



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 #

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 Habitat - North Braddock
2. Brief Project Description Construction of three (3) single family residences with associated grading, landscaping, hardscaping, utilities, etc.

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

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

Municipality Mailing Address Line 1	Mailing Address Line 2		
200 ROss Street, 4 th Floor			
Address Last Line -- City	State	ZIP+4	
Pittsburgh	PA	15219	
Area Code + Phone + Ext.	FAX (optional)	Email (optional)	
412-255-2516		martinabattistone@pittsburghpa.gov	

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

Habitat - North Braddock

Site Location Line 1

516, 518, and 518 N Braddock Ave

Site Location Line 2

Site Location Last Line -- City

Pittsburgh

State

PA

ZIP+4

15208

Latitude

40.451833

Longitude

-79.891564

Detailed Written Directions to Site From the 400 Waterfront Drive office, get on PA-28N from Waterfront Drive. Follow PA-28 N to Highland Park Bridge in Sharpsburg. Take Exit 6 from PA-28N. Get on PA-8 S/Washington Boulevard in Pittsburgh. Follow Washington Boulevard to Hamilton Avenue. Follow Hamilton Avenue to N Braddock Avenue, Site is on the Left.

Description of Site Site is currently a vacant lot.

Site Contact (Developer/Owner)

Last Name

Slaughter

First Name

Howard

MI Suffix

B Jr.

Phone

412-450-8520

Ext.

12

Site Contact Title

President & CEO

Site Contact Firm (if none, leave blank)

Habitat for Humanity of Greater Pittsburgh

FAX

4124508143

Email

hslaughter@pittsburghhabitat.org

Mailing Address Line 1

6435 Frankstown Ave, Suite 100

Mailing Address Line 2

Mailing Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

15206

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

Last Name

Turka

First Name

Louis

MI

Suffix

Title

Civil Engineer 2

Consulting Firm Name

Red Swing Group

Mailing Address Line 1

3824 Northern Pike, Suite 800

Mailing Address Line 2

Address Last Line -- City

Monroeville

State

PA

ZIP+4

15146

Country

United States

Email

l.turka@redswinggroup.com

Area Code + Phone

724-325-1215

Ext.

205

Area Code + FAX

866-295-5226

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: Wilksburg Penn Joint Water 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 3

Connections 3

Name of:

existing collection or conveyance system N Braddock Ave - 15" VCP

owner PWSA

existing interceptor Allegheny River Interceptor

owner ALCOSAN

2. WASTEWATER TREATMENT FACILITY

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

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

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

Name of existing facility Woods Run WWTP

NPDES Permit Number for existing facility 25984

Clean Streams Law Permit Number _____

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

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

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

Name of Permittee Agency, Authority, Municipality _____

Name of Responsible Agent _____

Agent Signature _____ Date _____

(Also see Section I. 4.)

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (Continued)

3. PLOT PLAN

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

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

4. WETLAND PROTECTION

YES NO

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

5. PRIME AGRICULTURAL LAND PROTECTION

YES NO

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

6. HISTORIC PRESERVATION ACT

YES NO

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

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

7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES

Check one:

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

Applicant or Consultant Initials _____.

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 1200 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	1703230	5961619	22216	77755	23686	82902
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 The Pittsburgh Water and Sewer Authority

Name of Responsible Agent Barry King, P.E. / Director of Engineering and Construction

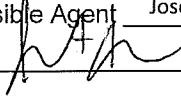
Agent Signature  Date August 10, 2020

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

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Joseph A. Sparbanie, P.E.

Agent Signature 

Date 8/31/2020

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

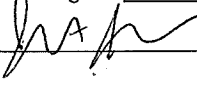
- a. YES NO This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility?

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

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

- b. Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Joseph A. Sparbanie

Agent Signature 

Date 8/31/2020

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 1200 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.

Louis Turka	
Name (Print)	Signature
Civil Engineer 2	8/21/2020
Title	Date
3824 Northern Pike, Suite 800, Monroeville, PA 15146	724-325-1215 x205
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 \$150 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.

$$\#3 \quad \text{Lots (or EDUs)} \times \$50.00 = \$ 150$$

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
 - For community sewer system projects, one EDU is equal to a sewage flow of 400 gallons per day.
2. For a surface or subsurface discharge system, use the appropriate one of these formulae.

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

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

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

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

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

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
 - For community sewage system projects one EDU is equal to a sewage flow of 400 gallons per day.
 - For non-single family residential projects, EDUs are calculated using projected population figures
- C. A sub-surface discharge system that requires a permit under The Clean Streams Law will use a flat fee:
- \$ 1,500 per submittal (non-municipal)
\$ 500 per submittal (municipal)

COUNTY OF



ALLEGHENY

RICH FITZGERALD
COUNTY EXECUTIVE

September 18, 2020



Lou Turka
Red Swing Group
One Monroeville Center
3874 Northern Pike, Suite 800
Monroeville PA 15146

**RE: SEWAGE FACILITIES PLANNING MODULE; ALLEGHENY COUNTY
Habitat – North Braddock, City of Pittsburgh**

Dear Mr. Turka:

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 15, 2020. The project proposes the following:

Project Description:	Habitat - North Braddock. Proposing the construction of three single family homes on existing vacant lots located on North Braddock Avenue in the City of Pittsburgh, Allegheny County.
Sewage Flow:	1,200 GPD
Conveyance:	The flow from this site will be conveyed to the Pittsburgh Water & Sewer Authority (PWSA) collection system to ALCOSAN POC A-42 to the Allegheny 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



**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.

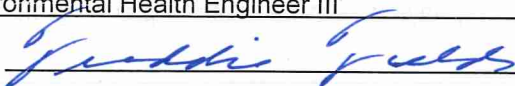
SECTION A. PROJECT NAME (See Section A of instructions)

Project Name
 Habitat - North Braddock

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

1. Date plan received by county or joint county health department September 15, 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	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan? If no, what are the inconsistencies? _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	2. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? If yes, describe _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	3. Is there any known groundwater degradation in the area of this proposal? If yes, describe _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. The county or joint county health department recommendation concerning this proposed plan is as follows: <u>ACHD recommends approval. See attached letter.</u>
		5. Name, title and signature of person completing this section: Name: <u>Freddie Fields</u> Title: <u>Environmental Health Engineer III</u> Signature: <u></u> Date: <u>September 18, 2020</u> Name of County Health Department: <u>ACHD</u> Address: <u>3901 Penn Avenue, Building #5, Pittsburgh, PA 15224-1318</u> Telephone Number: <u>412-578-8046</u>

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

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

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

Mr. Turka
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,

A handwritten signature in blue ink that reads "Freddie Fields". The signature is written in a cursive style.

