

February 10, 2023

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Bernard J. Lamm PE.  
Common Ground  
10500 Old Babcock Boulevard  
Gibsonia, PA 15044

**Re: Miller School Residences  
City of Pittsburgh– Allegheny County  
PA DEP Sewage Facilities Planning Module  
ALCOSAN Regulator Structure M-05-00**

Dear Mr. Bernard J. Lamm PE,

We have reviewed the Component 3 Planning Module for the referenced project to be located at Miller School Residences. The project will generate a peak flow of 7,150 gpd in the ALCOSAN Monongahela River Interceptor and Woods Run Treatment Plant.

The capacity of the ALCOSAN M-05-00 regulator structure is approximately 20.60 MGD. The estimated peak dry weather flow is approximately 3.26 MGD. Therefore, dry weather capacity exists for this connection. However, the Monongahela River Interceptor and the Woods Run Treatment Plant do not have the capacity for the flows generated during wet weather periods. This limitation will be addressed as ALCOSAN implements its Clean Water Plan.

ALCOSAN requests that this letter be made part of the planning module submission. The signed Component 3 Planning Module is attached. If you have any questions regarding this matter, please contact me at 412-510-5119.

Sincerely,

**ALLEGHENY COUNTY SANITARY AUTHORITY**

Zach Hughes

Attachment

cc: C. Dean (w/o attachment) R. Herring/PWSA (w/o attachment)  
D. Thornton (w/o attachment) Thomas Flanagan/PADEP (w/o attachment)  
M. Lichte (w/o attachment) Fred Fields/ACHD (w/o attachment)



October 20, 2022

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

Subject: Tap Allocation Authorization Letter

Dear Mr. Flanagan:

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

Project Name:	Miller School Residences
Project Address:	335 Miller Street Pittsburgh, PA 15219
Net Flow, gpd:	7,150
EDU's, 400gpd/EDU:	17.9

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

Sincerely,

Robert Herring, PE, PMP  
Senior Project Manager

cc: CityGrows – Application Number DEV-175-0922



# Common Ground

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## **Project Narrative:**

### *Project Description*

*Methodology to Determine the Present Flow Within the Most Limited Capacity Sewer Peak Daily Wastewater Flow Estimates*

## **Project Description**

This project, the *Miller School Residences*, is located at 335 Miller Street, Pittsburgh, PA 15219 – Ward 3. Currently, the site is not in use. The existing school building has been shuttered since 2006. (See pages 2 & 3 of this PDF for public information regarding the Miller School closure after the 2005-2006 school year).

The nature of this proposed development is Multi-Unit Residential. It is an adaptive reuse of a school building into a 41-unit apartment building. The proposed building will also include flex fitness areas and bike storage (for residents only – no public facilities are proposed).

The proposed project flow is 7,150 GPD. See flow table, below. The number of EDUs is 23.83 (7,150/300). The proposed sewage disposal method is a private system with a single, existing 6” connection to the 15” VCP combined public sanitary sewer in Foreside Place in accordance with standard PWSA connection details. CCTV work will be completed and shared with the PWSA.

The sewage is collected via the Foreside Place 15” VCP combined sewer, to the Monongahela River Intercept: ALCOSAN M-05-RG, which is located in the Main Rivers ALCOSAN Planning Basin. Flow continues to ALCOSAN Woods Run WWTP.

## **Methodology to Determine the Present Flow Within the Most Limited Capacity Sewer**

Drnach, a professional flow monitoring company, monitored the Present Flows at the MLCS. The flow monitoring took place at the MH002H070 structure (PWSA specified location/structure), for a period of 30 days, beginning on December 14, 2022 and ending on January 12, 2023.

Data collected has been checked for quality and analyzed to provide the present maximum monthly dry weather average flows and peak flows in gallons per day.

### In determining the present flows, the following values were used:

- **Pipe Material:** Vitrified Clay Pipe – VCP data from PWSA Sewer Map & 3RWW Sewer Atlas. (Manning Roughness Coefficient,  $n = 0.015$ )
- **Combined Collection System:** Peaking Factor is 3.5 (Collection Data from PWSA Sewer Map & 3RWW Sewer Atlas).
- **Slope:**  $S = 0.073$ . The S value is presented on the PWSA Most Limited Capacity Sewer datum sheet as 7.33%. Also, the data recorded in the 3RWW Sewer Atlas for the pipe length between MH002H070 and MH002D025 is 285.38. The Invert<sub>Up</sub> is 884.39, Invert<sub>DN</sub> is 863.46. The Slope checks out at  $20.93/285.38 = 0.0733$ .
- **Depth of Flow (head):** ‘h’ - is 0.57, or - in FT = 0.048 (0.57/12). Within the 30-day flow monitoring workbook, the *Daily Sum* sheet shows that the 30-day average flow is 0.013. On the *Daily Data* sheet, the h value that coincides with the average monthly flow of 0.013 is 0.57.
- **Pipe Width:** D is 15” (Data from PWSA Sewer Map & 3RWW Sewer Atlas).  $D = 15$ ”, or 1.25 FT.
- **Present Flows, Average:** The 13,000 GPD was determined by the flow monitoring data. Recorded as ‘Average 0.013 MG’ in the *Daily Sum* sheet found within the 30-day flow monitoring workbook.
- **Present Flows, Peak:** The 60,000 GPD was determined by the flow monitoring data. Recorded as ‘Maximum 0.060 MG’ in the *Daily Sum* sheet found within the 30-day flow monitoring workbook.

