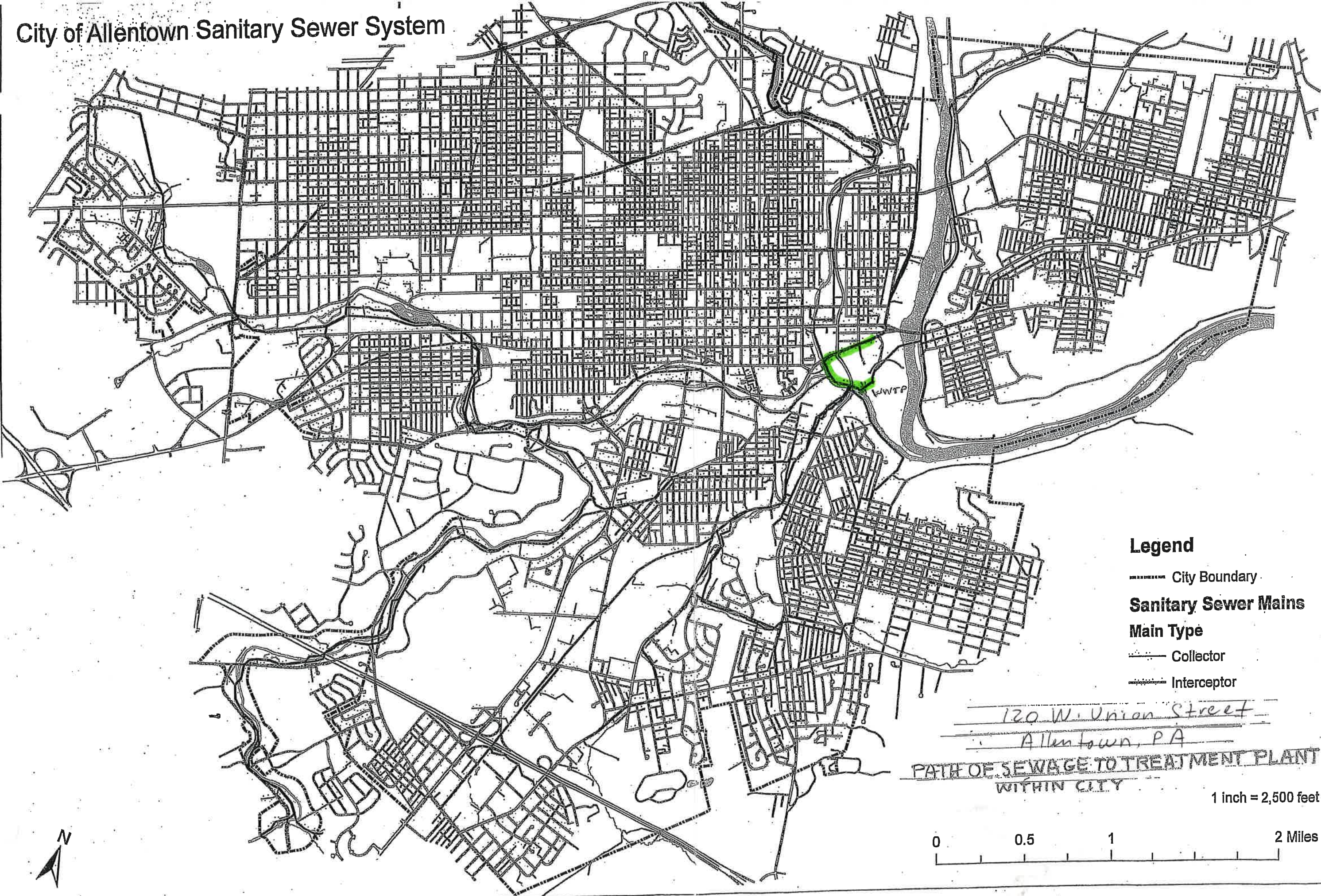


City of Allentown Sanitary Sewer System



Legend

City Boundary

Sanitary Sewer Mains

Main Type

Collector

Interceptor

120 W. Union Street
Allentown, PA
PATH OF SEWAGE TO TREATMENT PLANT
WITHIN CITY

1 inch = 2,500 feet

0 0.5 1 2 Miles

PROJECT NARRATIVE

- 1. Indicate the nature of the development project. (Residential, Commercial, Institutional, Industrial, etc.) If the project is commercial, institutional or industrial, describe the activity, such as light manufacturing, private hospital, or heavy manufacturing.**

The existing 6.13Ac lot will consist of single 16,000sf building containing 3,000sf of storage and a 3,000sf office space. The use is classified as industrial but will ultimately be used as a mechanic's shop for Great Western Services truck fleet. The area to the west of the train tracks will be demolished and the area restored to a landscape condition.

- 2. The number of lots or EDUs in the development project.**

The site will remain as a single lot and will generate 957 gpd or 3 EDUs (1EDU = 335gpd) of sanitary sewage flows. This flow is consistent with another facility Great Western operates for the same purpose and of the same scale.

- 3. Describe the proposed sewage disposal method (municipal treatment facility, package plant, etc.) including a description of collection and conveyance facilities, if applicable. Include a general map showing the path of the sewage to the treatment facility.**

The proposed disposal method for this project is to connect to the existing sanitary sewer infrastructure within Union Street and convey the flow to the Kline's Island Waste Water Treatment Plans (WWTP).

Conveyance:

The sewage flows will be conveyed to an existing gravity line in Union Street. There is a single point of connection from this site.

Treatment:

As mentioned before the sewage flows from this site will flow to the Kline's Island Waste Water Treatment Plant (WWTP) NPDES No. PA 0051985 A-2. The WWTP is operated by Horsham Water & Sewer Authority.

- 4. Specify the projected population to be served and sewage flows in gpd and how these figures were calculated.**

The generation of sewer flows is as noted above at 957gpd. This flow is consistent with the flow from another facility Great Western operates that is used for the same purpose.

- 5. Describe the location of the discharge, disposal point or land application, if applicable.**

The discharge from this site is to an sanitary sewer within Union Street that is 30 inch reinforced concrete pipe.

- 6. List the total acreage of the proposed land development project.**

The total acreage of the overall site is 6.13Ac.

- 7. Describe the use of any acreage or parcels under the same ownership and adjacent to the property. (Such as: for future development, recreational, agriculture, open space, etc.) If the land is proposed for future development, or is part of a phased project, determine if there will be adequate sewage disposal facilities to serve those phases.**

There is no acreage or parcels adjacent to the site that are owned by 120-160 Union Street, LLC. As such there will be no future development of an adjacent parcel by this owner.

- 8. Provide information on any previous Act 537 planning completed for the site and any other information that the applicant believes is important for the Department's review of the project.**

There has been no known sewer prior sewer planning for this site. There are no wetlands located on site however there is contamination which makes on lot absorption undesirable due to the added the risk of spreading the contaminants.

Wetland Considerations

There are no wetlands on this site. As such no additional permitting for crossing this feature is required.

ALTERNATIVE ANALYSIS

- 1. Describe the chosen disposal method, its location, the daily flow proposed and if the method is an interim method (to be replaced by the ultimate method in 5 years or less), or is an ultimate method (to serve the development in the long term, for 5 years or more). Provide a description of how the chosen method will provide compliance with effluent limitations. Also provide the number of lots or EDU"s that will be served.**

The chosen method of disposal is to convey the sewage to the Kline's Island Waste Water Treatment Plant (WWTP). The treatment plant is operated by Lehigh County Authority (LCA.) Onsite improvements are limited to a connection to the existing sanitary main within Union Street and will be paid for by the Developer. There are no proposed interim conditions for the sanitary sewer. The location of the ultimate discharge point from this site is to the existing sanitary main within Union Street. This site will discharge 3 EDUs.

