.14	6.283	7.23%	34,166,278
JCT080C005	MH080C005	746.57	742.40	158.04	24	VCP	0.015	3.14	6.283	2.64%	20,638,980
MH080C005	MH080C022	742.40	739.11	85.20	24	VCP	0.015	3.14	6.283	3.86%	24,967,892
MH080C022	JCT080C004	739.11	737.05	20.89	24	VCP	0.015	3.14	6.283	9.85%	39,870,497
JCT080C004	MH080C009	737.05	736.24	61.05	24	VCP	0.015	3.14	6.283	1.33%	14,662,677
MH080C009	MH080C023	736.24	734.11	220.50	24	VCP	0.015	3.14	6.283	0.97%	12,487,895
MH080C023	MH080C021	734.11	732.48	168.68	24	VCP	0.015	3.14	6.283	0.97%	12,490,095
MH080C021	MH080D004	732.48	731.40	103.26	24	VCP	0.015	3.14	6.283	1.05%	12,994,200
MH080D004	MH119R005	731.40	726.86	474.00	24	VCP	0.015	3.14	6.283	0.96%	12,434,905
MH119R005	MH119R015	726.86	717.92	490.62	24	VCP	0.015	3.14	6.283	1.82%	17,151,411
MH119R015	MH119R014	717.92	712.81	16.85	24	VCP	0.015	3.14	6.283	30.33%	69,970,377
MH119R014	ADC119RA32B.1	712.81	711.70	14.19	24	VCP	0.015	3.14	6.283	7.82%	35,536,448

442 52nd St MLCS GIS



Legend

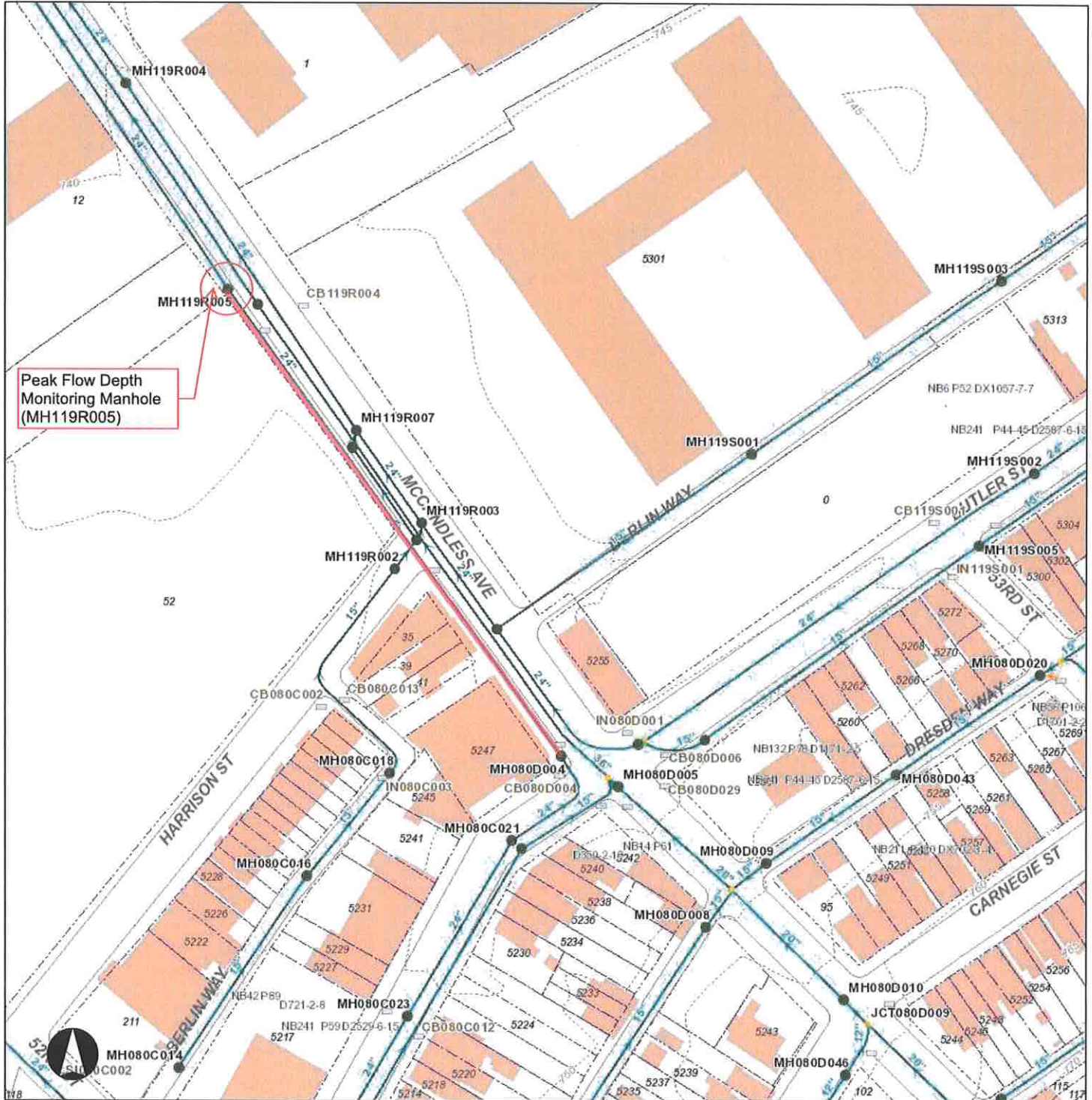
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Neither the City of Pittsburgh nor the PWSA guarantees the accuracy of any of the information hereby made available, including but not limited to information concerning the location and condition of underground structures, and neither assumes any responsibility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

Date: 6/13/2023

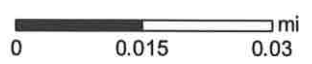
MLCS



Peak Flow Depth Monitoring Manhole (MH119R005)