The flow data collected is peak hourly flow. The results, in an excel spreadsheet, have been made available to the PWSA.



# Common Ground

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## **Peak Daily Wastewater Flow Estimates**

*(Flows are based on PA Code Title 25 Chapter 73 Paragraph 73.17)*

<b>Miller School Residences</b>			
<b>Column A: Establishment Type</b>	<b>Column B: Sanitary Sewage Flow Estimates PA Code Title 25 Chapter 73 Paragraph 73.17</b>	<b>Column C: Proposed No. of Establishment Types</b>	<b>Column D: Total Floor Flow (gal/day) Col B x Col C</b>
Apartments: Efficiency	150 GPD	6	900
Apartments: 1 Bedroom	150 GPD	29	4,350
Apartments: 2 Bedroom	300 GPD	6	1,800
HVAC	100	1	100
<b>Proposed Wastewater Peak Daily Flow:</b>			<b>7,150</b>
<b>Less Existing Wastewater Flow of 0 GPD</b>			<b>0</b>
<b>New Peak Daily Flow</b>			<b>7,150</b>





## **Common Ground**

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### **Section H- Alternative Sewage Facilities Analysis**

1. The chosen disposal method (also known as the ultimate method, to serve the development for the long term of 5 years or more), of wastewater is the single, existing collection system, which is an on-site, 6" VCP (owned by Miller School Residences, LLC) that connects to a PWSA owned 15" VCP combined public sanitary sewer in Foresaid Place, which conveys flow south westerly, toward Crawford Street. All collection and conveyance infrastructure is owned by the PWSA until, south of I-376, conveyance enters the ALCOSAN system, at the Monongahela River Intercept: ALCOSAN M-05-RG. The proposed, new peak daily flow from the project is 7,150 GPD (23.83 EDUs (7,150/300)). The chosen method has been approved by ALCOSAN, and their Woods Run Wastewater Treatment Plant has an approved NPDES permit in place, supporting the proposed project's compliance in the context of effluent limitations.
2. The project site is part of a large residential area, zoned as RM-M, located in Ward 3 of the City of Pittsburgh. The enclosed 3RWW Sewer Trace mapping illustrates that the surrounding areas are utilizing existing collection systems with similar conveyance (PWSA infrastructure) to ALCOSAN's Woods Run Waste Water Treatment Plant.
3. To our knowledge, the proposed project at Miller School Residences would not be needing to be combined with any existing collection or proposed disposal projects. The project is located in a residential neighborhood.
4. Public sewers are the official planned sewage disposal method in the City.
5. There are no existing sewage management programs, other than the City of Pittsburgh's Act 537 Plan, that we are required to participate in. The discharge does not go to the Chesapeake Bay Watershed.
6. There are no alternative sewage disposal methods for this project. It is a highly developed area already served by public sewers.
7. The proposed method was chosen because it was an existing system with the capacity for the added proposed project flow, both now in the short term and in the long term.
8. The Miller School Residences, LLC owns the collection infrastructure located within their site. PWSA own the conveyance infrastructure until south of I-76. From here, flow enters the ALCOSAN System at Monongahela River Intercept: ALCOSAN M-05-RG via the PWSA 96" combined BR pipe, ID MH002N062-ADC002NM05.
9. There are no special considerations that support the choice of disposal method.

**From:** donotreply@pa.gov  
**Subject:** [RECEIVED] Scanned Forms review - Reference ID: 84230  
**Date:** January 23, 2023 at 6:32 PM  
**To:** carma@discovercommonground.com  
**Cc:** RA-EP-ONBASENOT@pa.gov



Dear Carma Lamm,

Thank you for submitting the COMPONENT 1 (EXCEPTION TO THE REQUIREMENT TO REVISE THE OFFICIAL PLAN) FORM 3800-FM-BPNPSM0350 form to DEP.

**Region:** SOUTHWEST REGIONAL OFFICE

**County:** ALLEGHENY

**Municipality:** PITTSBURGH CITY

**Permit #/Project #:**

**RPCO Reference ID#:**

**DEP Processing Comments (if any):**

""

We will review the document and associated information and notify you with any concerns.

Your form reference # is 84230. Please use this reference # for future inquiries to DEP and include on the check memo when remitting payment.

The DEP receipt date is 1/23/2023.