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)

HABITAT – N BRADDOCK
THREE SINGLE FAMILY HOMES
PROJECT NARRATIVE

PROJECT NAME: Habitat – N Braddock
Parcel(s) –175-B-55
Pittsburgh, PA 15208

SITE DESCRIPTION & ANALYSIS LOCATION

The project involves the construction of three single family homes on an existing lot, currently located at 0 Abbot Street, Pittsburgh, PA 15208 (MBL: 175-B-55). Each townhome will have its own lot and associated address following the subdivision process.

The project site in its existing condition consists of a vacant grassed lot with a small gravel parking area to the south.

The project proposes a new sanitary lateral from each single-family home to an existing 15” PWSA combined sanitary line within N Braddock Avenue. A storm lateral will run parallel to each sanitary lateral, with the sanitary connecting into the storm within five feet of the combined sewer main. The storm laterals will connect to the building downspouts. One new water service lateral is also proposed to serve each home and connect to an existing 6” WPJWA water line within N Braddock Avenue.

PROPOSED SEWER FLOWS

All values derived from PA Code 025 Chapter 73 §73.17. Sewage Flows.

Single family residences

400 GPD per Unit

3 Units x 400 GPD = 1,200 GPD

400 GPD = 1 EDU

1,200 GPD (1 EDU/400GPD) = 3 EDUs

TOTAL GPD: 1,200 GPD or 3 EDUs

PREVIOUS SEWER FLOWS

Development area is currently vacant; therefore, no replacement flows available.

Based on the above calculations, a PADEP Sewage Facilities Planning Module IS ANTICIPATED TO BE REQUIRED.

PROPOSED STORM FLOWS

Area 1 consists of the proposed building footprints (2,016 SF).

Area 2 consists of the improved surfaces (2,118 SF).

Area 3 consists of the grassed remainder of the lot (1,256 SF).

AREA NUMBER	C VALUE	FORMULA	AMOUNT OF SW (CFS)
1	0.95	Q=(0.95)(5.8)(0.04)	0.22
2	0.95	Q=(0.95)(5.8)(0.04)	0.22
3	0.40	Q=(0.40)(5.8)(0.02)	0.04
SUM			0.48



FOR REFERENCE:
THIS PROPERTY IS
512 N BRADDOCK AVENUE,
PITTSBURGH, PA 15208

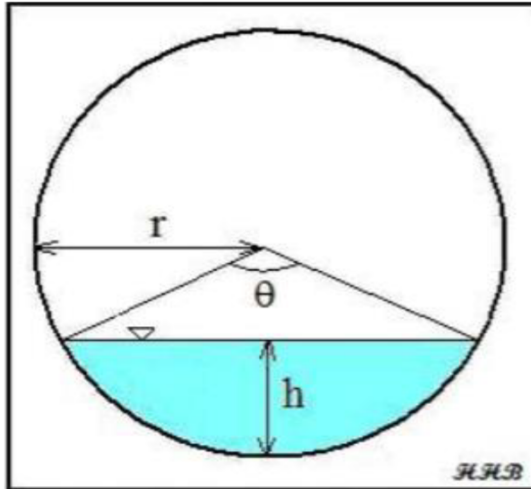
PROJECT LOCATION
(NO CURRENT
ADDRESS)
BLOCK/LOT 175-B-55

Sewage Facilities Planning Module

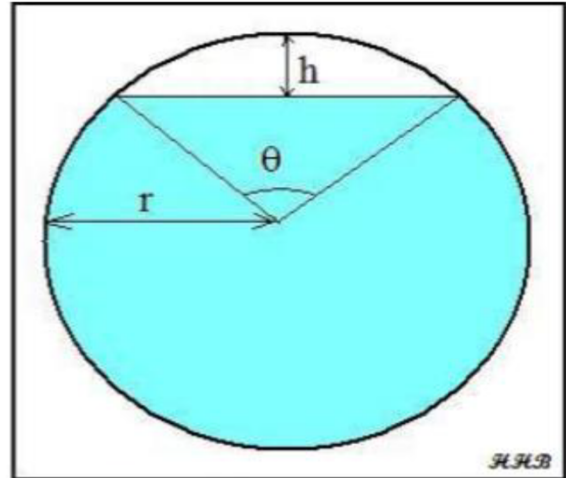
Most Limited Capacity Sewer (MLCS) Calculations

Project: 19-1141 - Habitat N Braddock

Mannings Equation



Partially Full Pipe Flow Parameters
(Less Than Half Full)



Partially Full Pipe Flow Parameters
(More Than Half Full)

Variables

<u>Variable</u>	<u>Units</u>	<u>Description</u>
Q	ft ³	Volumetric Flowrate
n		Mannings Roughness Coefficient
A	ft ²	Cross-Sectional Area of Flow
R	ft	Hydraulic Radius
S	ft/ft	Slope of Hydraulic Grade Line
P	ft	Wetted Perimeter
r	ft	Radius
h	ft	Depth of Flow
θ	rad	Central Angle

Equations Used

$$Q = (1.49/n) A R^{(2/3)} S^{(1/2)}$$

$$R = A/P$$

$$\theta = 2 \cos^{-1} (r-h/r)$$

>50%

$$A = \pi r^2 [r^2 (\theta - \sin\theta)/2]$$

$$P = 2\pi r - r\theta$$

<50%

$$A = r^2 (\theta - \sin\theta)/2$$

$$P = r\theta$$

Calculation Data

Flow Depth Information

Per PWSA, the Most Limited Capacity Sewer (MLCS) was identified between the manholes and street identified below. Flow depth measurements were taken on the date and at the manhole specified below in the Flow Depth Summary Table.

MH1: MH174P016

MH2: MH174P03.1

Street: Tioga Street

Flow Depth Taken @ MH174P016

Date 5/13/2020

Flow Depth Summary Table

	Time	Flow depth (in)
1	6:30 AM	1.25
2	6:45 AM	1
3	7:00 AM	1
4	7:15 AM	1
5	7:30 AM	1

Flow Depth = Greatest of 5 measurements

Combined Sewer?