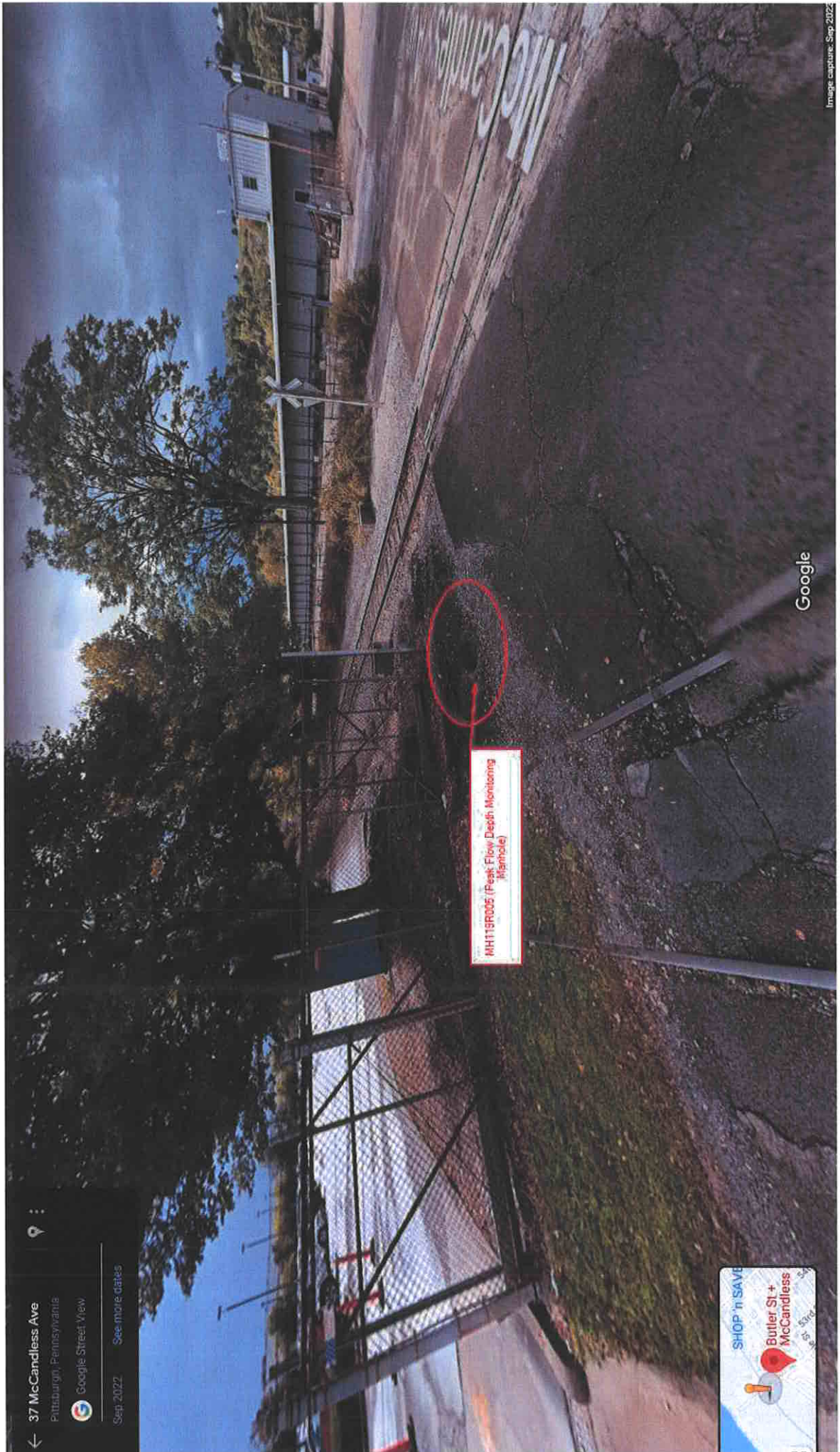
Legend

- | | | |
|-------------------------|-----------------------------|---|
| WATER | Pressure Monitoring Station | Private Inlet |
| Meter | Water Manhole | Outfall |
| Curb Box | Rising Main | End Cap |
| Water System Pump | Supply Main | Sewer Pump Station |
| Hydrant | Transmission Main | Combined Sewer |
| System Valve | Distribution Main | Sanitary Sewer |
| Dividing Pressure Valve | Hydrant Branch | Storm Sewer |
| Coupling | Private Main | Regulated Combined Sewer |
| Tee | Water Service Line | Overflow Sewer |
| Cross | SEWER | Interceptor |
| Reducer | Manhole | Sewer Force Main |
| End Cap | Junction | Private Sewer |
| Wash Out | Inlet | Undefined Sewer |
| | | Green Infrastructure Underground Facilities |



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

Date: 6/13/2023



← 37 McCandless Ave
Pittsburgh, Pennsylvania
Google Street View

See more dates
Sep 2022



Google

Image capture: Sep 2022

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

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Michael D. Lichte, P.E.