\* This is an automated email from OnBase - DO NOT REPLY \*

Code No.
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COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

## 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 Miller School Residences
- 
2. Brief Project Description An adaptive reuse of a school building into a 41-unit apartment building. There will be six efficiencies, twenty-nine 1-bedroom units, and six 2-bedroom units.

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

Municipality Name	County	City	Boro	Twp
City of Pittsburgh	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Prendergast	Kyla			Senior Environmental Planner
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1		Mailing Address Line 2		
200 Ross Street		4 <sup>th</sup> Floor		
Address Last Line -- City		State	ZIP+4	
Pittsburgh		PA	15219	
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-2676		kyla.prendergast@pittsburghpa.gov		



**C. SITE INFORMATION** (See Section C of instructions)

**Site (Land Development or Project) Name**

Miller School Residences

Site Location Line 1

335 Miller Street

Site Location Line 2

Site Location Last Line -- City

Pittsburg

State

PA

ZIP+4

15219

Latitude

40.44082

Longitude

-79.98334

Detailed Written Directions to Site Take 30<sup>th</sup> St Bridge to 31<sup>st</sup> St Bridge. Take PA 28 S, I-579 S & Centre Ave to Miller Street. Turn R onto Miller Street.

Description of Site Shuttered school building

**Site Contact (Developer/Owner)**

Last Name

Tillman

First Name

Derrick

MI

Suffix

Phone

412-583-1447

Ext.

NA

Site Contact Title

Developer

FAX

Site Contact Firm (if none, leave blank)

Miller Street Residences, LLC

Email

dtillman@btgdevelopment.net

Mailing Address Line 1

1435 Bedford Avenue

Mailing Address Line 2

NA

Mailing Address Last Line -- City

Pittsburgh

State

PA

ZIP+4

15219

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

Last Name

Lamm

First Name

Bernard

MI

J

Suffix

PE

Title

Engineer

Consulting Firm Name

Common Ground

Mailing Address Line 1

10500 Old Babcock Boulevard

Mailing Address Line 2

NA

Address Last Line -- City

Gibsonia

State

PA

ZIP+4

15044

Country

USA

Email

bernie@discovercommonground.com

Area Code + Phone

7247996060

Ext.

NA

Area Code + FAX

NA

**E. AVAILABILITY OF DRINKING WATER SUPPLY**

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

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

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

Name of water company: Pittsburgh Water and Sewer Authority

**F. PROJECT NARRATIVE** (See Section F of instructions)

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

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



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

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

**1. COLLECTION SYSTEM**

a. Check appropriate box concerning collection system

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

Clean Streams Law Permit Number 136110

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 23.83

Connections 1

Name of:

existing collection or conveyance system Foreside Place 15" VCP Combined Sewer

owner The Pittsburgh Water and Sewer Authority

existing interceptor ALCOSAN M-05-RG

owner ALCOSAN

**2. WASTEWATER TREATMENT FACILITY**

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

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

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

Name of existing facility ALCOSAN Woods Run WWTP

NPDES Permit Number for existing facility 25984

Clean Streams Law Permit Number PA G 136110

Location of discharge point for a new facility. Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

*X* 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 Alco San

Name of Responsible Agent Zach Hughes

Agent Signature Zach Hughes Date 2/10/2023

(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](http://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](http://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 7150 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	2806517	9822810	13000	60000	20145	70508
Conveyance		20,600,000	3,000,000	3,260,000	3,445,000	3,307,000
Treatment	250,000,000	250,000,000	194,200,000	250,000,000	248,800,000	275,000,000

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  
2023.01.25 08:42:10 -05'00' Date 1/25/2023



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

c. Conveyance System

Name of Agency, Authority, Municipality Alcosan  
Name of Responsible Agent Zach Hughes  
Agent Signature [Signature]  
Date 2/10/2023

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 Zach Hughes  
Agent Signature [Signature]  
Date 2/10/2023

**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)

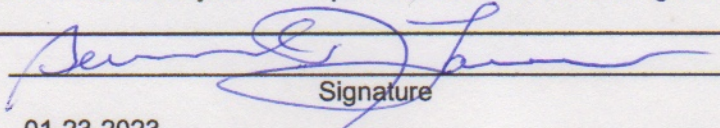
9.   Does the project involve the use of large volume onlot sewage disposal systems (Flow > 10,000 gpd)?
10.   Does the project require resolution of a conflict between the proposed alternative and consistency requirements contained in §71.21(a)(5)(i), (ii), (iii)?
11.   Will sewage facilities discharge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

Bernard J. Lamm

Name (Print)



Signature

Engineer

Title

01-23-2023

Date

10500 Old Babcock Blvd, Gibsonia, PA 15044

Address

724-799-6060

Telephone Number

**R. REVIEW FEE** (See Section R of instructions)

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

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

County Recorder of Deeds for \_\_\_\_\_ 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.

$$\#23.83 \text{ Lots (or EDUs) X } \$50.00 = \$ 1,191.50$$

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:

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

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)