- 2. Describe the types of land uses adjacent to the project area (Agricultural, Residential, Commercial etc.) and the type of sewage disposal method serving each of those land uses. Properties adjacent to the project must be described by indicating present land uses and zoning designations. Describe the sewage disposal methods being used for each of those adjacent land uses (onlot, municipal treatment, etc.) and if those methods are intended for interim or ultimate use.**

There are multiple existing land uses adjacent to the site are either commercial or industrial in nature. Properties to the north, east and south are zoned I2 for limited industrial uses. It should be noted that the Kline's Island WWTP is located to the east of the site. The area to the west, across Union Street is zoned B5 for urban commercial uses. The surrounding properties are currently acting in accordance with their corresponding zoning designations.

All of the adjoining parcels are served via City of Allentown (City or COA) and LCA public sewer. With this project there is no change planned on how the adjacent lot's sewage is treated.

- 3. Indicate if the sewage facilities described in (2) are in need of improvement due to noncompliance with effluent limitations, high rates of onlot malfunction or overloaded public sewers. Is there a potential for a combined public/private project? If any of the sewage facilities described above are in need of improvement in order to attain or maintain compliance with effluent limitations (including Nitrogen and Phosphorus cap loads, where appropriate), overloaded treatment facilities or high onlot malfunction rates, a combined sewage disposal alternative that proposes to upgrade or construct facilities to serve these needs areas as well as the proposed project area may be more viable than a method intended to serve only the current project.**

There are no planned improvements to the adjacent lots as part of this project.

- 4. Determine and indicate what sewage disposal method is proposed for the development area in the municipality's Official Sewage Facilities Plan (such as: onlot disposal systems, public sewers, etc.).**

It is our understanding that there is no sewerage flow accounted for this site in the City's Act 537 plan. The existing buildings on site have been vacant for some time and haven't been discharging anything to the public sewer since their vacation.

- 5. Describe any existing sewage management program(s) in the area, and/or any sewage management program(s) that this project would be required to participate in, and that program's requirements.**

This project is not required to participate in any sewage management program since all sewage flows are to be treated at LCA's Kline's Island WWTP. Since this site will connect to a public sewer system, this sewage facilities planning module will be a revision to the City's Act 537 plan. The site was previously treated by public sewer before the existing buildings were vacated. So there is no new additional planned sewer service area.

- 6. Any new or expanded point source discharges which are proposed in the Chesapeake Bay watershed, must not add to amount of nutrients discharging to the Bay waters. This is known as a nutrient cap load.**

This project does not discharge in the Chesapeake Bay.

- 7. Describe any potential alternative sewage disposal methods that are available for the project. Consider all reasonable possibilities for sewage disposal, such as a stream discharge or an alternate method of land disposal. The municipality, delegated local agency or DEP may also require consideration of particular types of sewage disposal methods in the analysis. The chosen method must assure that applicable water quality standards are attained.**

Contamination has been found on site and is the reason onlot disposal is not feasible. There is concern that contaminants could be transported off site to neighboring properties if onlot disposal is provided. A package WWTP that would serve only this site is a not viable alternative given the constrained nature of the site. There are train tracks that bisect the site which no utilities can cross. There isn't sufficient area where the development is proposed to provide both a WWTP and a proper disposal area. In addition, the administrative requirements for these facilities are not feasible given the proximity of the site to existing sanitary sewer facilities and since this site is operated by a single user.

The most feasible and practical alternative is to connect to the existing sewage facilities. Per coordination with COA and LCA there doesn't appear to be any issues with overloading of the sanitary sewer system within the next 5 years when the flow from this site is added to the other existing flows already discharging to the system.

- 8. Describe why the proposed method was chosen over any of the other methods described in the alternatives analysis. Environmental, administrative, and financial concerns may be addressed. Also indicate how the chosen method will guarantee adequate sewage disposal, including compliance with applicable water quality standards and effluent limitations, for the development in both the short-term (up to 5 years) and long-term (beyond 5 years) by describing the adequacy of the proposed facilities (organic and hydraulic loading) and the ability of the facility to accept additional flows or loads.**

The alternative chosen to direct flows to the Kline's Island WWTP was chosen as it is the most feasible from an environmental, financial and administrative perspective to ensure that water quality is maintained. The proposed method, connecting to the existing sanitary system that discharges to the Kline's Island WWTP, is the most feasible since the cost to construct and maintain a sanitary lateral and connection to the existing sanitary main is significantly less than the cost for the construction, operation and maintenance of a WWTP. Additionally, since this site is operated by a single user that doesn't generate a lot of flow there is less risk to the environment if the sewage flows can be directed to an established facility that is better able to deal with the water quality standards.

- 9. Indicate who will be the owner of the facility, and who will be responsible for operation and maintenance of the facility and ultimately compliance with applicable water quality standards and effluent limitations. To assure adequate long-term sewage disposal for the project, the disposal system must be properly operated and maintained. The applicant must indicate in the analysis who will be the owner of the facility and who will be responsible for the operation and maintenance of the facility. This may be a private individual, a municipality, a sewer authority or a management agency; however, the ultimate responsibility lies with the municipality. The delegated local agency or DEP may require a more extensive analysis of the available choices relative to ownership and operation of the facility. If the project will be required to participate in an EXISTING municipal sewage management program or if a sewage management program is to be created, describe the program's requirements.**

The owner of the sanitary lateral will be the property owner. Ultimately LCA has the responsibility for maintaining water quality since the sewage flows from this site flow to the Kline's Island WWTP which is operated by LCA.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

**TRANSMITTAL LETTER
FOR SEWAGE FACILITIES PLANNING MODULE**

DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) USE ONLY				
DEP CODE # 12-39001219-3	CLIENT ID #	SITE ID #	APS ID #	AUTH. ID #

TO: Approving Agency (DEP or delegated local agency)

Date _____

PADEP - Northeast Regional Office

2 Public Square

Wilkes-Barre, PA 18711-0790

Dear Sir/Madam:

Bohler Engineering PA, LLC

Attached please find a completed sewage facilities planning module prepared by c/o Jason Korczak, P.E.

(Name)

Project Manager

(Title)

for 120-160 Union Street, LLC

(Name)

a subdivision, commercial, or industrial facility located in the City of Allentown, Lehigh

County.

(City, Borough, Township)

Check one

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

OR

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

Check Boxes

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

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

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

Municipal Secretary (print)

Signature

Date



RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (COMMISSIONERS) (COUNCILMEN) of Allentown
(TOWNSHIP) (BOROUGH) (CITY), Lehigh COUNTY, PENNSYLVANIA (hereinafter "the municipality").

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

WHEREAS 120-160 Union Street, LLC has proposed the development of a parcel of land identified as
land developer

Proposed Industrial Development, and described in the attached Sewage Facilities Planning Module, and
name of subdivision

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

WHEREAS, the City of Allentown finds that the subdivision described in the attached
municipality

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

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

I _____, Secretary, Allentown
(Signature)

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

Municipal Address:

City of Allentown
435 Hamilton Street
Allentown, PA 18101
Telephone (610) 437-7539

Seal of
Governing Body

Form



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

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 Proposed Industrial Development

2. Brief Project Description 120-160 Union Street, LLC. is proposing to develop the existing 6.13 Ac site with an industrial use facility consisting of a 3,000 S.F. office, a 10,000 S.F. shop, and a 3,000 S.F. storage facility. The proposed development includes the necessary driveways, parking, utilities, landscaping and proposed storm water management controls to support the facility.