Agent Signature _____

Date _____

4. Treatment Facility

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

YES NO

- a. This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved CAP granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the planning module.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not impact that status.

b. Name of Agency, Authority, Municipality _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

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

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

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

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

L. PERMEABILITY TESTING (See Section L of instructions)

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

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

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

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

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

O. SEWAGE MANAGEMENT (See Section O of instructions)

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

Yes No

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

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

2. Project Flows _____ gpd

Yes No

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

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

(For completion by non-municipal facility agent)

4. Collection and Conveyance Facilities

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

Yes No

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

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

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

- b. Collection System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

- c. Conveyance System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

5. Treatment Facility

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

Yes No

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

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

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

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

(For completion by the municipality)

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

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

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

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

Yes No

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

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

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

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

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

Kimberly Gales-Dunn

Name (Print)

Kimberly Gales-Dunn

Signature

Professional Engineer/Surveyor

Title

June 21, 2023

Date

2704 Brownsville Road, Pittsburgh, PA 15227

Address

4128858885

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 \$50 payable to "Commonwealth of PA, DEP". Include DEP code number on check. I understand DEP will not begin review of my project unless it receives the fee and determines the fee is correct. If the fee is incorrect, DEP will return my check or money order, send me an invoice for the correct amount. I understand DEP review will NOT begin until I have submitted the correct fee.
- I request to be exempt from the DEP planning module review fee because this planning module creates **only** one new lot and is the **only** lot subdivided from a parcel of land as that land existed on December 14, 1995. I realize that subdivision of a second lot from this parcel of land shall disqualify me from this review fee exemption. I am furnishing the following deed reference information in support of my fee exemption.

County Recorder of Deeds for _____ County, Pennsylvania

Deed Volume _____ Book Number _____

Page Number _____ Date Recorded _____

R. REVIEW FEE (continued)

Formula:

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

$$\#1 \text{ _____ Lots (or EDUs) X } \$50.00 = \$ \underline{50 \text{ _____}}$$

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

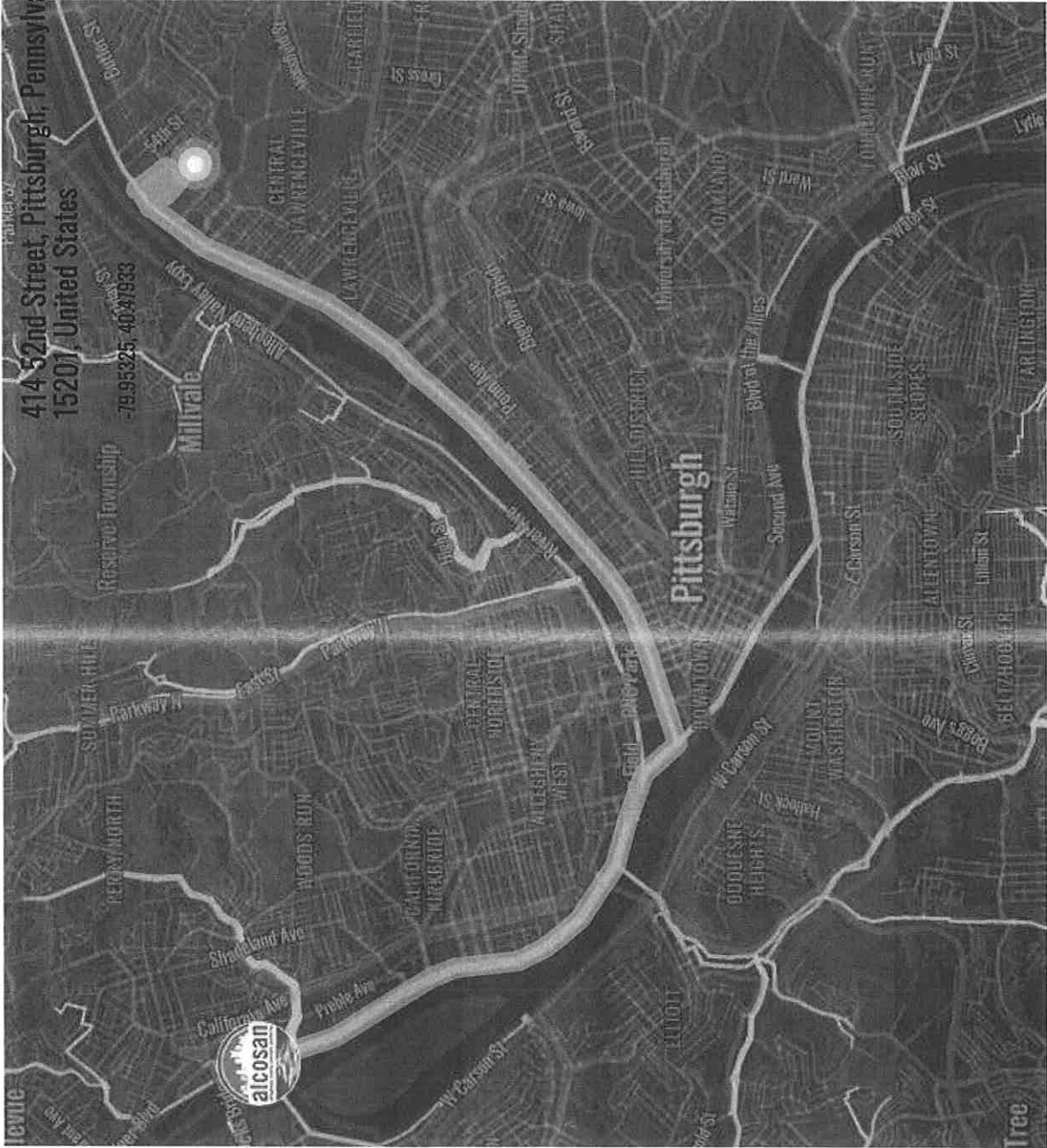
- C. A sub-surface discharge system that requires a permit under The Clean Streams Law will use a flat fee:

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

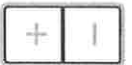
x

414 52nd Street, Pittsburgh, Pennsylvania
15207, United States

-79.95325, 40.47933



Legend



Results!

Start Over ↻



Consulting Engineers & Land Surveyors

January 26, 2023
#20-171030

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

ATTN: Ms. Kyla Prendergast
Senior Environmental Planner

RE: 442 52nd Street
City of Pittsburgh – 10th Ward
Allegheny County

Dear Ms. Prendergast:

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

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

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

Very Truly Yours,

J. R. GALES & ASSOCIATES, INC.

A handwritten signature in blue ink that reads "Kim Gales-Dunn".