**PROJECT GENERAL NOTES:**

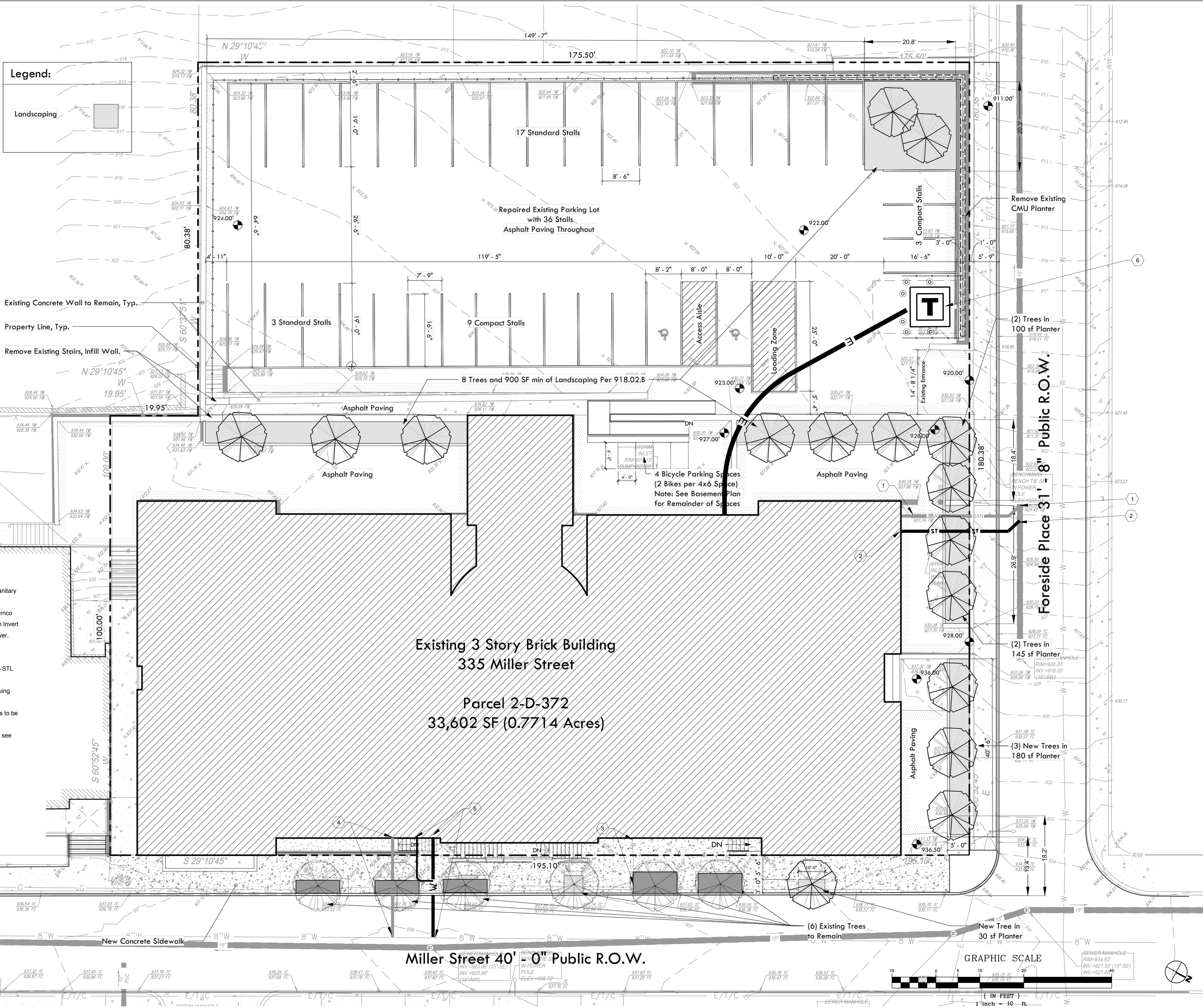
1. Obtain accurate field locations of all underground and aerial utilities from the utility companies prior to beginning work. It is the Contractor's responsibility to verify all Utility Companies' and related facilities prior to commencing work. Use PA One Call and standard subsurface utility investigation methods consistent with the *Standard Guideline for Investigating and Documenting Existing Utilities, ASCE/UES/CI 38-22* and its companion standard, *Standard Guideline for Recording and Exchanging Utility Infrastructure Data, ASCE/UES/CI 75-22*. The Contractor shall verify the location of existing utilities and services within the area of proposed construction. The Contractor shall determine the extent and location and depth of all existing utilities prior to commencing work. Prior to the start of any utility installation, Contractors are to accurately field measure locations and elevations of existing utility lines at proposed connection. Contractors are to immediately notify the Engineer of any deviations from the plan information.

2. These plans are based on information available at the time they were prepared. Actual conditions determined later may vary. Sound engineering judgment should be exercised during construction to assure that the design is compatible with the actual conditions.