Peaking Factor

Proposed Project Flow (Qp) GPD

Pipe Mat'l	VCP	
S	0.027	ft/ft
D	1.25	ft
n	0.015	
h	0.10	ft
PF	3.5	

Calculations for Design and Permitted Capacities

Qd avg = Average Design Capacity = Full Pipe Flow Conditions / Peaking Factor

Qd peak = Peak Design Capacity = Full Pipe Flow Conditions

Qd avg = 1,703,320 gpd

D	1.250	ft
r	0.625	ft
A	1.227	ft ²
P	3.927	ft
R	0.313	ft
Qd peak	9.224	cfs
Qd peak	5,961,619	gpd

Calculations for Present Flows

$Q_{ex\ avg} = \text{Average Present Flows} = Q_{ex\ peak} / PF$

$Q_{ex\ peak} = \text{Peak Present Flows} = \text{Existing Flow Conditions Per Site Investigation}$

$Q_{ex\ avg} = 22,216\ \text{GPD}$

D	1.250	ft
r	0.625	ft
θ	1.147	rad
h/D	0.080	ft/ft
A	0.046	ft ²
P	0.717	ft
R	0.064	ft
Q_{ex peak}	0.120	cfs
Q_{ex peak}	77,755	gpd

Calculations for Projected Flows in Five (5) Years

$Q_{proj\ avg} = \text{Average Projected Flows in Five (5) Years} = Q_{proj\ peak} / PF$

$Q_{proj\ peak} = \text{Peak Projected Flows in Five (5) Years} = (Q_{ex\ peak} + Q_p) \times 1.05$

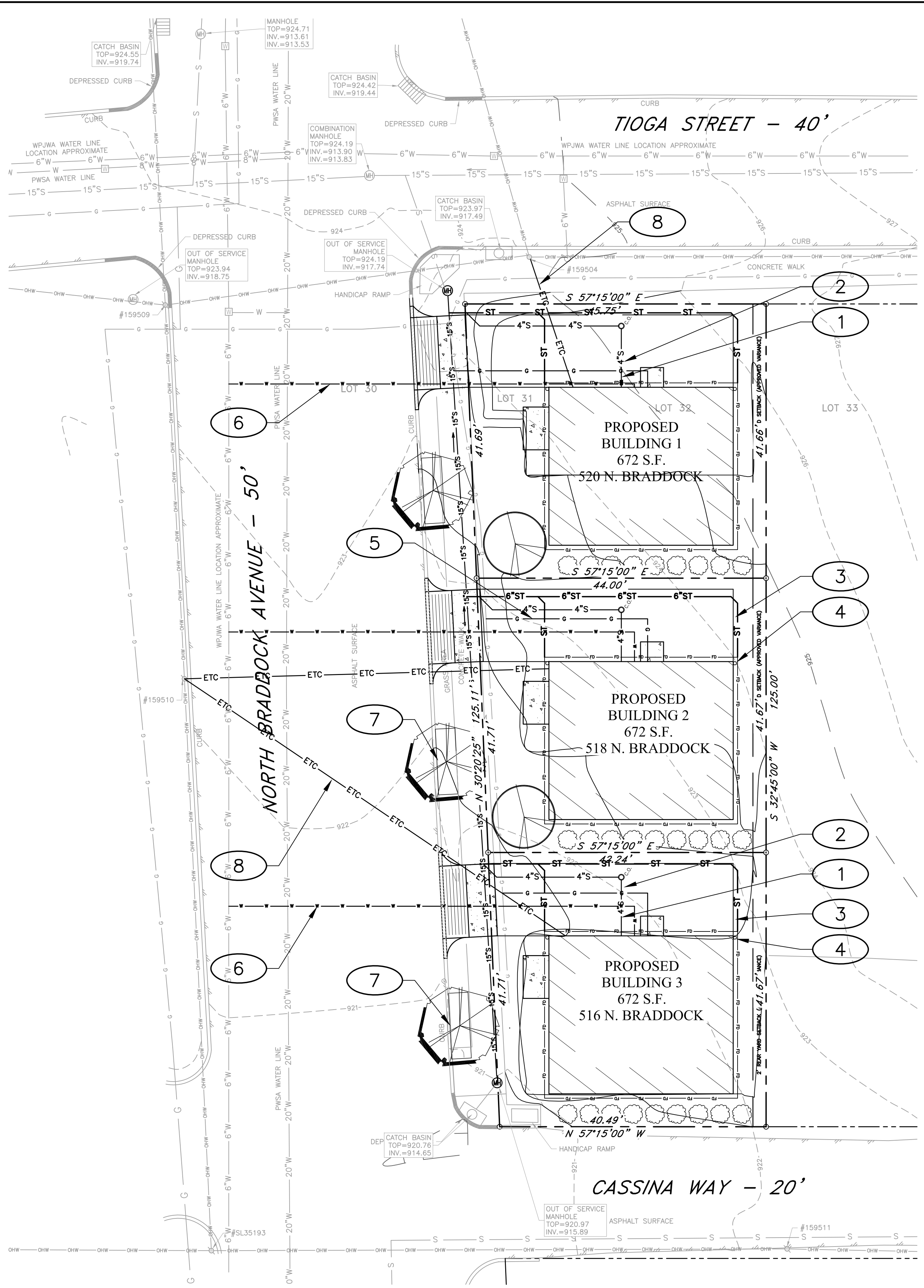
Q_{proj avg} = 23686.522 gpd

Q_{proj peak} = 82902.828 gpd

Summary Table

Variable	GPD
Qd avg	1,703,320
Qd peak	5,961,619
Qex avg	22,216
Qex peak	77,755
Qproj avg	23,687
Qproj peak	82,903