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

Enclosures



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

DEP Code #: 02001-21-11

**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
442 52nd Street

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

1. Date plan received by municipal planning agency 9/15/2023
2. Date review completed by agency 10/4/2023

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>Kyla Prendergast</u> Title: <u>Senior Environmental Planner</u> Signature: <u><i>Kyla Prendergast</i></u> Date: <u>10/4/2023</u> Name of Municipal Planning Agency: <u>Department of City Planning</u> Address <u>100 Ross St, Suite 201, 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.



Consulting Engineers & Land Surveyors

September 15, 2022
#20-171030

Allegheny County Health Department
3441 Forbes Avenue
Pittsburgh, PA 15213

ATTN: Mr. Fred Fields
Environmental Health Engineer

RE: 442 52nd Street
City of Pittsburgh – 10th Ward
Allegheny County, PA

Dear Mr. Fields:

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

A complete copy of the Planning Module is enclosed for your files. If you should have any questions, or require additional information, please do not hesitate to contact our office.

Very Truly Yours,
J. R. GALES & ASSOCIATES, INC.

A handwritten signature in blue ink that reads "J. Robert Gales". The signature is fluid and cursive.

J. Robert Gales, P.E., P.L.S.

Enclosures

DEP Code #:

**SEWAGE FACILITIES PLANNING MODULE
 COMPONENT 4C - COUNTY OR JOINT HEALTH DEPARTMENT REVIEW**

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

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

Project Name
 442 52nd Street

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

- Date plan received by county or joint county health department _____
 Agency name _____
- Date review completed by agency _____

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

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

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

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

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

PNDI
SEARCH

1. PROJECT INFORMATION

Project Name: **442 52nd Street**

Date of Review: **9/15/2022 09:51:47 AM**

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

Project Area: **0.04 acres**

County(s): **Allegheny**

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

ZIP Code:

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

Watersheds HUC 8: **Lower Allegheny**

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

Decimal Degrees: **40.479347, -79.953214**

Degrees Minutes Seconds: **40° 28' 45.6490" N, 79° 57' 11.5712" W**



2. SEARCH RESULTS

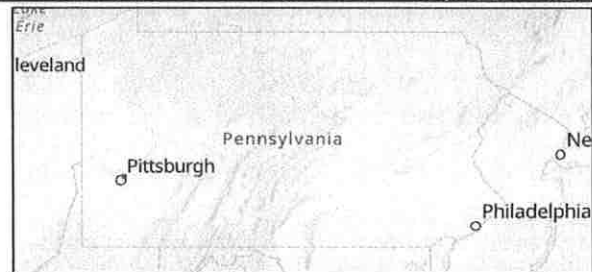
Agency	Results	Response
PA Game Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