3. Three days prior to the commencement of any construction activity, the Contractor shall notify all utility companies and the Pennsylvania One Call System (1-800-242-1776 or 811) of the pending construction. Please reference PA One Call Serial No. 20223211465-000.

4. Do not interfere with the operation of any fire hydrants, fire call box, or police call box.

5. Survey provided by MDM, Inc. dated December, 2022.



**Legend:**

- Landscaping

Existing Concrete Wall to Remain, Typ.  
 Property Line, Typ.  
 Remove Existing Stairs, Infill Wall.

- UTILITY PLAN KEYNOTES:**
- Existing 8" Sewer Tap Factory Active to remain. Tie new sanitary into this line at about 5-feet out from building face.
  - New Storm Tap, 8-inch PVC to 15-8-15 Cut in Wye, with Fernco fittings. See PWSA Detail ST-7 on drawing C502. Upstream Invert out of Building 922.50. Downstream Invert into existing sewer, 912.25, length 27.81 ft.
  - Existing Gas Service location.
  - Existing 4-inch Water Tap to be terminated. See Detail WS-STL on Drawing C502.
  - New Waterlines. 6" Tap of 8" Water Main with 6" tap continuing straight for Fire. At curb line, tee off of 6" with a 4" to feed separate Domestic Service. Meters and backflow preventers to be located inside the building. See PWSA Details on C501.
  - New Pad Mounted Transformer. See DLCO Drawings, and see Details 1, and 2 on C502.



**DESNONE ARCHITECTS**

**PITTSBURGH:**  
 ONE DOUGHOY SQUARE  
 3400 BUTLER STREET  
 PITTSBURGH  
 PENNSYLVANIA, 15201  
 TEL : 412. 683. 3230  
 FAX : 412. 683. 3563

**MORGANTOWN:**  
 265 HIGH STREET  
 SUITE 7  
 MORGANTOWN  
 WEST VIRGINIA, 26505  
 TEL : 304. 602. 7880  
 FAX : 304. 212. 5393

www.desmone.com

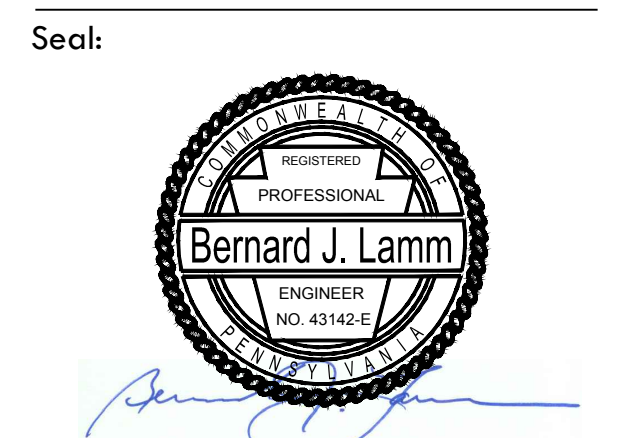
**Common Ground**  
 Emergent Regenerative Design

Civil  
 Structural  
 Environmental

10300 Old Babcock Boulevard  
 Gibsonia, PA 15044  
 724-799-6060  
 www.discovercommonground.com

New Apartments  
 for  
**Miller School Residences**

335 Miller Street  
 Pittsburgh, PA 15219



Revisions:

- 1 Added Transformer and Screen Fence

Date:  
**01.24.2023**

Project Number:  
**5093**

Owner / Client:  
**Miller Residences, LLC**

Drawing Title:  
**Site Utility Plan**

Scale: 1" = 10'  
 Drawing Number:  
**C500**

© Desmone Architects 2023

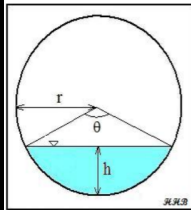


**Sewage Facilities Planning Module**  
**Chapter 94 Consistency Determination**  
**Hydraulic Calculations Spreadsheet for Flow Monitoring**

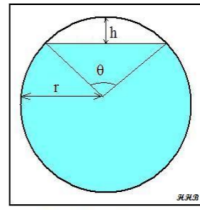
**PROJECT NAME:** Miller School Residences  
**PWSA PROJECT NUMBER:** DEV-175-0922\_SFPM-65-1122  
**PWSA REVIEWER:**  
**DATE:** January 23, 2023

**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 <sup>3</sup>	Volumetric flowrate
n	Unitless	Manning Roughness Coeff.
A	ft <sup>2</sup>	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

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

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

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

**Section B: Data for Calculations**

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

Proposed Project Flows		
Variable	Value	Units
Q <sub>p</sub>	7,150	gpd

Variable	Value	Units
Material	VCP	
n	0.015	unitless
S	0.073	ft/ft
h	0.048	ft
D	1.25	ft
P.F.	3.5	unitless