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

Municipality Name	County	City	Boro	Twp
City of Allentown	Lehigh	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Woodward	Irene		AICP	Director of Planning
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1		Mailing Address Line 2		
435 Hamilton Street				
Address Last Line -- City		State	ZIP+4	
Allentown		PA	18101-1699	
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
(610) 437-7611	(610) 437-8781	irene.woodward@allentownpa.gov		

C. SITE INFORMATION (See Section C of instructions)

ite (Land Development or Project) Name

Proposed Industrial Development

Site Location Line 1
120 West Union Street

Site Location Line 2

Site Location Last Line -- City
Allentown

State
PA

ZIP+4
18102

Latitude
40.60

Longitude
-75.46

Detailed Written Directions to Site Starting on PA Rt 309 North, take exit to get on PA Rt 145 North (towards South 4th Street). Continue on Rt 145 North for 2.9 mi to where Rt 145 turns into South 4th Street. Continue on South 4th Street for 0.4 miles to where South 4th Street turns into Basin Street. Continue on Basin Street for 0.5 miles to where Basin Street Turns into South 3rd Street. Continue on South 3rd Street for 0.1 miles. Turn Right onto Union Street. The destination will be on the right ahead 0.2 miles.

Description of Site The site currently consists of four (4) vacant buildings, deteriorated pavement, wooded and grass areas. Train Tracks bisect the site as well which are no longer in use but are still owned by the railroad company.

Site Contact (Developer/Owner)

Last Name

First Name

MI

Suffix

Phone

Ext.

Meehan

Austin

(610) 439-3105

Site Contact Title

Site Contact Firm (if none, leave blank)

President

120-160 Union Street, LLC

FAX

Email

ameehan@ulscorp.com

Mailing Address Line 1

Mailing Address Line 2

1302 Conshohocken Street

Mailing Address Last Line -- City

State

ZIP+4

Conshohocken

PA

19428-1035

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

Last Name

First Name

MI

Suffix

Korczak

Jason

R

P.E.

Title

Consulting Firm Name

Project Manager

Bohler Engineering PA, LLC

Mailing Address Line 1

Mailing Address Line 2

1600 Manor Drive

Suite 200

Address Last Line -- City

State

ZIP+4

Country

Chalfont

PA

18914

Bucks

Email

Area Code + Phone

Ext.

Area Code + FAX

jkorczak@bohlereng.com

(215) 996-9100

2154

(215) 996-9102

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: Lehigh County Authority, Agent for City of Allentown

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 1

Name of:

existing collection or conveyance system Allentown

owner City of Allentown

existing interceptor Jordan Creek Interceptor

owner City of Allentown

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 Kline's Island WWTP

NPDES Permit Number for existing facility PA-0026000

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 Kline's Island 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 City of Allentown, Lehigh County Authority, Agent

Name of Responsible Agent Liesel M. Gross

Agent Signature  Date 8/27/19

(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. | j. Any designated recreational or open space area. |
| b. Lot lines and lot sizes. | k. Wetlands - from National Wetland Inventory Mapping and USGS Hydric Soils Mapping. |
| c. Adjacent lots. | l. Flood plains or Flood prone areas, floodways, (Federal Flood Insurance Mapping) |
| d. Remainder of tract. | m. Prime Agricultural Land. |
| 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. | n. Any other facilities (pipelines, power lines, etc.) |
| f. Show tap-in or extension to the point of connection to existing collection system (if applicable). | o. Orientation to north. |
| g. Existing and proposed water supplies and surface water (wells, springs, ponds, streams, etc.) | p. Locations of all site testing activities (soil profile test pits, slope measurements, permeability test sites, background sampling, etc. (if applicable)). |
| h. Existing and proposed rights-of-way. | q. Soils types and boundaries when a land based system is proposed. |
| i. Existing and proposed buildings, streets, roadways, access roads, etc. | 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 957 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) MGD		b. Present Flows (gpd) MGD		c. Projected Flows in 5 years (gpd) MGD (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
Collection	<u>Discharges into interceptor</u>					
Conveyance	<u>58</u>	<u>81</u>	<u>30</u>	<u>78⁽¹⁾</u>	<u>31</u>	<u>80⁽¹⁾</u>
Treatment	<u>40</u>	<u>52</u>	<u>32.3</u>	<u>40</u>	<u>33.4</u>	<u>42</u>

3. Collection and Conveyance Facilities (1) PEAK HOURLY FLOW - ESTIMATED

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 City of Allentown, Lehigh County Authority, Agent

Name of Responsible Agent Liesel M. Gross

Agent Signature  Date 8/27/19

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

c. Conveyance System

Name of Agency, Authority, Municipality City of Allentown, Lehigh County Authority, Agent

Name of Responsible Agent Liesel M. Gross

Agent Signature 

Date 8/27/19

4. Treatment Facility

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

YES NO

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

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

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

- b. Name of Agency, Authority, Municipality City of Allentown, Lehigh County Authority, Agent

Name of Responsible Agent Liesel M. Gross

Agent Signature 

Date 8/27/19

☐ **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.

Jason Korczak, P.E.

Name (Print)

Project Manager

Title

1600 Manor Drive, Suite 200, Chalfont, PA 18914

Address



Signature

7/26/19

Date

(215) 996-9100

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)

Estimate of Average Daily Water Usage

Project Name: Proposed Industrial Development

Description: Projected Water Usage Based on Existing Facility

Existing Facility Description

Location: 241 South 3rd Street, Allentown, PA

Average Daily Usage Calculation - Water Meter

Usage Month Ending	Usage Days	Total Usage (gallons)	Average Usage (gpd)
Mar-18	92	24,193	263
Jun-18	92	138,670	1,507
Sep-18	86	95,079	1,106
Dec-18	96	92,236	961

TOTALS	366	350,178	957
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Average Daily Usage Calculation - Pro-Rated

957	Average daily usage the an existing facility
3	Number of EDU's required (1EDU = 335gpd)

Note: The proposed facility will have the same number of employees as the existing facility. As such it is no additional flow is anticipated from this facility.