442 52nd Street

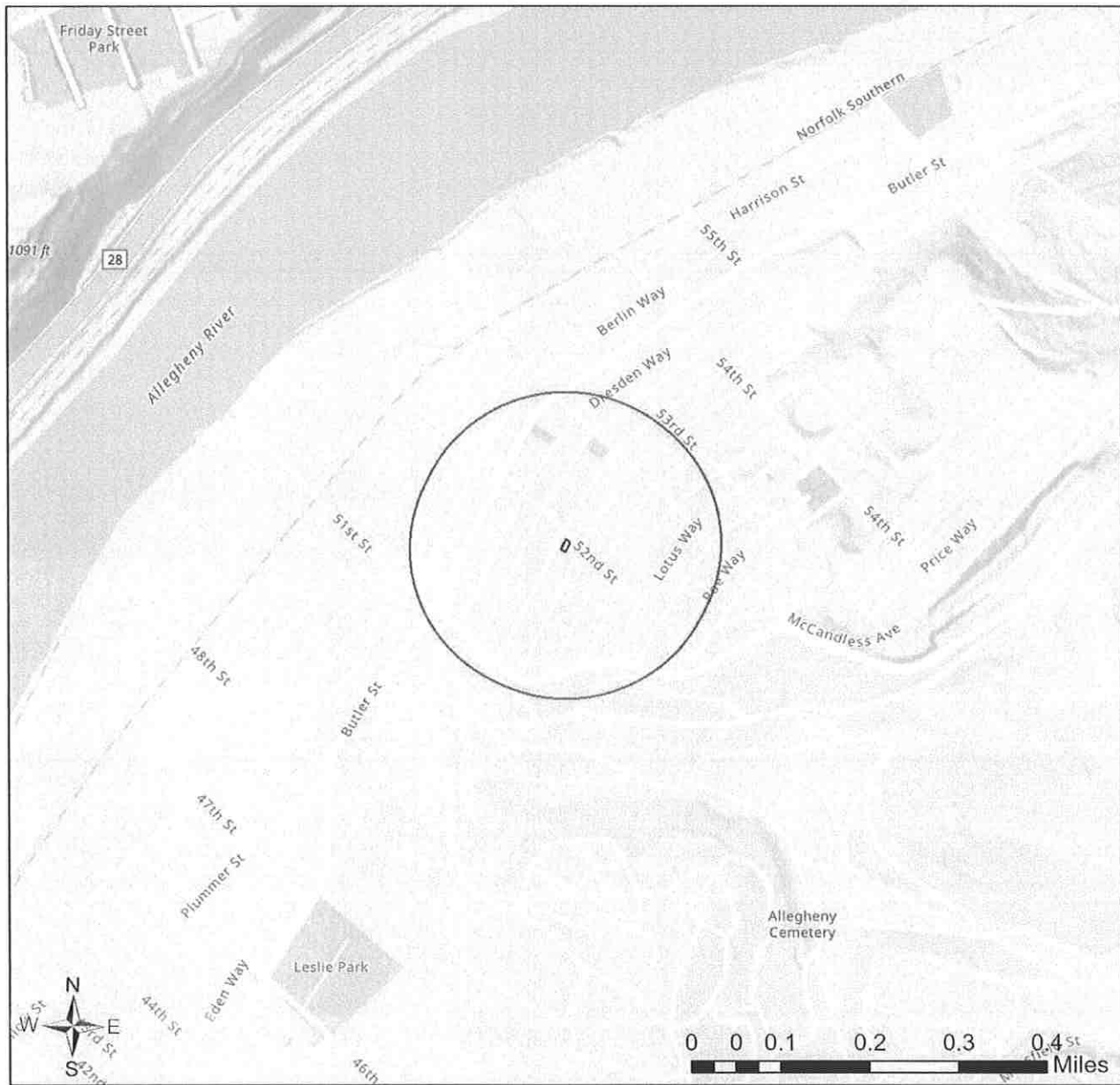




-  Buffered Project Boundary
-  Project Boundary

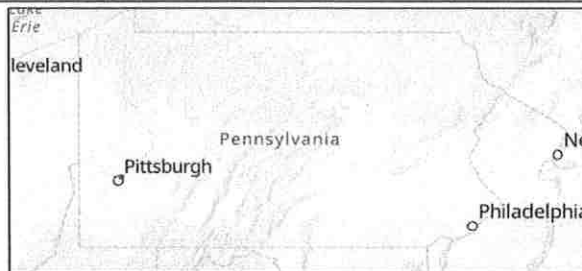


Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodataslyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

442 52nd Street



-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastystrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

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:

Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).

PGC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Ardea herodias	Great Blue Heron	Special Concern Species*

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.

* Special Concern Species or Resource - Plant or animal species classified as rare, tentatively undetermined or candidate as well as other taxa of conservation concern, significant natural communities, special concern populations (plants or animals) and unique geologic features.

** Sensitive Species - Species identified by the jurisdictional agency as collectible, having economic value, or being susceptible to decline as a result of visitation.

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email the following information to the agency(s) (see AGENCY CONTACT INFORMATION). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies (but not USFWS).

*If information was requested by USFWS, applicants must email, or mail, project information to IR1_ESPenn@fws.gov to initiate a review. USFWS will not accept uploaded project materials.

Check-list of Minimum Materials to be submitted:

___ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

___ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

___ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

___ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

___ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

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 Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Kimberly Gales-Dunn
Company/Business Name: J.R. Gales & Associates, Inc.
Address: 2704 Brownsville Road
City, State, Zip: Pittsburgh, PA 15227
Phone: (412) 885-8885 Fax: (412) 885-1320
Email: kagales.gales.engineers@comcast.net

8. CERTIFICATION

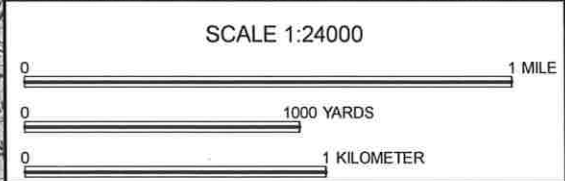
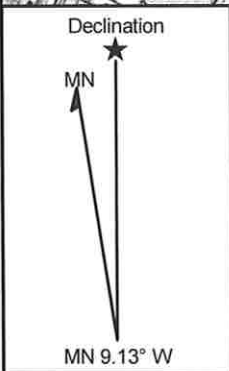
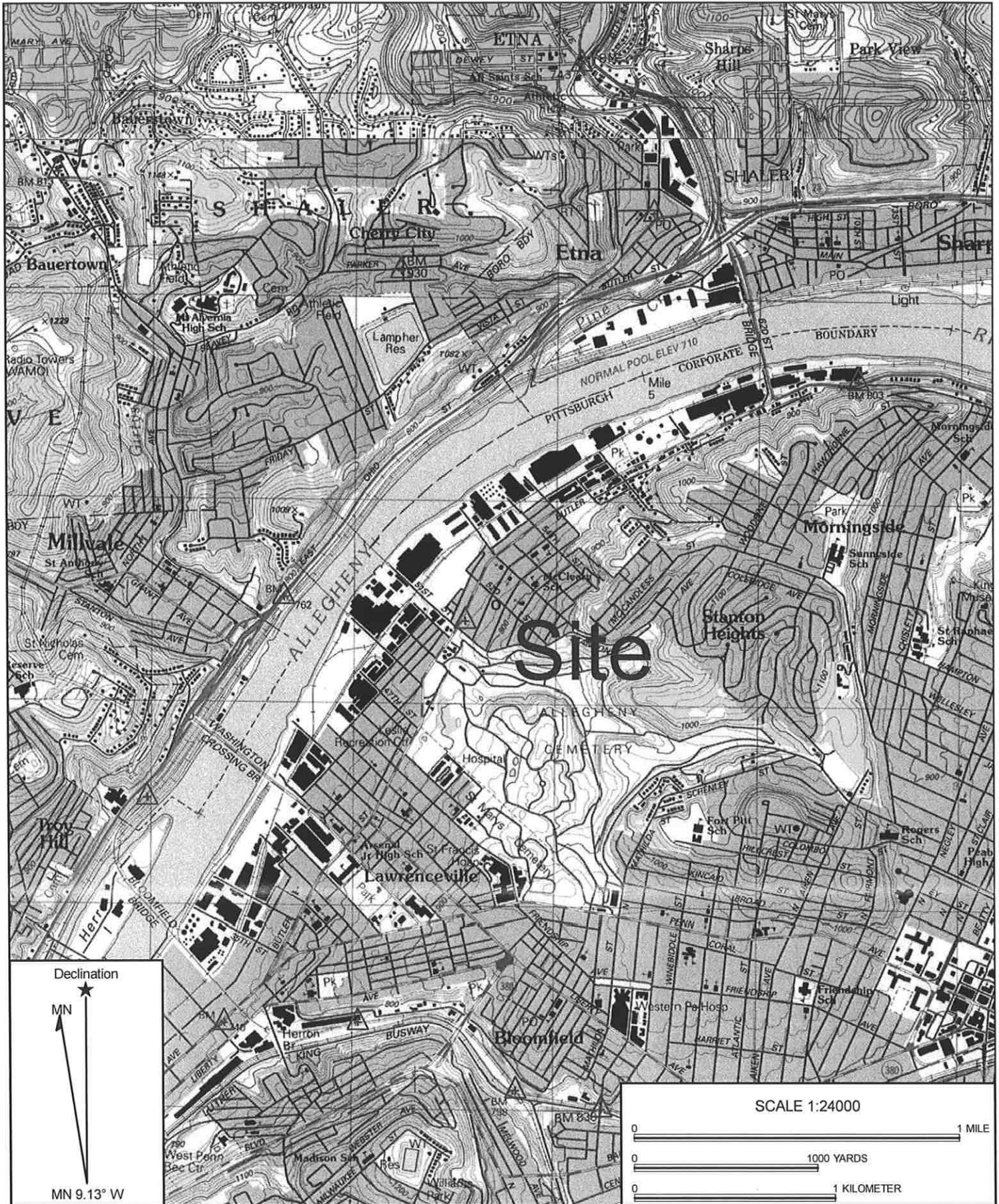
I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.