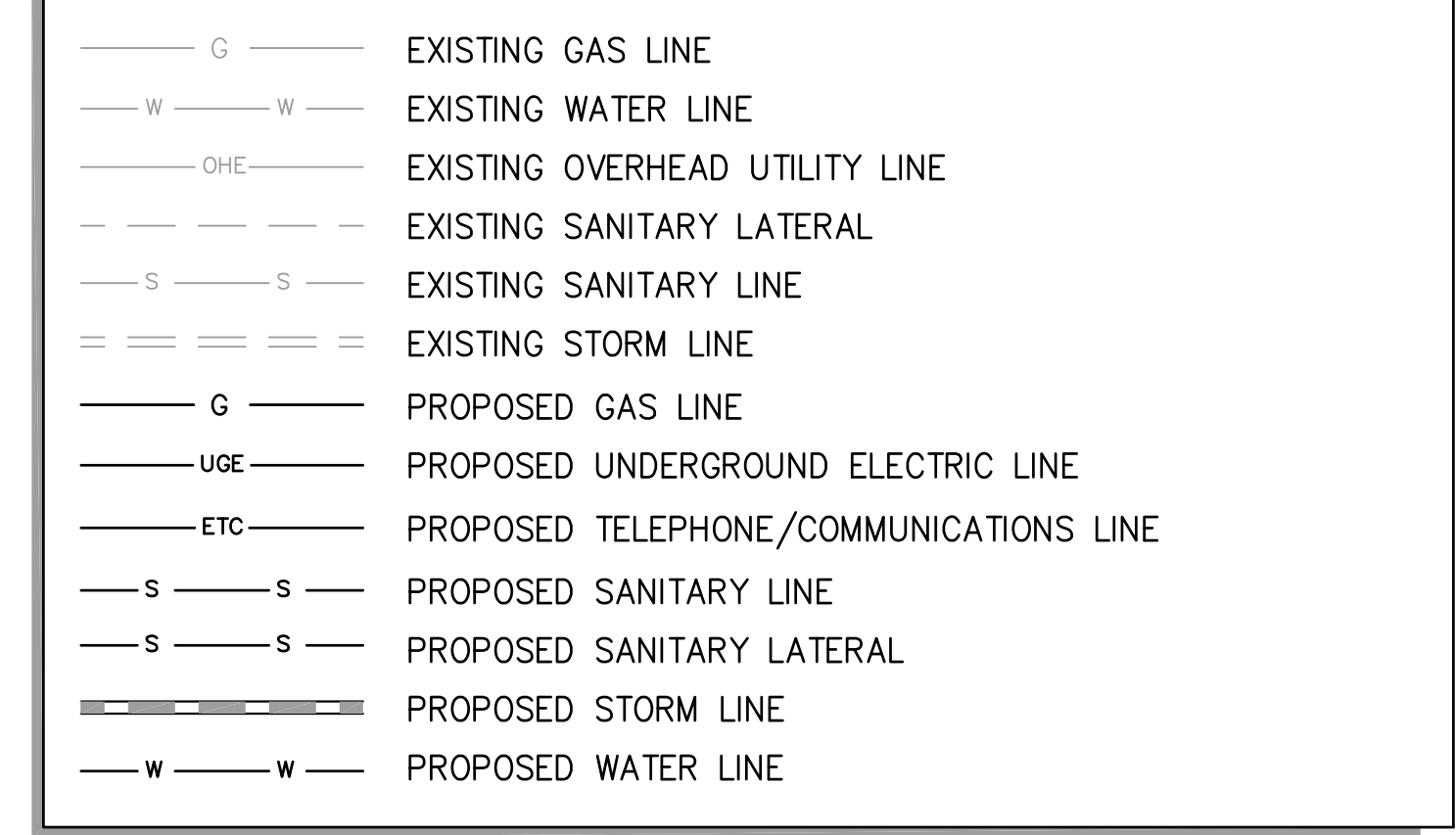
Y:\0_Progects_1\19-1141 - Habitat - N. Braddock\03_Design (DWG)\19-1141 - Habitat - N. Braddock - Base.dwg Plotfile: Jul 29, 2020 - 10:15:00am



SITE UTILITY NOTES

- 1 PROPOSED 4" SANITARY SEWER LATERAL. CONTRACTOR TO COORDINATE WITH PWSA FOR FIELD CONNECTION TO EXISTING SYSTEM. (TYP. PER RESIDENCE)
- 2 PROPOSED SANITARY CLEANOUT. (TYP. PER RESIDENCE) SEE 2/042
- 3 PROPOSED 6" STORM LINE. CONTRACTOR TO COORDINATE WITH PWSA FOR FIELD CONNECTION TO EXISTING SYSTEM. (TYP. PER RESIDENCE)
- 4 PROPOSED STORMWATER CLEANOUT. (TYP. PER RESIDENCE) SEE 2/042
- 5 PROPOSED GAS LINE. CONTRACTOR TO COORDINATE WITH PEOPLES GAS FOR FIELD CONNECTION TO EXISTING SYSTEM. (TYP. PER RESIDENCE)
- 6 PROPOSED 1" WATERLINE. CONTRACTOR TO COORDINATE WITH WPJWA FOR FIELD CONNECTION. (TYP. PER RESIDENCE)
- 7 PROPOSED CURB BOX VALVE. (TYP. PER RESIDENCE)
- 8 PROPOSED ELECTRICAL/TELEPHONE/COMMUNICATIONS LINE FROM EXISTING UTILITY POLE. CONTRACTOR TO COORDINATE WITH DUQUESNE LIGHT COMPANY FOR EXACT LINE LOCATION AND FIELD CONNECTIONS TO EACH UNIT. (TYP. PER RESIDENCE)

LEGEND



GAS SERVICE

PEOPLES GAS
375 NORTH SHORE DRIVE
PITTSBURGH, PA. 15212
CONTACT: MICHAEL DENNY
MICHAEL.DENNY@PEOPLES-GAS.COM

WATER SERVICE

WILKINSBURG PENN
JOINT WATER AUTHORITY
2200 ROBINSON BLVD
WILKINSBURG, PA. 15221
CONTACT: BRIAN BIANCHI
BBIANCHI@WPJWA.COM

SANITARY SEWER

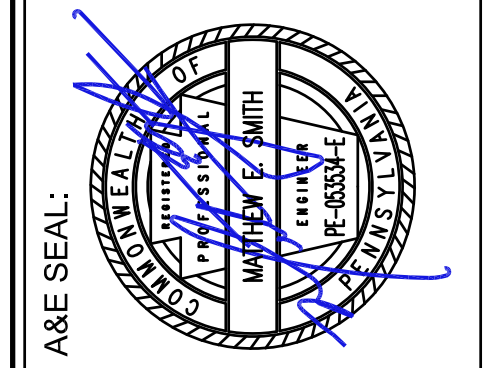
THE PITTSBURGH WATER &
SEWER AUTHORITY
1200 PENN AVENUE
PITTSBURGH, PA. 15222
CONTACT: RICK OBERMEIER
ROBERMEIER@PGH20.COM

ELECTRIC SERVICE

DUQUESNE LIGHT COMPANY
2645 NEW BEAVER AVE PA-TD
PITTSBURGH, PA. 15233
CONTACT: DAVID MORAN
DMORAN@DUQLIGHT.COM

TELEPHONE SERVICE

VERIZON PENNSYLVANIA LLC
1026 HAY ST
PITTSBURGH, PA. 15221
CONTACT: DEBORAH BARUM
deborah.d.delia@verizon.com



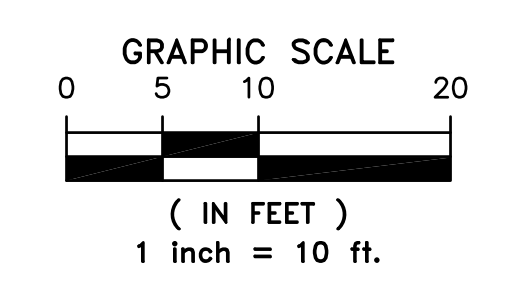
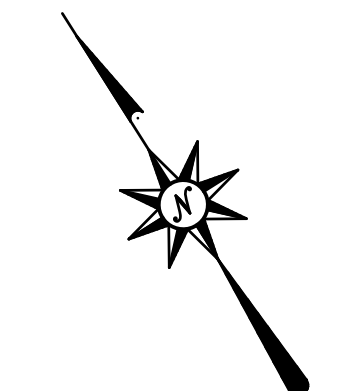
ACKNOWLEDGMENT OR SIGN-OFF BY ARCHITECT OR CONSULTING ENGINEER IS REQUIRED FOR THIS DRAWING TO BE USED FOR CONSTRUCTION. THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY TO RED SWING GROUP AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR DISCLOSURE OF THIS INFORMATION TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION OF RED SWING GROUP IS A VIOLATION OF LAW FOR ANY PERSON. UNLESS THEY ARE WORKING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT.