LEHIGH COUNTY AUTHORITY
PO BOX 3758
ALLENTOWN, PA 18106-0758

1130

For LCA Customer Service Call: 610-437-7515.
LCA Allentown Division - Water / Sewer Bill

LCA0315A MIXED AADC 604
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GREAT WESTERN SERVICES
1302 CONSHOHOCKEN RD #100
CONSHOHOCKEN PA 19428-1035

CONSUMPTION HISTORY

12/04/2017	08/28/2017	06/05/2017	03/01/2017
84,249	82,578	63,008	37,255

NEW CHARGES

LCA Service Description W=Water; S=Sewer; F=Fee	Charge
W ALLENTOWN - COMMERCIAL - VOLUM	81.75
W ALLENTOWN - COMMERCIAL - FIXED	27.48
W ALLENTOWN CAPITAL COST - WATER	5.28
S ALLENTOWN WW - COMMERCIAL - FL	58.93
S ALLENTOWN WW - COMMERCIAL - FI	9.54
S ALLENTOWN CAPITAL COST - SEWER	1.18
S ALLENTOWN ADMIN ORDER - SEWER	0.75

TOTAL NEW CHARGES

\$ 184.91

ACCOUNT INFORMATION

Statement Date: 03/15/2018
Account Number: 35711
Bill Number: 1427408
Service To: 241 S 3RD ST
ALLENTOWN, PA 18102
Due Date: 04/10/2018

Amount Due Now: \$ 213.73

BILLING SUMMARY

Days in Bill Cycle 92
Total New Charges: \$ 184.91
Previous Balance: 541.47
Penalties: 28.82
Payments: 541.47
Total Amount Due: \$ 213.73

TOTAL PAYMENT DUE BY 04/10/2018 \$ 213.73

CURRENT METER INFORMATION

Service Dates		Meter Readings			Volume (Gallons)	Billed Usage (Gallons)
From	To	Previous	Current	Type		
12/04/2017	03/06/2018	801,801	825,994	ACTUAL	24,193	24,193

SPECIAL MESSAGE

IMPORTANT NOTICE ABOUT NEW CHARGES SHOWN ON YOUR BILL:

System improvements have been completed and are included in your bill as follows:
Capital Cost - Water - 4.0 miles of water main replaced in 2016 at a total cost of \$6.2 million. Rate = \$0.12526 per 1000 gallons.

As new projects are completed each year, costs are added to the calculation of the "Capital Cost" charges shown on your bill. The complete rate schedule is shown on the enclosed notice. Please contact us with any questions about your 2018 water and sewer rates.

ENTERED



LEHIGH COUNTY AUTHORITY
PO BOX 3758
ALLENTOWN, PA 18106-0758

1130

For LCA Customer Service Call: 610-437-7515.
LCA Allentown Division - Water / Sewer Bill

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GREAT WESTERN SERVICES
1302 CONSHOHOCKEN RD #100
CONSHOHOCKEN PA 19428-1035

CONSUMPTION HISTORY

03/06/2018	12/04/2017	08/28/2017	06/05/2017
24,193	84,249	82,578	63,008

NEW CHARGES

LCA Service Description W=Water; S=Sewer; F=Fee	Charge
W ALLENTOWN - COMMERCIAL - VOLUM	474.26
W ALLENTOWN - COMMERCIAL - FIXED	27.85
W ALLENTOWN CAPITAL COST - WATER	30.28
S ALLENTOWN WW - COMMERCIAL - FL	341.72
S ALLENTOWN WW - COMMERCIAL - FI	9.66
S ALLENTOWN CAPITAL COST - SEWER	6.79
S ALLENTOWN ADMIN ORDER - SEWER	4.28

TOTAL NEW CHARGES

\$ 894.84

ACCOUNT INFORMATION

Statement Date: 06/15/2018
Account Number: 35711
Bill Number: 1485903
Service To: 241 S 3RD ST
ALLENTOWN, PA 18102

Due Date: 07/10/2018

Amount Due Now: \$ 894.84

BILLING SUMMARY

Days in Bill Cycle 92
Total New Charges: \$ 894.84
Previous Balance: 213.73
Penalties: 0.00
Payments: 213.73
Total Amount Due: \$ 894.84

TOTAL PAYMENT DUE BY 07/10/2018 \$ 894.84

CURRENT METER INFORMATION

Service Dates		Meter Readings			Volume (Gallons)	Billed Usage (Gallons)
From	To	Previous	Current	Type		
03/06/2018	06/06/2018	825,994	964,664	ACTUAL	138,870	138,870

SPECIAL MESSAGE

Important Information Enclosed!

Please see the enclosed newsletter for important customer information, including:

- Fats, Oils & Grease and "flushable" wipes can cause expensive repairs and headaches!

- How to find the most recent Water Quality Report for your area

- Important information about our annual water system flushing program

If you have questions about any of the information included in this newsletter, please contact LCA!

Este informe contiene informacion muy importante sobre se agua potable. Traduzcalo o riabile con alguien que lo intenda bien.



LEHIGH COUNTY AUTHORITY
PO BOX 3758
ALLENTOWN, PA 18106-0758

For LCA Customer Service Call: 610-437-7515.
LCA Allentown Division - Water / Sewer Bill

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GREAT WESTERN SERVICES
1302 CONSHOHOCKEN RD #100
CONSHOHOCKEN PA 19428-1035

CONSUMPTION HISTORY

06/06/2018	03/06/2018	12/04/2017	08/28/2017
138,670	24,193	84,249	82,578

NEW CHARGES

LCA Service Description W=Water; S=Sewer; F=Fee	Charge
W ALLENTOWN - COMMERCIAL - VOLUM	325.17
W ALLENTOWN - COMMERCIAL - FIXED	27.85
W ALLENTOWN CAPITAL COST - WATER	20.76
S ALLENTOWN WW - COMMERCIAL - FL	234.30
S ALLENTOWN WW - COMMERCIAL - FI	9.66
S ALLENTOWN CAPITAL COST - SEWER	4.65
S ALLENTOWN ADMIN ORDER - SEWER	2.93

TOTAL NEW CHARGES

\$ 625.32

ACCOUNT INFORMATION

Statement Date: 09/15/2018
Account Number: 35711
Bill Number: 1544876
Service To: 241 S 3RD ST
ALLENTOWN, PA 18102
Due Date: 10/10/2018

Amount Due Now: \$ 625.32

BILLING SUMMARY

Days in Bill Cycle 86
Total New Charges: \$ 625.32
Previous Balance: 894.84
Penalties: 44.73
Payments: 939.57

Total Amount Due: \$ 625.32

TOTAL PAYMENT DUE BY 10/10/2018 \$ 625.32

CURRENT METER INFORMATION

Service Dates		Meter Readings			Volume (Gallons)	Billed Usage (Gallons)
From	To	Previous	Current	Type		
06/06/2018	08/31/2018	964,664	1,059,743	ACTUAL	95,079	95,079

RECEIVED
SEP 21 2018
BY: _____

SPECIAL MESSAGE

Important Information Enclosed!

Please see the enclosed newsletter for important customer information and updates, including:

- Monthly billing for City of Allentown Customers
- Updating your contact information with us
- LCA site visit & after-hours fees
- Ways to save water this summer

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.



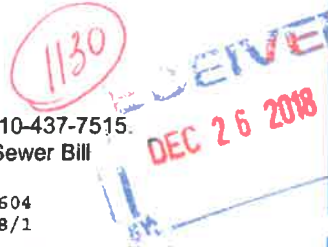
LEHIGH COUNTY AUTHORITY
PO BOX 3758
ALLENTOWN, PA 18106-0758

For LCA Customer Service Call: 610-437-7515.
LCA Allentown Division - Water / Sewer Bill

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GREAT WESTERN SERVICES
1302 CONSHOHOCKEN RD #100
CONSHOHOCKEN PA 19428-1035



ACCOUNT INFORMATION

Statement Date: 12/15/2018
Account Number: 35711
Bill Number: 1603556
Service To: 241 S 3RD ST
ALLENTOWN, PA 18102
Due Date: 01/10/2019

Amount Due Now: \$ 607.76

BILLING SUMMARY

Days in Bill Cycle 96
Total New Charges: \$ 607.76
Previous Balance: 625.32
Penalties: 0.00
Payments: 625.32
Total Amount Due: \$ 607.76

TOTAL PAYMENT DUE BY 01/10/2019 \$ 607.76

CONSUMPTION HISTORY

08/31/2018	06/06/2018	03/06/2018	12/04/2017
95,079	138,670	24,193	84,249

NEW CHARGES

LCA Service Description W=Water; S=Sewer; F=Fee	Charge
W ALLENTOWN - COMMERCIAL - VOLUM	315.45
W ALLENTOWN - COMMERCIAL - FIXED	27.85
W ALLENTOWN CAPITAL COST - WATER	20.14
S ALLENTOWN WW - COMMERCIAL - FL	227.29
S ALLENTOWN WW - COMMERCIAL - FI	9.66
S ALLENTOWN CAPITAL COST - SEWER	4.52
S ALLENTOWN ADMIN ORDER - SEWER	2.85

TOTAL NEW CHARGES \$ 607.76

CURRENT METER INFORMATION

Service Dates		Meter Readings			Volume (Gallons)	Billed Usage (Gallons)
From	To	Previous	Current	Type		
08/31/2018	12/05/2018	59,743	151,979	ACTUAL	92,236	92,236

SPECIAL MESSAGE

Important Information in the Enclosed Newsletter!