applicant/project proponent signature

1-23-23

date



Name: PITTSBURGH EAST
 Date: 08/30/22
 Scale: 1 inch = 2,000 ft.

Location: 040° 28' 45.48" N 079° 57' 12.49" W

**PENNSYLVANIA GAME COMMISSION**

2001 Elmerton Avenue
Harrisburg, PA 17110-9797

Wildlife Management
(717) 787-5529

September 15, 2022

Steve Lehrman
J. R. Gales
2704 Brownsville Road
Pittsburgh, Pennsylvania 15227
slehrmanjr.gales.engineers@comcast.net

PNDI Receipt File: *project_receipt_442_52nd_street_769100_FINAL_1.pdf*
Re: 442 52nd Street development project
City of Pittsburgh; Allegheny County, Pennsylvania

Dear Steve Lehrman,

Thank you for submitting Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Receipt *project_receipt_442_52nd_street_769100_FINAL_1.pdf*. The Pennsylvania Game Commission (PGC) screened this project for potential impacts to species and resources of concern under PGC responsibility, which includes birds and mammals only.

No Impact Anticipated

PNDI records indicate species or resources of concern are located within the vicinity of the project. However, based on the information you submitted concerning the nature of the project, the immediate location, and our detailed resource information, the PGC has determined that no impact is likely. Therefore, no further coordination with the PGC will be necessary for this project at this time.

This response represents the most up-to-date summary of the PNDI data files and is valid for two (2) years from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered.

Should the proposed work continue beyond the period covered by this letter, please resubmit the project to this agency as an "Update" (including an updated PNDI receipt, project narrative and accurate map). If the proposed work has not changed and no additional information concerning listed species is found, the project will be cleared for PNDI requirements under this agency for two additional years.

This finding applies to impacts to birds and mammals only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure that the U.S. Fish and Wildlife Service, the PA Department of Conservation and Natural Resources, and/or the PA Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at www.naturalheritage.state.pa.us.

Sincerely,



Sue Guers
Wildlife Biologist / Environmental Review Lead
Bureau of Wildlife Management
Phone: 717-787-4250, Extension 73412
Fax: 717-787-6957
E-mail: suguers@pa.gov

A PNHP Partner



Pennsylvania Natural Heritage Program

SLG/slg

ACT 14 NOTIFICATIONS



Consulting Engineers & Land Surveyors

September 15, 2022
#20-171030

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

RE: 442 52nd Street
City of Pittsburgh – 10th Ward
Allegheny County

Dear County Council:


In accordance with Act 14, “Municipal/County Notifications of application for Water Quality Management and Related Permits”, this is notification that PHC Construction has made application for Planning Modules for the 442 52nd Street development in the City of Pittsburgh-10th Ward, Allegheny County, Pennsylvania

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

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

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

Very Truly Yours,
J.R. GALES & ASSOCIATES, INC.



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

CERTIFIED MAIL



Consulting Engineers & Land Surveyors

January 26, 2023
#20-171030

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

ATTN: Ms. Kyla Prendergast
Senior Environmental Planner

RE: 442 52nd Street
City of Pittsburgh – 10th Ward
Allegheny County

Dear Kyla:


In accordance with Act 14, "Municipal/County Notifications of application for Water Quality Management and Related Permits", this is notification that PHC Construction has made application for Planning Modules for the 442 52nd Street development in the City of Pittsburgh-10th Ward, Allegheny County, Pennsylvania.

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

Very Truly Yours,
J.R. GALES & ASSOCIATES, INC.



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

CERTIFIED MAIL

SERVICE AVAILABILITY REQUEST



Consulting Engineers & Land Surveyors

September 15, 2022
#20-171030

ALCOSAN
3300 Preble Avenue
Pittsburgh, PA 15233

ATTN: Mr. Michael Lichte

RE: 442 52nd Street
City of Pittsburgh – 10th Ward
Allegheny County

Dear Mr. Lichte,

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

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

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

Very Truly Yours,

J.R. GALES & ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read "Kimberly Gales-Dunn".

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

Enclosures

REPORT ON ALTERNATIVE ANALYSIS

September 15, 2022
#20-171030

ALTERNATIVE ANALYSIS

There currently are sanitary sewers available to service this project, which will provide for a connection for the proposed single-family residential buildings. The sewers have adequate capacity for the proposed development. The existing sanitary sewers are located on Natrona Way. There is no alternative way to service this lot.