**HABITAT FOR HUMANITY
RESIDENTIAL HOUSING**
NORTH BRADDOCK AVENUE
PITTSBURGH, PA 15208
ALLEGHENY COUNTY - 13TH WARD

REVISIONS:	MARK	DATE	ISSUED FOR REVIEW	DESCRIPTION
0		1/9/2020		

PROJ NO: 19-1141
SCALE: AS SHOWN
DATE: 2/18/2019
DESIGNED BY: ZSM
DRAWN BY: MJN
CHECKED BY: RJM

SHEET TITLE:
UTILITY PLAN
SHEET NO.
C4.1

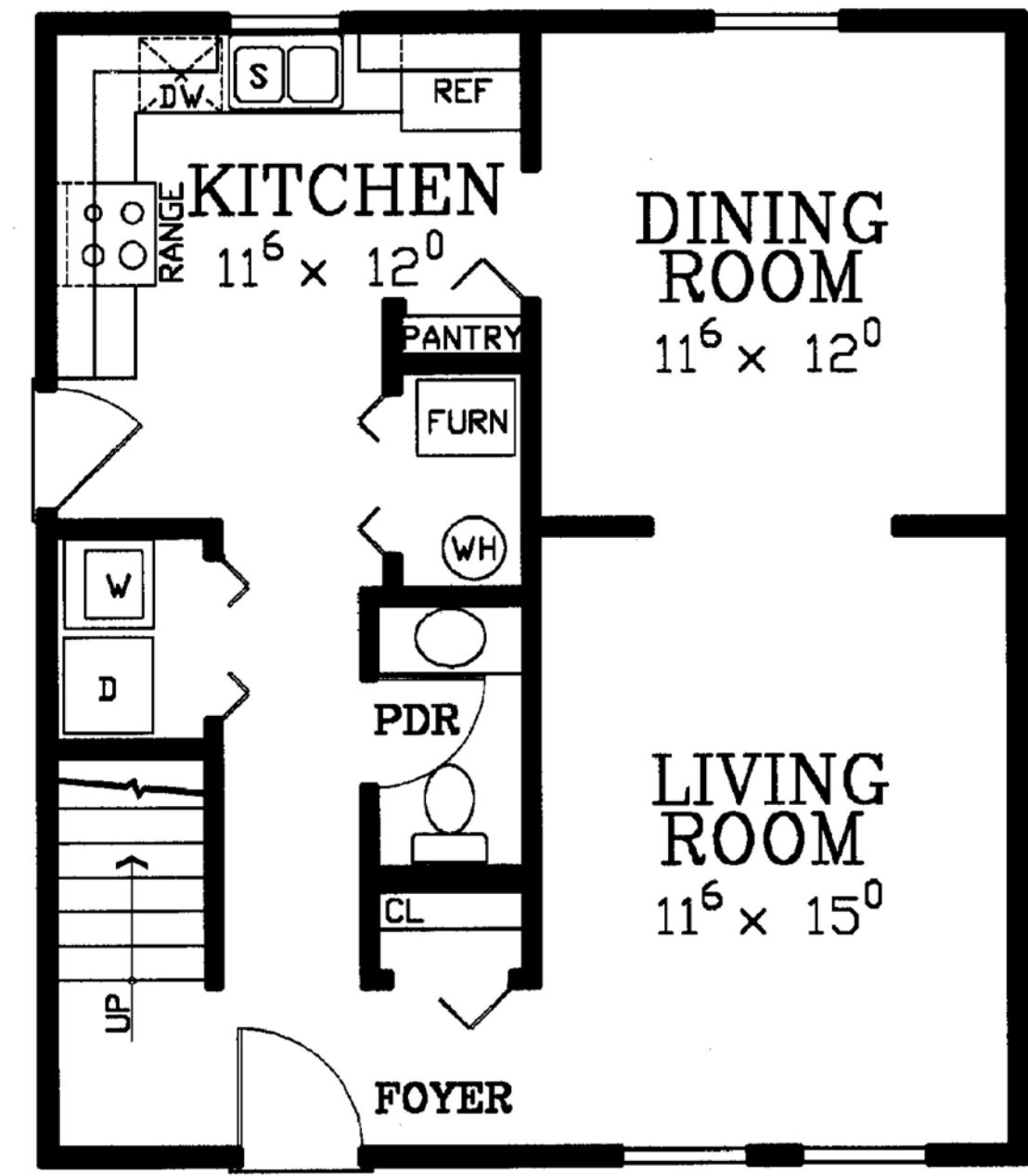


CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES
3 WORKING DAYS NOTICE FOR
CONSTRUCTION PHASE AND 10 WORKING
DAYS NOTICE IN DESIGN STAGE.
STOP CALL
PENNSYLVANIA ONE CALL SYSTEM, INC.
1-800-242-1776