- Go Green & Pay Online
- LCA in Your Neighborhood
- Beware of Utility Imposters

If you have questions please contact LCA Customer Care at 610-437-7515.

Este informe contiene informacion muy importante sobre se facturación mensual.

Traduzcalo o hable con alguien que lo intenda bien.



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

Proposed Industrial Development

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

1. Date plan received by municipal planning agency 9/24/2019
2. Date review completed by agency 9/24/2019

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

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

SECTION C. AGENCY REVIEW (continued)

Yes	No	
<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>DAVID KIMMERLY, AICP</u>		
Title: <u>CHIEF PLANNER</u>		
Signature: <u>David Kimmerly</u>		
Date: <u>9/24/2019</u>		
Name of Municipal Planning Agency: <u>ALLENTOWN CITY PLANNING COMMISSION</u>		
Address: <u>435 HAMILTON ST. ALLENTOWN, PA 18101</u>		
Telephone Number: <u>610 437 7611</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.



Lehigh Valley Planning Commission

STEPHEN REPASCH
Chair

GREG ZEBROWSKI
Vice Chair

STEVEN GLICKMAN
Treasurer

BECKY A. BRADLEY, AICP
Executive Director

September 23, 2019

Mr. Jason Korczak, PE
Bohler Engineering
1600 Manor Drive, Suite 200
Chalfont, PA 18914

***Re: Act 537 Review - Sewage Facilities Planning Module for the 120-160 Union Street
Development in the City of Allentown, Lehigh County***

Dear Mr. Korczak:

The Lehigh Valley Planning Commission (LVPC) reviewed the above-referenced planning module according to the requirements of Act 537, the Pennsylvania Sewage Facilities Act. We offer the following comments.

This sewage facilities planning module is intended for a proposed 10,000 square foot mechanic's shop, with attached 3,000 square foot office and 3,000 square foot storage space on 6.13 acres. The development is proposed to be served by public sewage disposal. This sewage facilities planning module is consistent with the county comprehensive plan. According to the county plan, the proposed development is located in an area recommended for public sewer service.

Enclosed please find an executed Module Component 4b. Please call me if you have any questions regarding this review.

Sincerely,

Susan L. Rockwell
Senior Environmental Planner

Enclosure

cc: Irene Woodward, Director of Planning, City of Allentown
Robert Corby, PA Department of Environmental Protection



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

DEP Code #

SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4B - COUNTY PLANNING AGENCY REVIEW
(or Planning Agency with Areawide Jurisdiction)

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning package and one copy of this **Planning Agency Review Component** should be sent to the existing county planning agency or planning agency with areawide jurisdiction for their comments.

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

Project Name

120-160 Union Street LLC

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

1. Date plan received by county planning agency. ----
2. Date plan received by planning agency with areawide jurisdiction September 4, 2019
Agency name Lehigh Valley Planning Commission
3. Date review completed by agency September 23, 2019

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

- | Yes | No | |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Is there a county or areawide comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101 <i>et seq.</i>)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is this proposal consistent with the comprehensive plan for land use? <i>See attached Act 247 review letter dated 3/22/18</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Does this proposal meet the goals and objectives of the plan?
If no, describe goals and objectives that are not met ---- |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe inconsistency ---- |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Is this proposal consistent with the county or areawide comprehensive land use planning relative to Prime Agricultural Land Preservation?
If no, describe inconsistencies: ---- |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impact ---- |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Will any known historical or archeological resources be impacted by this project? <i>PHMC determination</i>
If yes, describe impacts ---- |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Will any known endangered or threatened species of plant or animal be impacted by the development project? <i>See PUDI results</i> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. Is there a county or areawide zoning ordinance? |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. Does this proposal meet the zoning requirements of the ordinance? <i>N/A</i>
If no, describe inconsistencies ---- |

Yes	No	SECTION C. AGENCY REVIEW (continued)
<input type="checkbox"/>	<input type="checkbox"/>	11. Have all applicable zoning approvals been obtained? <i>N/A</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. Is there a county or areawide subdivision and land development ordinance? <i>Not applicable to the City of Allentown</i>
<input type="checkbox"/>	<input type="checkbox"/>	13. Does this proposal meet the requirements of the ordinance? <i>N/A</i> If no, describe which requirements are not met ----
<input type="checkbox"/>	<input type="checkbox"/>	14. Is this proposal consistent with the municipal Act 537 Official Sewage Facilities Plan? <i>See municipal interpretation</i> If no, describe inconsistency ----
<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 type="checkbox"/>	16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision? <i>N/A</i>
<input type="checkbox"/>	<input type="checkbox"/>	If yes, is the proposed waiver consistent with applicable ordinances. If no, describe the inconsistencies ----
<input checked="" type="checkbox"/>	<input type="checkbox"/>	17. Does the county have a stormwater management plan as required by the Stormwater Management Act?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	If yes, will this project plan require the implementation of storm water management measures?
		18. Name, Title and signature of person completing this section:
		Name: <u>Susan L. Rockwell</u>
		Title: <u>Senior Environmental Planner</u> Signature: <u><i>S. L. Rockwell</i></u>
		Date: <u>September 23, 2019</u>
		Name of County or Areawide Planning Agency: <u>Lehigh Valley Planning Commission</u>
		Address: <u>961 Marcon Blvd, Suite 310, Allentown PA 18109</u>
		Telephone Number: <u>610-264-4544</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.		



Lehigh Valley Planning Commission

STEPHEN REPASCH
Chair

JOHN DIACOGLIANNIS
Vice Chair

STEVEN GLICKMAN
Treasurer

BECKY A. BRADLEY, AICP
Executive Director

March 22, 2018

Mr. Douglas Stewart, Director of Planning
City of Allentown
City Hall, 435 Hamilton Street
Allentown, Pennsylvania 18101

**RE: 120-160 Union Street LLC
City of Allentown
Lehigh County**

Dear Mr. Stewart:

The subject application proposes to construct a 10,000 square foot shop with attached 3,000 square foot storage and 3,000 square foot office space. This is consistent with the County Comprehensive Plan.

The project site is located within the Little Lehigh Creek watershed. This watershed has a fully implemented Act 167 Stormwater Management Ordinance. Comments relative to our review of the project's stormwater management plan are included as attachment 1.

Our review does not include an in-depth examination of the plan relative to subdivision design standards or ordinance requirements since these items are covered in the municipal review.