Material	n
PVC	0.010
DIP	0.012
RCP	0.013
VCP	0.015
Brick	0.016

**Section C: Calculations for Design and/or Permitted Capacities**



Variable	Description	Definition
Q <sub>d, avg</sub>	Design Capacity, Average	= full pipe flow conditions / peaking factor
Q <sub>d, peak</sub>	Design Capacity, Peak	full pipe flow conditions

Design Capacity, Average		
Variable	Value	Unit
Q <sub>d, avg</sub>	2,806,517	gpd

Design Capacity, Peak		
Variable	Value	Unit
D	1.250	ft
r	0.625	ft
A	1.227	ft <sup>2</sup>
P	3.927	ft
R	0.313	ft
Q <sub>d, peak</sub>	15	cfs
Q <sub>d, peak</sub>	9,822,810	gpd

#### Section D: Calculations for Present Flows

Variable	Description	Definition
Q <sub>ex, avg</sub>	Present Flows, Average	determined via flow monitoring data
Q <sub>ex, peak</sub>	Present Flows, Peak	determined via flow monitoring data

Present Flows, Average		
Variable	Value	Unit
Q <sub>ex, avg</sub>	13,000	gpd

Present Flows, Peak		
Variable	Value	Unit
Q <sub>ex, peak</sub>	60,000	gpd

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

Variable	Description	Definition
Q <sub>proj, avg</sub>	Projected Flows in Five (5) Years, Average	= Q <sub>proj, peak</sub> ÷ P.F.
Q <sub>proj, peak</sub>	Projected Flows in Five (5) Years, Peak	= (Q <sub>ex, peak</sub> + Q <sub>p</sub> ) x 1.05

Projected Flow Calculations		
Variable	Value	Unit
Q <sub>proj, avg</sub>	20,145	gpd
Q <sub>proj, peak</sub>	70,508	gpd

#### Section F: Compare Results with Applicant's Submission

Variable	PWSA, gpd	Applicant, gpd	Difference, gpd	Difference, %
Q <sub>d, avg</sub>	2,806,517	2,806,517	0	0%
Q <sub>d, peak</sub>	9,822,810	9,822,810	0	0%
Q <sub>ex, avg</sub>	13,000	13,000	0	0%
Q <sub>ex, peak</sub>	60,000	60,000	0	0%
Q <sub>proj, avg</sub>	20,145	20,145	0	0%
Q <sub>proj, peak</sub>	70,508	70,508	0	0%



## INSTRUCTIONS FOR COMPLETING COMPONENT 4A MUNICIPAL PLANNING AGENCY REVIEW

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

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### Background

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

### Who Should Complete the Component?

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

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

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

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

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#### **Section A. Project Name**

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

#### **Section B. Review Schedule**

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

#### **Section C. Agency Review**

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

#### **Section D. Additional Comments**

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





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER

DEP Code #: \_\_\_\_\_

**SEWAGE FACILITIES PLANNING MODULE  
COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW**

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

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

Project Name  
Miller School Residences

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

- Date plan received by municipal planning agency 2/17/2023
- Date review completed by agency 2/21/2023

**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>2/21/2023</u> Name of Municipal Planning Agency: <u>City of Pittsburgh Department of City Planning</u> Address <u>100 Ross St, Suite 202, Pittsburgh, PA 15219</u> Telephone Number: <u>412-522-6551</u>		

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

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

The planning agency must complete this component within 60 days.

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



COUNTY OF



ALLEGHENY

RICH FITZGERALD  
COUNTY EXECUTIVE

March 8, 2023

Carma Lamm, Designer, Common Ground  
10500 Old Babcock Boulevard  
Gibsonia, PA 15044

**RE: SEWAGE FACILITIES PLANNING MODULE; ALLEGHENY COUNTY  
Miller School Residences, City of Pittsburgh**

Dear Carma Lamm:

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 February 21, 2023. The project proposes the following:

Project Description:	The proposed Miller School Residences includes an adaptive reuse of an existing school building, which closed in 2006, to create a 41-unit apartment building, along with flex fitness areas and bike storage for residents.
Sewage Flow:	7,150 GPD
Conveyance:	Conveyance is a private lateral to a 15" PWSA owned combination sanitary sewer in Foreside Place to the Monongahela interceptor at M-05-00, and the ALCOSAN Woods Run Treatment Plant.
Sewer's Owner:	PWSA
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.



DEBRA BOGEN, MD, FAAP, FABM, DIRECTOR  
ALLEGHENY COUNTY HEALTH DEPARTMENT

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

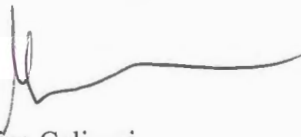


Ms. Carma Lamm  
March 8, 2023  
Page 2

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, please contact Drew Grese, Plumbing Program Manager at 412-578-8055.

The ACHD has no objection to the approval of this project. If you have any questions, please call me at 412-578-8388.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gina Caliguri', with a long horizontal flourish extending to the right.