MT. AIRY II

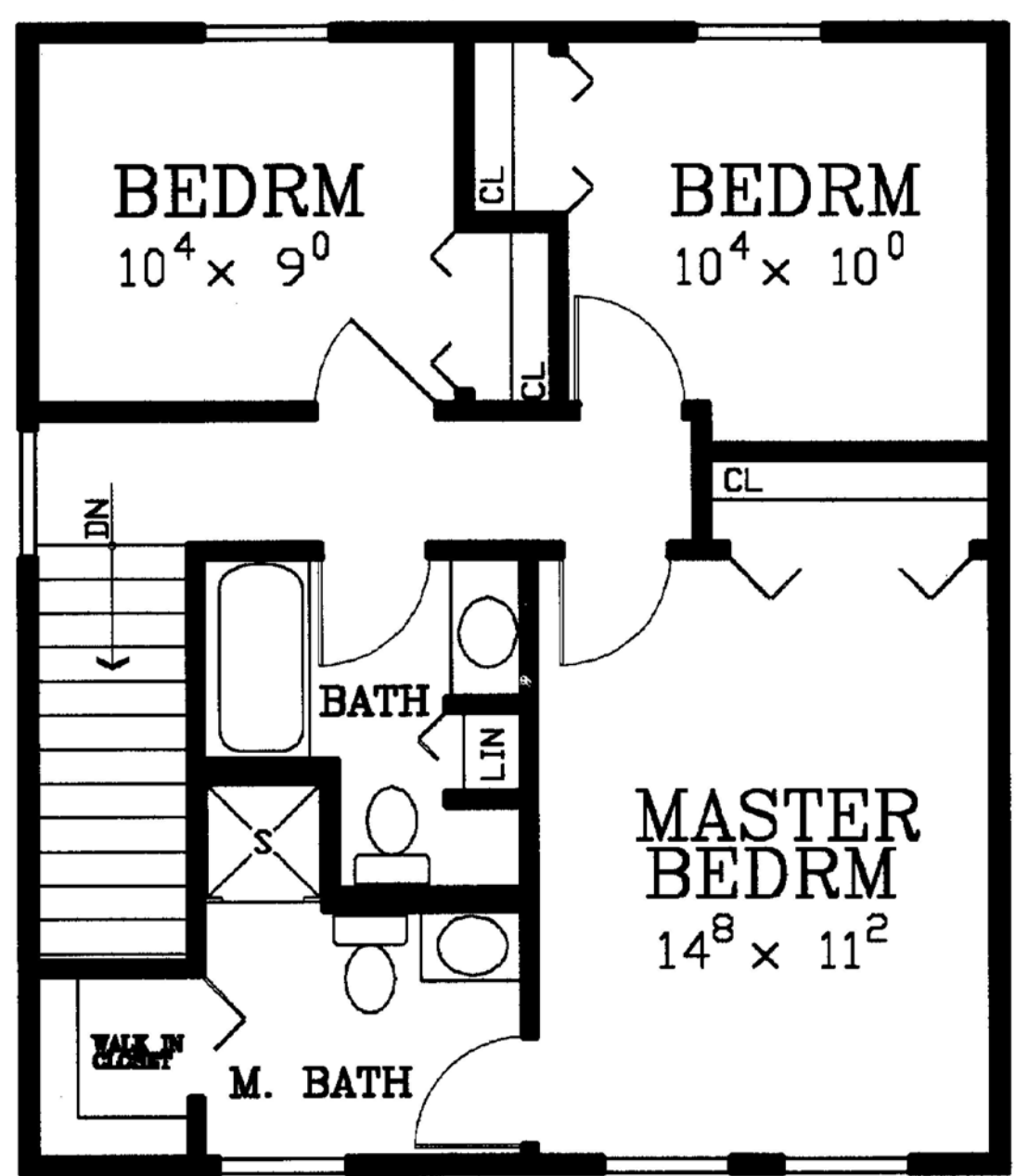
8502

VALUE PLAN



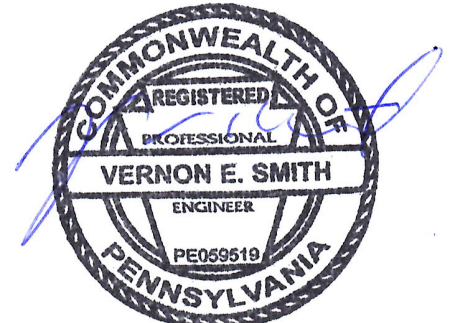
Width 24'-0"
Depth 28'-0"

Total Living Area: 1,344 Sq. Ft.



HABITAT FOR HUMANITY RESIDENTIAL HOUSING

516 NORTH BRADDOCK AVENUE
PITTSBURGH, PA 15208
ALLEGHENY COUNTY - 13TH WARD



1. PROJECT INFORMATION

Project Name: **19-1141 - Habitat - N Braddock**

Date of Review: **12/13/2019 03:20:23 PM**

Project Category: **Development, Residential, Subdivision containing more than 2 lots and/or 2 single-family units**

Project Area: **0.32 acres**

County(s): **Allegheny**

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

ZIP Code: **15208**

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

Watersheds HUC 8: **Lower Allegheny**

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

Decimal Degrees: **40.451703, -79.891544**

Degrees Minutes Seconds: **40° 27' 6.1317" N, 79° 53' 29.5582" W**

2. SEARCH RESULTS

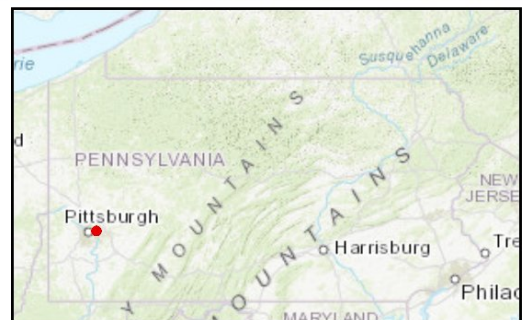
Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No 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.