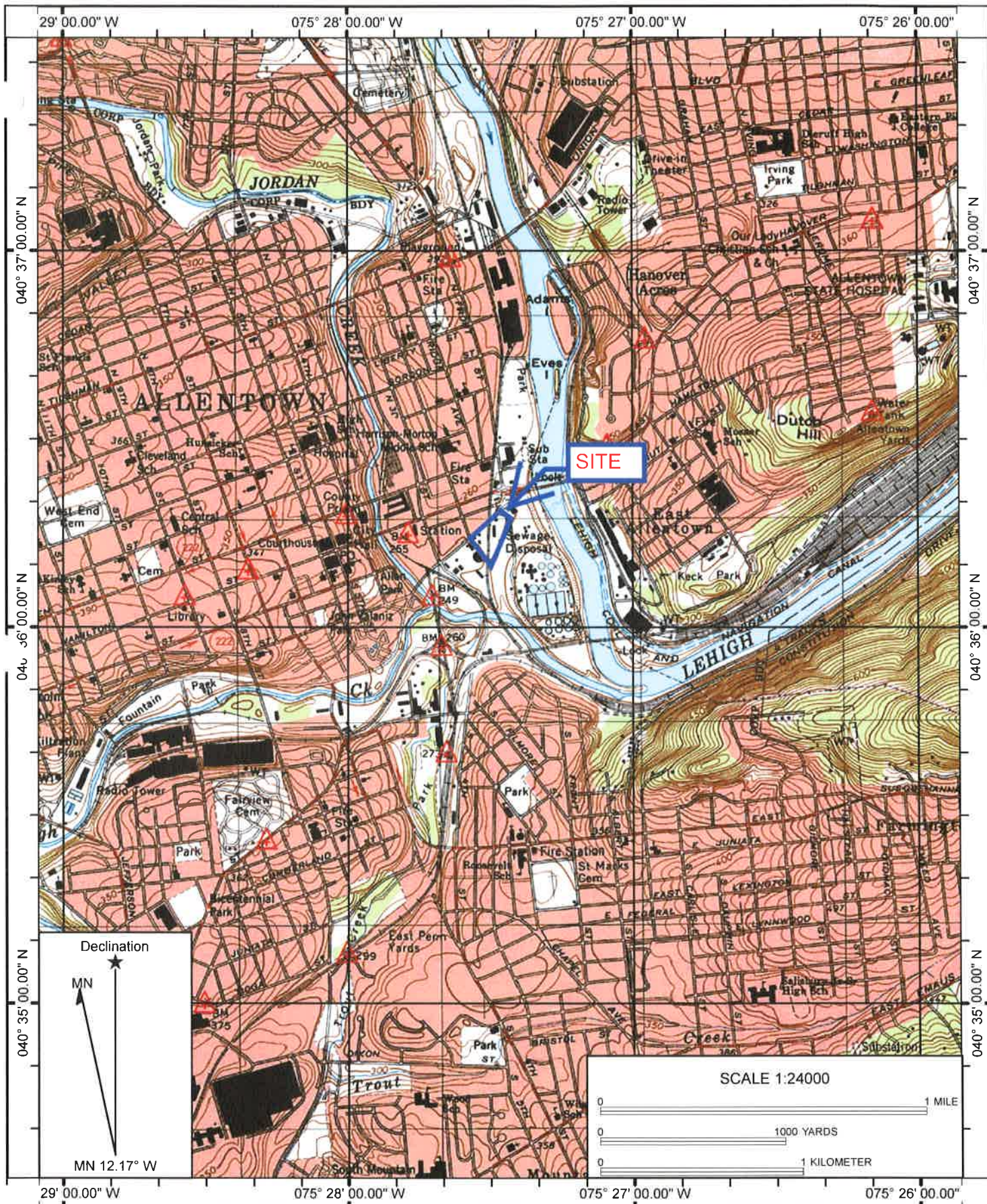
In order to better meet the needs of all involved, the LVPC is now requiring an appointment for plan signings. Please call the office and ask for a Community Planning staff person. Generally, your appointment will be within two business days.

Feel free to call me if you have any questions about this review.

Sincerely,

Jillian Seitz
Community Planner

cc: Craig Messinger, City of Allentown
J.R. Korczak, PE, Bohler Engineering



Name: ALLENTOWN EAST

Date: 11/01/17

Scale: 1 inch = 2,000 ft.

Location: 040° 36' 03.05" N 075° 27' 28.29" W



LEHIGH COUNTY AUTHORITY 1053 SPRUCE ROAD * P.O. BOX 3348 * ALLENTOWN, PA 18106-0348
610-398-2503 * FAX 610-398-8413 * www.lehighcountyauthority.org
email: service@lehighcountyauthority.org

March 14, 2019

Mr. David Kimmerly
Director of Planning
City of Allentown
435 Hamilton Street
Allentown, PA 18101

SUBJECT: Proposed Industrial Development – 120-160 West Union Street
Proposed Water and Wastewater Service Connection
LCA Review #1

Dear Mr. Kimmerly:

LCA (Lehigh County Authority) offers the following comments on the proposed public water and wastewater service design shown on the preliminary/final land development submission entitled: "120-160 Union St LLC, 120 West Union Street, Lehigh County, Allentown, PA", prepared by Bohler Engineering., Project No. PC161224, dated 2/15/18 (last revised 3/13/19):

The plans are approved contingent upon the following:

1. The developer and record owner(s) sign a LCA Construction Permit and comply with the applicable terms therein prior to starting the water and sewer system construction.
2. Approved City of Allentown building, plumbing, and fire protection plans shall be submitted to LCA.
3. Developer compliance with the terms and conditions of LCA's Rules and Regulations for Water Service, including completion of an Application for Water Service and payment of all applicable fees. Capacity tapping fees shall be paid to LCA prior to building permits being provided by the City.
4. Follow up with the City of Allentown and DEP in regards to the Sewage Planning Module.

5. All existing water and sewer laterals on the site along with any unknown laterals that are found during construction must be properly abandoned. Abandoned water laterals must be abandoned at the main. If the corporations do not shut off correctly and are leaking or deemed necessary by the inspector, the contractor is fully responsible to purchase and install an approved capsulation device. The site should not be backfilled until the abandonment is approved by LCA's inspector. The abandoned sewer laterals will be abandoned by trenchless spot repair at the main by an approved contractor. The trenchless spot repair contractor should be able to locate these when they CCTV the line. Send LCA a copy of the video once completed.

General Comments:

1. LCA is willing to provide public water and sewer service to the property.
2. It is the responsibility of the contractor to field verify all existing utilities.
3. The property owner is responsible for obtaining all necessary City or any other applicable permits including, but not limited to, plumbing, road opening, utility crossing, stream crossing, etc.
4. The City of Allentown Fire Marshall must be contacted for approval of fire hydrant locations and/or fire protection. Provide LCA documentation of this approval.
5. Provide a fixture unit count in order for LCA to properly size the water meters and calculate the applicable fees.
6. Water and sewer system construction is subject to inspection by LCA. Contact LCA at 610-398-2503 to schedule an inspection a minimum of three (3) business days prior to the start of work. Only LCA personnel shall operate valves in the water system.
7. The LCA Customer Service Department shall be notified to schedule an inspection of the meter setting prior to initiation of water service. Please contact the Lehigh County Authority Allentown Division at 610-437-7515.
8. The contractor will need to provide LCA with a Certificate of Insurance that matches the limits provided in the LCA Construction Permit.
9. Approved backflow devices will need to be installed on the domestic and fire lines. Backflow prevention assemblies proposed for use in the LCA service area must have received a current Certificate of Approval from the University of Southern California Foundation for Cross-Connection Control and Hydraulic Research.
10. The type of backflow prevention assembly installed and maintained must be adequate for the degree of hazard present. All backflow prevention assemblies shall be approved by LCA prior to installation.