LOCATION
MAP

I, Joshua Butchkowski, owner of the land shown on the Butchkowski Plan of Lots, do hereby adopt this plan as my plan of lots and irrevocably, exclusively on streets and other property identified for dedication, construction, and easement, in Allegheny County, Pennsylvania, the completion and dedication being for benefit upon my heirs, assigns, and assigns.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 20____.

ATTEST:

Notary Public _____
 Joshua Butchkowski

Before me, the undersigned Notary Public, to-wit: for the Commonwealth of Pennsylvania and County of Allegheny, personally appeared the above named Joshua Butchkowski, and acknowledged the foregoing as his act and deed, and that he is the owner of the land therein described.

Witness my hand and notarial seal the _____ day of _____, 20____.

My Commission expires on _____ day of _____, 20____.

(SEAL)
 Notary Public

I, Joshua Butchkowski, hereby certify that the title to the property contained in the Butchkowski Plan of Lots is in the name of Joshua Butchkowski, and is recorded in Deed Book Volume 16020 page 343. I further certify that there is no mortgage, lien, or other encumbrance against this property.

Witness _____
 Joshua Butchkowski

I, _____, mortgagee of the property contained in the Butchkowski Plan of Lots, consent to the recording of said plan and to the dedications and all other matters appearing on the plan.

Witness _____
 Name, Title, and Mortgage

I, John Robert Gales, a Notary Public in and for the Commonwealth of Pennsylvania, do hereby certify, to the best of my knowledge, information and belief, that this plan correctly represents the lot, lands, streets, alleys and highways as surveyed and platted by me and the owners of said property.

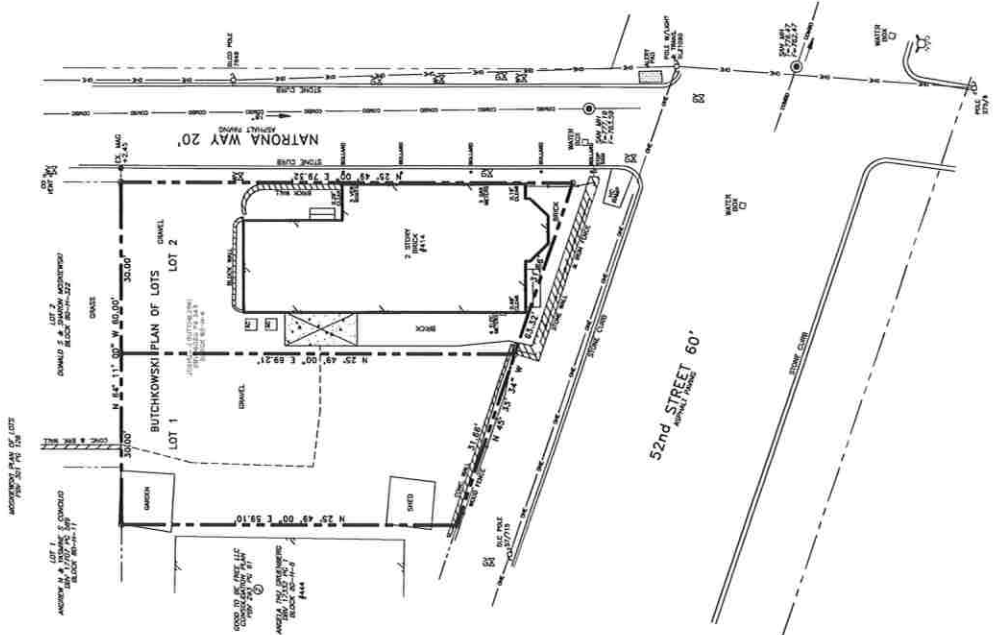
Date _____
 John Robert Gales, P.L.S.
 Registration No. 8203-E

COMMONWEALTH OF PENNSYLVANIA) SS:
 COUNTY OF ALLEGHENY) SS:
 Recorded in the Department of Real Estate of the County of Allegheny, Commonwealth of Pennsylvania, in Plan Book Volume _____ page(s) _____.

Given under my hand and seal this _____ day of _____, 20____.

(SEAL)
 Manager, Department of Real Estate

SURVEYOR
 SURVEYOR EMERGED
 DEPARTMENT OF REAL ESTATE



	AREA SUMMARY	SQ. FT.	ACRES
ORIGINAL BLOCK 80-H LOT 4		4,152,6000	0.0953
NEW LOT 1		1,924,6500	0.0442
NEW LOT 2		2,227,9500	0.0511
TOTAL		4,152,6000	0.0953