19-1141 - Habitat - N Braddock

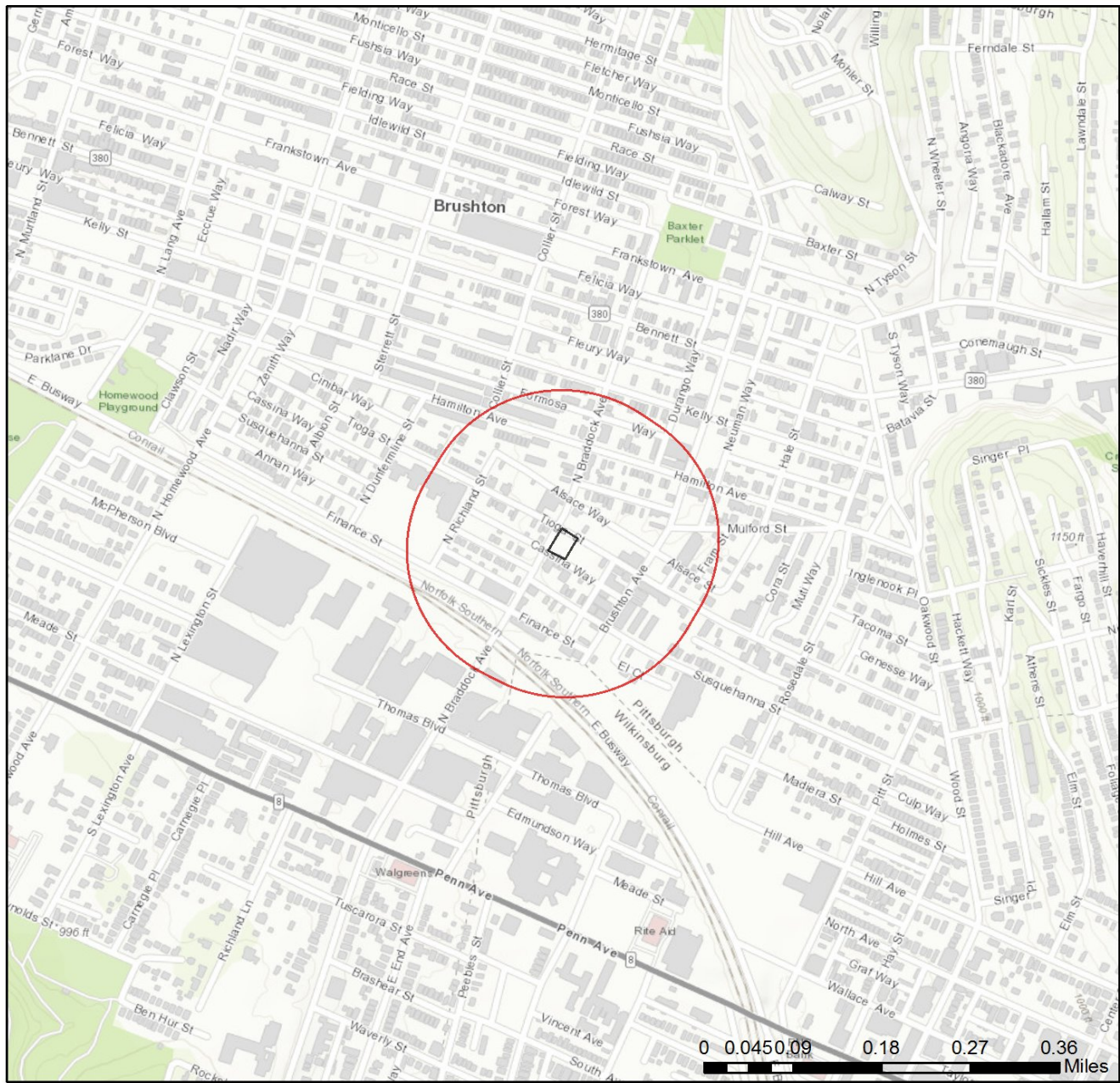


- Project Boundary
- Buffered Project Boundary



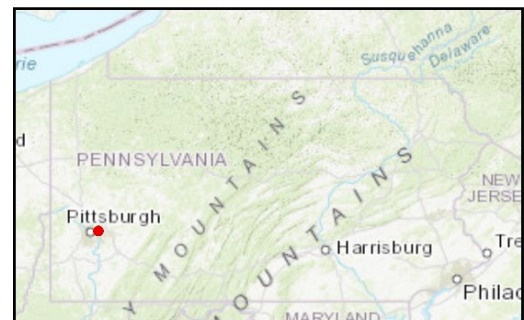
Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Esri, HERE, Garmin, (c)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

19-1141 - Habitat - N Braddock



- Project Boundary
- Buffered Project Boundary

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



RESPONSE TO QUESTION(S) ASKED

Q1: Which of the following closest describes the proposed project?

Your answer is: The proposed project will be connected to, and entirely serviced by, an existing, off-site water delivery and supply line (e.g., operated by a municipality or water company).

Q2: Are there any perennial or intermittent waterways (rivers, streams, creeks, tributaries) in or near the project area, or on the land parcel?

Your answer is: No

Q3: Accurately describe what is known about wetland presence in the project area or on the land parcel. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.). Include all areas that will be permanently or temporarily affected -- either directly or indirectly -- by any type of disturbance (e.g., land clearing, grading, tree removal, flooding, etc.). Land parcel = the lot(s) on which some type of project(s) or activity(s) are proposed to occur.

Your answer is: Someone qualified to identify and delineate wetlands has investigated the site, and determined that NO wetlands are located in or within 300 feet of the project area. (A written report from the wetland specialist, and detailed project maps should document this.)

Q4: 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.

Q5: Is tree removal, tree cutting or forest clearing of 40 acres or more necessary to implement all aspects of this project?

Your answer is: No

3. AGENCY COMMENTS

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

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

PA Game Commission

RESPONSE:

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

PA Department of Conservation and Natural Resources

RESPONSE:

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

PA Fish and Boat Commission

RESPONSE:

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

U.S. Fish and Wildlife Service

RESPONSE:

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

4. DEP INFORMATION

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



5. ADDITIONAL INFORMATION

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

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

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

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

U.S. Fish and Wildlife Service

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

PA Fish and Boat Commission

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

PA Game Commission

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

7. PROJECT CONTACT INFORMATION

Name: Sean Naylor
Company/Business Name: Red Swing Group
Address: One Monroeville Center, 3824 Northern Pike, Suite 800
City, State, Zip: Monroeville, PA 15146
Phone: (412) 325 - 1215 Fax: (_____) _____
Email: S.Naylor@RedSwingGroup.Com

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

12/12/2019

date

THE WILKINSBURG PENN JOINT WATER AUTHORITY
2200 ROBINSON BLVD
PITTSBURGH PA 15221

January 3, 2020

RED SWING GROUP
Zach Milanak
One Monroeville Center
3824 Northern Pike, Suite 800
Monroeville, PA 15146

WATER AVAILABILITY – Tioga St. at North Braddock Ave. PGH (Parcel Number 175-B-55)