Gina Caliguri  
Environmental Health Administrator II/Compliance Officer  
Water Pollution Control & Solid Waste Management

Enclosure

cc: Mahbuba Iasmin, PA Department of Environmental Protection w/attachment  
Drew Grese, ACHD w/attachment





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

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

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### Background

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

### Who Should Complete the Component?

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

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

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

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

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#### **Section A. Project Name**

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

#### **Section B. Review Schedule**

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

#### **Section C. Agency Review**

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

#### **Section D. Additional Comments**

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



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

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

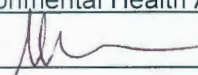
**SECTION A. PROJECT NAME** (See Section A of instructions)

Project Name  
 Miller School Residences

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

1. Date plan received by county or joint county health department 3/1/2023  
 Agency name Allegheny County Health Department (ACHD)
2. Date review completed by agency 3/7/2023

**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?<br>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?<br>If yes, describe _____   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 3. Is there any known groundwater degradation in the area of this proposal?<br>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. Please see attached letter.</u>  |
|                                     |                                     | 5. Name, title and signature of person completing this section:<br>Name: <u>Gina Caliguri</u><br>Title: <u>Environmental Health Administrator II/Compliance Officer</u><br>Signature: <br>Date: <u>3/8/2023</u><br>Name of County Health Department: <u>Allegheny County Health Department</u><br>Address: <u>3901 Penn Avenue, Building #5, Pittsburgh, PA 15224</u><br>Telephone Number: <u>412-578-8388</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.



# Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

March 3, 2023

Carma Lamm  
Common Ground  
10500 Old Babcock Boulevard  
Gibsonia PA 15044

RE: ER Project # 2023PR00873.001, Miller School Residences, Department of Environmental Protection, Pittsburgh City, Allegheny County

Dear Carma Lamm:

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

## **Above Ground Resources**

*No Above Ground Concerns - Environmental Review - SHPO Sends Above Ground Comments*

Based on the information provided, we are of the opinion this rehabilitation project should have no adverse effect upon the Miller Elementary School. The project has been reviewed by the tax credit staff and has been determined to meet the Secretary of the Interior's Standards for Rehabilitation with conditions. If the project being submitted for RITC review is different from the project receiving a DEP permit or if RITC funding should not be pursued, it will be necessary to resubmit the project to our office for environmental review.

For questions concerning above ground resources, please contact Barbara Frederick at [bafrederic@pa.gov](mailto:bafrederic@pa.gov).

## **Archaeological Resources**

*No Archaeological Concerns - Environmental Review - No Effect - Archaeological*

Based on the information received and available in our files, in our opinion, the proposed project should have No Effect on archaeological resources. Our analysis indicates that archaeological resources are potentially located in this project area. Should the scope of the project be amended to include additional ground-disturbing activity and/or should you be made aware of historic property concerns, you will need to reinitiate consultation with



our office using PA-SHARE.

For questions concerning archaeological resources, please contact Kristen Walczesky at [kwalczesky@pa.gov](mailto:kwalczesky@pa.gov).

Sincerely,

A handwritten signature in black ink that reads "Emma Diehl". The signature is written in a cursive style with a long horizontal flourish at the end.

Emma Diehl  
Environmental Review Division Manager

## 1. PROJECT INFORMATION

Project Name: **Miller School residences**

Date of Review: **1/25/2023 06:47:59 PM**

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

Project Area: **0.90 acres**

County(s): **Allegheny**

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

ZIP Code:

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

Watersheds HUC 8: **Lower Monongahela**

Watersheds HUC 12: **Streets Run-Monongahela River**

Decimal Degrees: **40.440703, -79.983599**

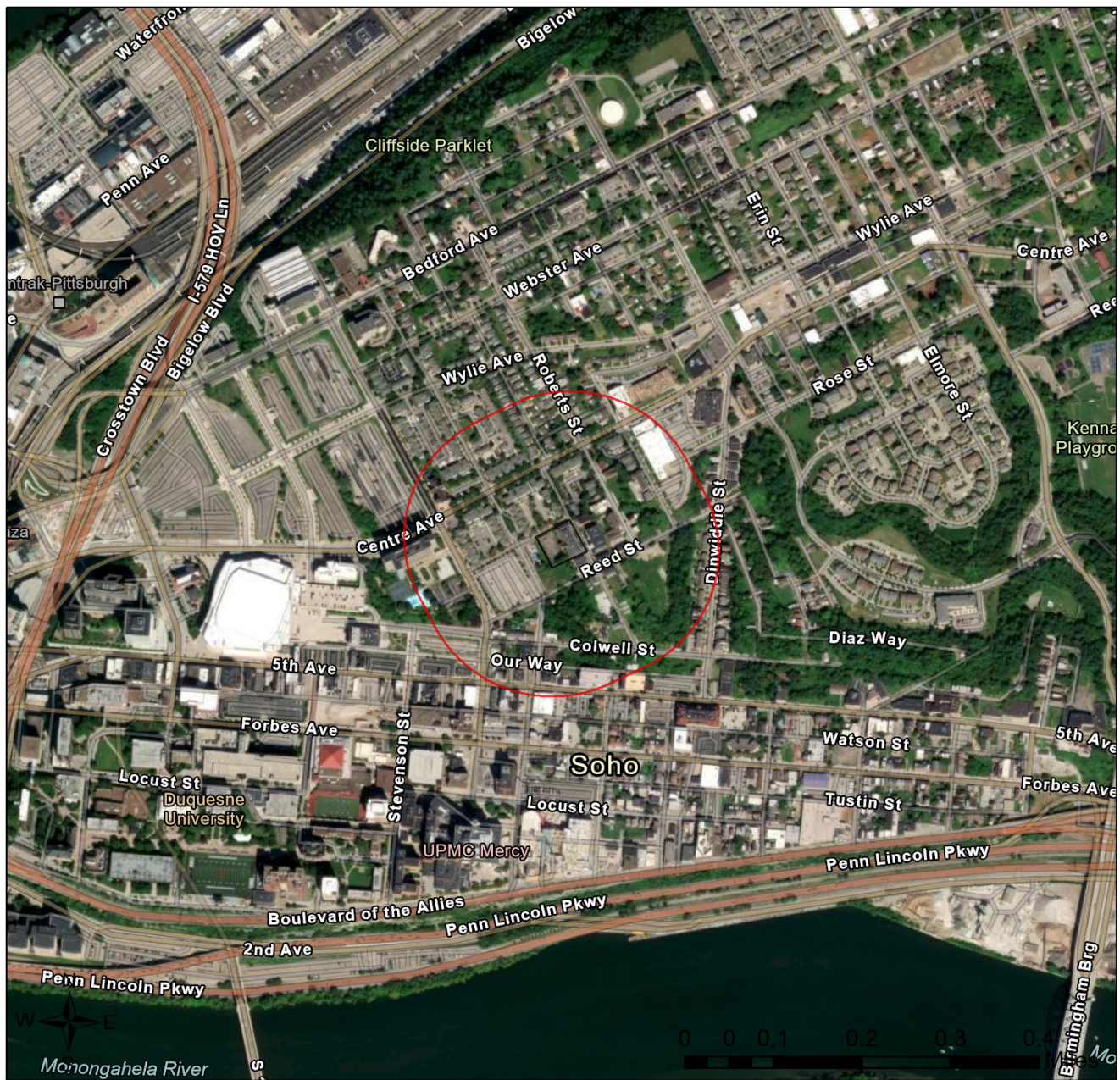
Degrees Minutes Seconds: **40° 26' 26.5300" N, 79° 59' 0.9553" W**

## 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.

### Miller School residences



- Buffered Project Boundary
- Project Boundary





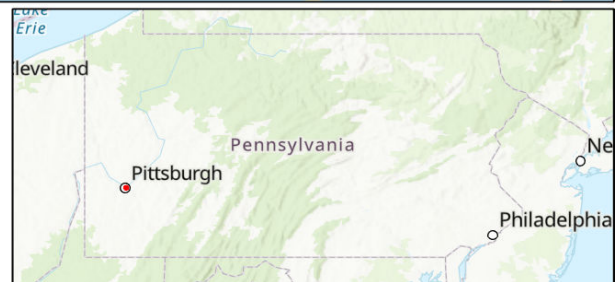
Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community



### Miller School residences



-  Buffered Project Boundary
-  Project Boundary



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

## RESPONSE TO QUESTION(S) ASKED

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

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

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

**Your answer is:** No

### 3. AGENCY COMMENTS

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

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

#### PA Game Commission

##### RESPONSE:

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

#### PA Department of Conservation and Natural Resources

##### RESPONSE:

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

#### PA Fish and Boat Commission

##### RESPONSE:

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

#### U.S. Fish and Wildlife Service

##### RESPONSE:

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

## 4. DEP INFORMATION

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





## 5. ADDITIONAL INFORMATION

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

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page ([www.naturalheritage.state.pa.us](http://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](mailto: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](mailto: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](mailto:IR1_ESPenn@fws.gov)  
NO Faxes Please

### PA Game Commission

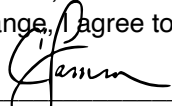
Bureau of Wildlife Management  
Division of Environmental Review  
2001 Elmerton Avenue, Harrisburg, PA 17110-9797  
Email: [RA-PGC\\_PNDI@pa.gov](mailto:RA-PGC_PNDI@pa.gov)  
NO Faxes Please

## 7. PROJECT CONTACT INFORMATION

Name: Carma Lamm  
Company/Business Name: Common Ground  
Address: 10500 Old Babcock Blvd  
City, State, Zip: Gibsonia, PA 15044  
Phone: 724-799-6061 Fax: ( )  
Email: carma@discovercommonground.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

January 25, 2023

\_\_\_\_\_  
date