11. A water meter and testable backflow preventer shall be installed inside the buildings in accordance with the LCA Water Meter Installation Policy.

Capacity Tapping Fee:

The capacity tapping fee determination is based on the City of Allentown's ordinances and LCA's policies. The concept of the Tapping Fee Policy is to assure all property owners that receive a direct benefit from a water or sanitary sewer system (Systems) shall pay a fair share of the cost of providing that benefit, based on the projected demands (i.e. water & sewer use) their property will exert on the system.

See below for the 2019 fees/deposits required to LCA for this project:

- LCA Construction Permit Deposit – \$1,000
- Connection Fee (2" physical water tap) - \$662
- Water Capacity Tapping Fee - \$2,733.92
- Sewer Capacity Tapping Fee - \$2,286.85
- 2" Domestic Meter Fee - \$734 (Note: this fee is paid at a later time when the contractor is ready for the meter. The meter sale must be approved by LCA and the payment must be submitted to our Customer Service Department at the time of the meter purchase.)
- 5/8" Fire Line Bypass Meter - NA

Please provide the applicable above mentioned items at your earliest convenience. If you have any further questions, feel free to contact me at 610-398-2503, x158, or via e-mail at JacobHunsicker@lehighcountyauthority.org.

Sincerely,



Jacob Hunsicker
Capital Works Project Specialist

cc: Jason Korczak – Bohler Engineering
Brian Hensel – Bohler Engineering
Austin Meehan – Property Owner



CONSTRUCTION PERMIT

Applicant: 120-160 Union St LLC c/o Austin Meehan

Permit No.: 19-7

Address: 1302 Conshohocken Street

Telephone No.: 610-439-3105

Conshohocken, PA

Description and Location of the Work ("Improvement"): Water and sewer connections to the property located at 120 Union Street.
Water Tap: LCA personnel will perform a 2" water tap on the 12" water main off the northeastern area of the property for connection to a proposed mixed use industrial building. The contractor is responsible to dig the tapping ditch the day before the scheduled tap date. The ditch must then be inspected/approved by LCA and plated overnight. LCA's tap crew reserves the right to reschedule the tap to the following day if they arrive on site and either the ditch has not been completed or it does not match the specs listed in this permit. It is the contractor's responsibility to finish all pipe work after the tap, restore the area, provide traffic control and acquire any other permits that may be needed. All backfill in the street must be 2A modified. LCA will need to have an inspector on site to view the construction up until the curb stop. Provide LCA with one week notice to schedule our tap crew and the inspector.
Sewer Tap: The contractor will tap the 24" vitrified clay sewer main on Union Street. From there all lateral piping will be completed by the contractor. LCA must have an inspector on site at the time the sewer main is tapped. Provide LCA with one week notice prior to when the tap is to take place so that we may schedule our inspector.
Abandonments: All existing water and sewer laterals on the site must be properly abandoned. Abandoned water laterals must be abandoned at the main. If the corporations do not shut off correctly and are leaking or deemed necessary by the inspector, the contractor is fully responsible to install and purchase an approved capsulation device. The site should not be backfilled until the abandonment is approved by LCA's inspector. LCA needs one week notice before the work is to be done so that we can arrange for an inspector to be on site. The contractor is responsible for site restoration and any other permits that may be needed for this job. The abandoned sewer lateral will be abandoned by trenchless spot repair at the main by a LCA approved contractor. The trenchless spot repair contractor should be able to locate the lateral when they CCTV the line. Send LCA a copy of the video once abandonment is completed.
General Notes: Submit a PA One Call prior to any construction work being completed. See the attached documents for reference in regards to connection to the public water and sewer system. The contractor will need to provide LCA with a Certificate of Insurance that matches the limits in the attached document.

TERMS AND CONDITIONS

1. Applicant agrees to construct said Improvement in accordance with the applicable Lehigh County Authority ("Authority") policies and regulations, including the current General Specifications for Water System and Sanitary Sewer Construction. This work shall be subject to equipment and material approval and inspection by the Authority.
2. Applicant agrees to pay for all administrative, legal and engineering costs incurred by the Authority related to the Improvement, and to deposit with the Authority the sums of (1) \$1,000 for plan review and inspection at the time this application is completed.
3. Applicant agrees to be responsible for, and repair or pay for the repair of, any damages or disturbances to the Authority's facilities resulting from or arising out of constructing the Improvement.
4. Upon acceptance of the Improvement by the Authority, the Improvement shall become the property of the Authority.
5. Applicant agrees to warrant the Improvement for an 18-month period from the date of acceptance by the Authority.
6. Applicant may not assign this Permit without the express written consent of the Authority.
7. Applicant agrees to indemnify and hold harmless the Authority, its employees, agents and officials (hereinafter together the "Authority"), from any and all liability arising directly or indirectly out of all activities associated with this Improvement. This indemnification shall include, without limitation, payment of all attorney fees and incidental litigation expenses in the event the Authority is sued upon a claim related to or supposedly related to the Improvement, whether or not the Authority is held liable. Applicant shall not, however, be liable for any portion of a judgment ultimately determined to be the result of the negligence of the Authority.
8. When Applicant desires to construct an Improvement to provide service from Authority facilities, an application for service must be made and the applicable connection fees paid to the Authority, in accordance with the established rates and charges of the Authority.

Applicant hereby accepts the terms and conditions of the Construction Permit:



Applicant

Application Date

Approved for Lehigh County Authority

Effective Date



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

August 5, 2019

Jason Korczak, P.E.
Bohler Engineering PA, LLC
1600 Manor Drive, Suite 200
Chalfont, PA 18914

Re: File No. ER 2019-1986-077-A
DEP: Proposed Industrial Development, 120 West Union Street, City of Allentown
Lehigh County

Dear Mr. Korczak:

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

We concur with the findings of the agency that the proposed project will have no adverse effect on the properties listed below that are listed in or eligible for the National Register of Historic Places.

Resource Name: Lehigh Valley Railroad (Key #116317)

Archaeological Resources

Based on our files and the information provided, it is our opinion that there are no archaeological resources present. Should new information be brought to your attention regarding historic properties located within the project area of potential effect, please notify the PA SHPO at (717) 783-8947 for reconsideration of the project.

If you need further information in this matter, please contact Emma Diehl at emdiehl@pa.gov or (717) 787-9121.

Sincerely,

Douglas C. McLearn, Chief
Division of Environmental Review

DCM/tmw



BOHLERTM
ENGINEERING

1600 Manor Drive, Suite 200
Chalfont, PA 18914
PHONE 215.996.9100
FAX 215.996.9102

July 24, 2019
Via Fed Ex – Priority

PHMC
State Historic Preservation Office
400 North Street
Commonwealth Keystone Bldg., 2nd Floor
Harrisburg, PA 17120-0093

Attention: Tina Webber

Re: Proposed Industrial Development
120 West Union Street
City of Allentown
Lehigh County, PA
PC161224

Dear Tina:

On behalf of 120-160 Union Street, LLC, Bohler Engineering PA, LLC is hereby submitting the following items for your review and approval:

- One (1) copy of the completed *Project Review Form*.
- One (1) copy of the *Project Narrative*.
- One (1) copy of the *USGS Map*.
- One (1) copy of the *Site Photographs*.
- One (1) copy of the *Site Plan*, dated 2/15/18, last revised 5/10/19, sheet 2 of 28.