Mr. Milanak,

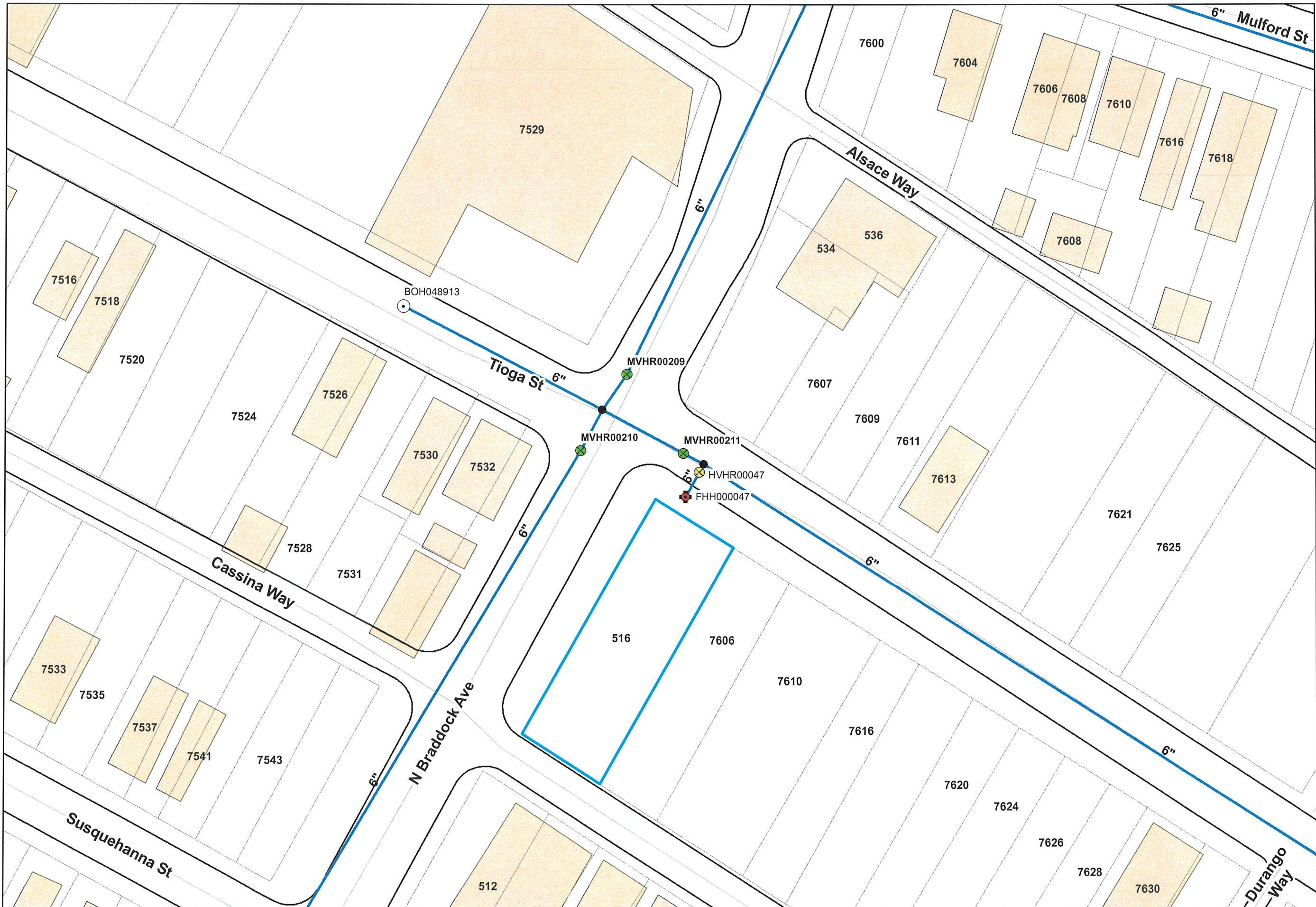
This letter is in response to your request concerning the availability of water service for Parcel Number 175-B-55 on Tioga Street at North Braddock Ave in Pittsburgh. Our site survey has confirmed that we do have water available at this location.

If you have any further questions, do not hesitate to call (412) 473-3470.



Brian Bianchi

WPJWA System Parcel Number 175-B-55 Water Availability



Legend

Network Structure

Structure Type

- Interconnect
- Intake
- Pump

Storage Facility

Facility Type

- Reservoir
- Tank

Control Valve

Valve Type

- Air Release
- Blowoff
- Simple Check
- Surge Relief
- Regulator Station

Fitting

Fitting Type

- Cap
- Junction
- Material Year Change
- Reducer
- Leak
- Water Test Stations
- Sampling Station

Water Mains

Type

- HSM
- LSM
- TM

August 10, 2020

Mr. Lou Turka
Red Swing Group
3824 Northern Pike, Suite 800
Monroeville, PA 15146

Subject: Sewage Facilities Planning Module (SFPM)
Approval Letter for Collection System Flows
Project Name: N. Braddock Habitat for Humanity Homes
PWSA Project No.: 20013.04

Dear Mr. Turka:

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

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

Sincerely,



Robert Herring, P.E.
Project Manager

Enclosures

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

To: Barry King, P.E. - Director of Engineering and Construction

From: Robert Herring, P.E. – Project Manager

Date: August 10, 2020

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

Chapter 94 Consistency Determination

Project Name: N. Braddock Habitat for Humanity Homes

Project Address: 516, 518 and 520 N. Braddock Avenue

PWSA Project Number: 20013.04

Dear Barry,

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

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

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

Yours truly,



Robert Herring, P.E.
Project Manager

Enclosures

cc: e-Builder – Filing System

To: Barry King, P.E. - Director of Engineering and Construction

From: Robert Herring, P.E. – Project Manager

Date: August 10, 2020

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

Chapter 94 Consistency Determination

Project Name: N. Braddock Habitat for Humanity Homes

Project Address: 516, 518 and 520 N. Braddock Avenue

PWSA Project Number: 20013.04

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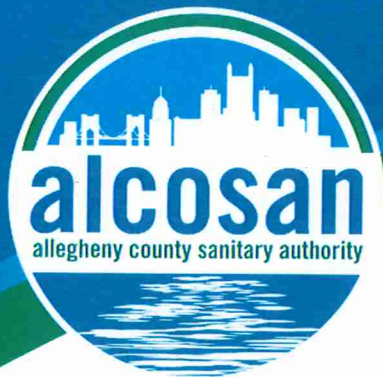
Yours truly,



Robert Herring, P.E.
Project Manager

Enclosures

cc: e-Builder – Filing System



RECEIVED
9-1-20

August 31, 2020

Members of the Board

Corey O'Connor
Chair Person

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Sylvia C. Wilson
Shannah Tharp-Gilliam, Ph.D.
Jack Shea
John Weinstein

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Jeanne K. Clark
*Director
Governmental Affairs*

Joseph Vallarian
*Director
Communications*

Lou Turka
Red Swing Group
3824 Northern Pike, Suite 800
Monroeville, PA 15146

**Re: Habitat – N. Braddock – City of Pittsburgh
PA DEP Sewage Facilities Planning Module
ALCOSAN Regulator Structure A-42-00**

Dear Mr. Turka:

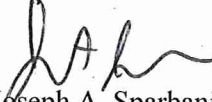
We have reviewed the Component 3 Planning Module for the referenced project to be located in the City of Pittsburgh. The project will generate a peak flow of 1,200 gpd in the ALCOSAN Allegheny River Interceptor and Woods Run Treatment Plant.

The capacity at the ALCOSAN A-42-00 Regulator is 28.9 MGD. The estimated peak dry weather flow is approximately 6.6 MGD. Dry weather capacity exists for this connection. However, the ALCOSAN Allegheny Interceptor and the Woods Run Treatment Plant do not have the capacity for the flows generated by the tributary communities during wet weather periods. This limitation will be addressed as ALCOSAN implements its Clean Water Plan.

ALCOSAN has completed and signed the sections required in the Component 3 module and requests that this letter be made part of the planning module submission. If you have any questions regarding this matter, please contact me at 412-732-8046.

Sincerely,

ALLEGHENY COUNTY SANITARY AUTHORITY


Joseph A. Sparbanie, P.E.
Civil Engineer

Attachment

cc: Tina Dean (w/o attachment) Barry King, PWSA (w/o attachment)
D. Thornton (w/o attachment) T. Flanagan/PaDEP (w/o attachment)
S. McWilliams (w/o attachment) F. Fields/ACHD (w/o attachment)
M. Lichte (w/o attachment)