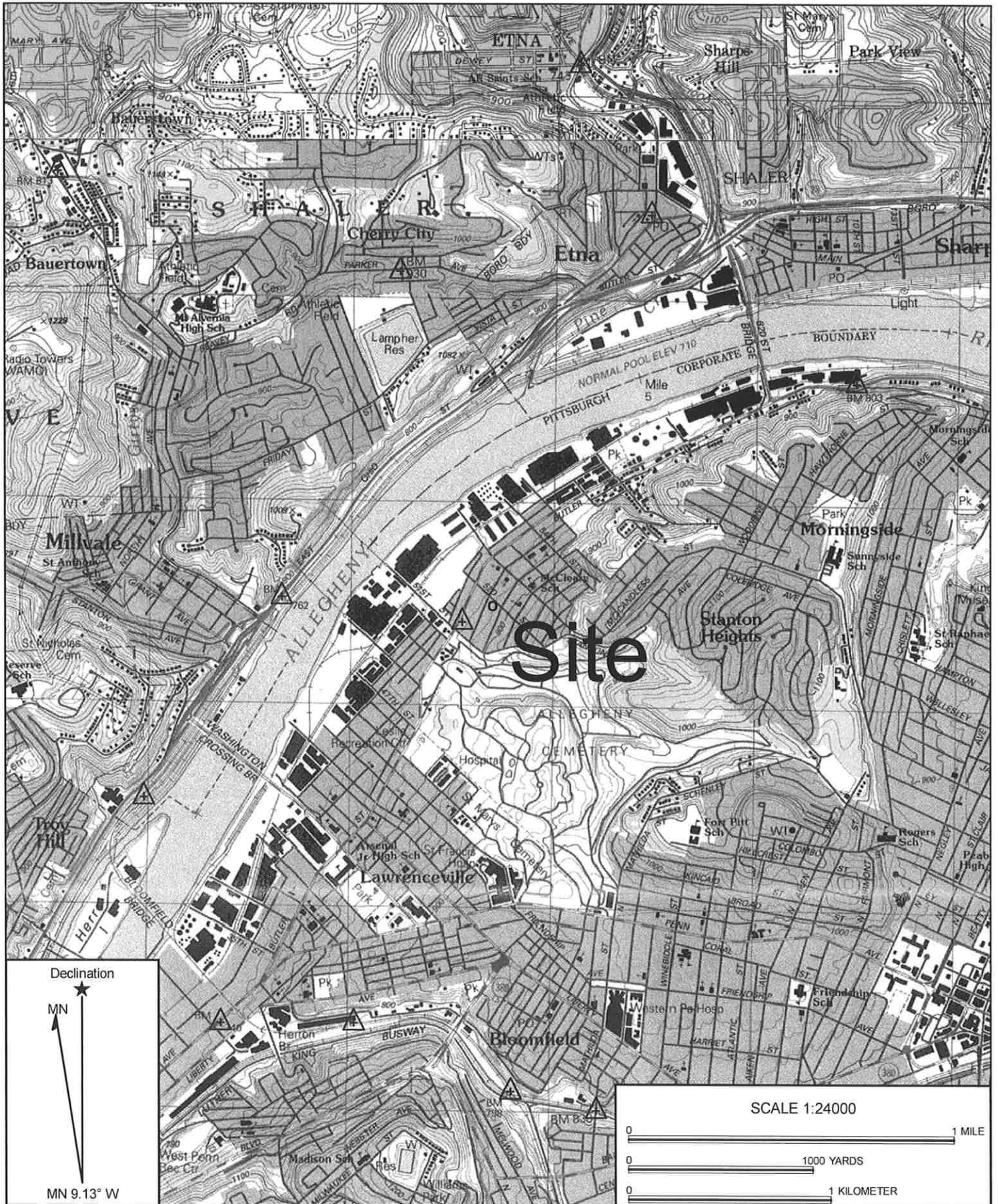
DATE	REVISION

OWNER & PROPERTY ADDRESS
 JOSHUA BUTCHKOWSKI
 414 52nd STREET
 PITTSBURGH, PA 15201

BUTCHKOWSKI PLAN OF LOTS
 Block A Subdivision of Block 80-H Lot 4
 10th WARD, CITY OF PITTSBURGH
 ALLEGHENY COUNTY, PA

MADE FOR
 JOSHUA BUTCHKOWSKI
 PREPARED BY
 J. H. GALE & ASSOCIATES, INC.
 1000 UNIVERSITY CITY CENTER, SUITE 1010
 PITTSBURGH, PA 15201
 PHONE: (412) 381-1200 FAX: (412) 381-1200

SHEET 1 OF 1



Name: PITTSBURGH EAST
 Date: 08/30/22
 Scale: 1 inch = 2,000 ft.

Location: 040° 28' 45.48" N 079° 57' 12.49" W

PROPERTY
INFORMATION

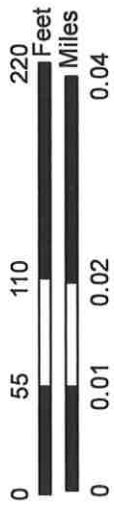
PIN: 0080H00005000000



LEGEND

-  Parcels
-  LotLines
-  Streets
-  Municipalities

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



WGS84 Web Mercator



Parcel ID : 0080-H-00005-0000-00
Property Address : 442 52ND ST
PITTSBURGH, PA 15201

Municipality : 110 10th Ward - PITTSBURGH
Owner Name : BUTCHKOSKI JOSHUA J

School District :	Pittsburgh	Neighborhood Code :	11003
Tax Code :	Taxable	Owner Code :	Regular
Class :	Residential	Recording Date :	
Use Code :	VACANT LAND	Sale Date :	
Homestead* :	No	Sale Price :	\$0
Farmstead :	No	Deed Book :	
Clean And Green	No	Deed Page :	
Other Abatement :	No	Lot Area :	1,925 SQFT

* If this property had a recent sale or deed change the 'YES' that is showing may apply to the prior owner.
New owners wishing to receive the abatement must apply.
The deadline to apply is March 1st of each year.
Details may be found on the [County's abatement page](#).

2022 Full Base Year Market Value		2022 County Assessed Value	
Land Value	\$24,200	Land Value	\$24,200
Building Value	\$0	Building Value	\$0
Total Value	\$24,200	Total Value	\$24,200

2021 Full Base Year Market Value		2021 County Assessed Value	
Land Value	\$0	Land Value	\$0
Building Value	\$0	Building Value	\$0
Total Value	\$0	Total Value	\$0

Address Information

Owner Mailing : 414 52ND ST
PITTSBURGH , PA 15201-2584

COMPLETENESS
CHECKLIST

Checklist



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

Completeness Checklist

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

Sewage Collection and Treatment Facilities

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

Municipal Action

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

Signature of Municipal Official

Date submittal determined complete