Should you have any questions or require additional information, please contact our office.

Sincerely,

BOHLER ENGINEERING PA, LLC

Jason Korczak, P.E.
Project Manager

GB/em
cc:

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725063032595 

Delivered
Thursday 7/25/2019 at 9:43 am

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Signed for by: C.OUTLAW

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TO
HARRISBURG, PA US

Shipment Facts

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725063032595

SERVICE
FedEx Priority Overnight

WEIGHT
1 lbs / 0.45 kgs

DELIVERED TO
Shipping/Receiving

TOTAL PIECES
1

TOTAL SHIPMENT WEIGHT
1 lbs / 0.45 kgs

TERMS
Shipper

SHIPPER REFERENCE
PC161224_JKOR/EM

PACKAGING
FedEx Pak

SPECIAL HANDLING SECTION
Deliver Weekday

STANDARD TRANSIT
 7/25/2019 by 10:30 am

SHIP DATE
 Wed 7/24/2019

ACTUAL DELIVERY
Thu 7/25/2019 9:43 am

Travel History

Local Scan Time



Thursday, 7/25/2019

9:43 am	HARRISBURG, PA	Delivered
8:34 am	MIDDLETOWN, PA	On FedEx vehicle for delivery
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7/29/2019

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Wednesday, 7/24/2019		
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July 29, 2019

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Signed for by:	C.OUTLAW	Delivery location:	2 N CIRCLE DR HARRISBURG, PA 17120
Service type:	FedEx Priority Overnight	Delivery date:	Jul 25, 2019 09:43
Special Handling:	Deliver Weekday		



Shipping Information:

Tracking number:	725063032595	Ship date:	Jul 24, 2019
		Weight:	1.0 lbs/0.5 kg

Recipient:
TINA WEBBER
PA HISTORICAL MUSEUM COMMISSION
COMMONWEALTH KEYSTONE BLDG.
400 NORTH STREET, SECOND FLOOR
HARRISBURG, PA 17120 US

Reference

Shipper:
ELIZABETH MARX
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1600 MANOR DRIVE
SUITE 200
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Thank you for choosing FedEx.

1. PROJECT INFORMATION

Project Name: **Great Western Services**

Date of Review: **11/21/2017 04:08:19 PM**

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

Project Area: **6.18 acres**

County(s): **Lehigh**

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

ZIP Code: **18102**

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

Watersheds HUC 8: **Lehigh**

Watersheds HUC 12: **Lehigh River-Delaware River; Little Lehigh Creek-Lehigh River**

Decimal Degrees: **40.604049, -75.458007**

Degrees Minutes Seconds: **40° 36' 14.5746" N, 75° 27' 28.8247" 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	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

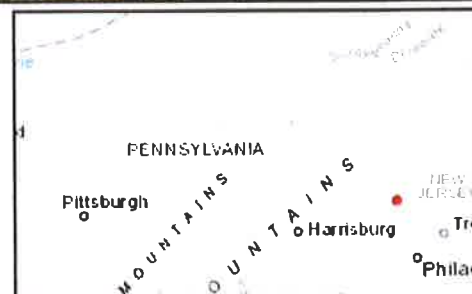
As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication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

Great Western Services



- ☐ 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, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user



[illegible]

-
- A map of Pennsylvania with the Allegheny Mountains highlighted in a darker shade. The mountains run diagonally from the northwest to the southeast. Pittsburgh is marked with a black dot in the northwest, and Harrisburg is marked with a black dot in the southeast. Philadelphia is marked with a black dot in the south. A red dot is located in the northeast corner of the state. The text 'PENNsylvania' is written across the top, and 'Allegheny MOUNTAINS' is written along the mountain range.

Page 3 of 7

RESPONSE TO QUESTION(S) ASKED

Q1: 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: The project area (or land parcel) has not been investigated by someone qualified to identify and delineate wetlands, or it is currently unknown if the project or project activities will affect wetlands.

Q2: 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: The project will affect 1 to 39 acres of forests, woodlots and trees.

Q3: Aquatic habitat (stream, river, lake, pond, etc.) is located on or adjacent to the subject property and project activities (including discharge) may occur within 300 feet of these habitats?

Your answer is: No

Q4: 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:

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

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

Scientific Name	Common Name	Current Status
Sensitive Species**		Threatened

U.S. Fish and Wildlife Service

RESPONSE:

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

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

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

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email* the following information to the agency(s). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies. Alternatively, applicants may email or mail their project materials (see AGENCY CONTACT INFORMATION).

***Note:** U.S.Fish and Wildlife Service requires applicants to mail project materials to the USFWS PA field office (see AGENCY CONTACT INFORMATION). USFWS will not accept project materials submitted electronically (by upload or email).

Check-list of Minimum Materials to be submitted:

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

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

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

☒ SIGNED copy of a Final Project Environmental Review Receipt

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

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

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

4. DEP INFORMATION

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

5. ADDITIONAL INFORMATION

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

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

6. AGENCY CONTACT INFORMATION

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

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: Brian Hensel, Jr.
Company/Business Name: Bohler Engineering, LLC.
Address: 1100 Manor Drive
City, State, Zip: Chalfont, PA 18914
Phone: (215) 996-9100 Fax: (215) 996-9102
Email: bhensel@bohlereng.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.

Brian Hensel, Jr.
applicant/project proponent signature

11/21/17
date



Pennsylvania Fish & Boat Commission

Division of Environmental Services

Natural Diversity Section
595 E Rolling Ridge Dr.
Bellefonte, PA 16823
814-359-5237

December 20, 2017

IN REPLY REFER TO
SIR# 48772

Bohler Engineering PA, LLC
Brian Hensel
1600 Manor Drive
Chalfont, Pennsylvania 18914

RE: Species Impact Review (SIR) – Rare, Candidate, Threatened and Endangered Species
PNDI Search No. 642222_1
Great Western Services
LEHIGH County: Allentown City

Dear Brian Hensel:

This responds to your inquiry about a Pennsylvania Natural Diversity Inventory (PNDI) Internet Database search “potential conflict” or a threatened and endangered species impact review. These projects are screened for potential conflicts with rare, candidate, threatened or endangered species under Pennsylvania Fish & Boat Commission jurisdiction (fish, reptiles, amphibians, aquatic invertebrates only) using the Pennsylvania Natural Diversity Inventory (PNDI) database and our own files. These species of special concern are listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, and the Pennsylvania Fish & Boat Code (Chapter 75), or the Wildlife Code.

An element occurrence of a rare, candidate, threatened, or endangered species under our jurisdiction is known from the vicinity of the proposed project. However, given the nature of the proposed project, the immediate location, or the current status of the nearby element occurrence(s), no adverse impacts are expected to the species of special concern.

This response represents the most up-to-date summary of the PNDI data and our files and is valid for two (2) years from the date of this letter. An absence of recorded species information does not necessarily imply species absence. Our data files and the PNDI system are continuously being updated with species occurrence information. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered, and consultation shall be re-initiated.

Our Mission:

www.fish.state.pa.us

To protect, conserve and enhance the Commonwealth's aquatic resources and provide fishing and boating opportunities.

If you have any questions regarding this review, please contact Robert Morgan at 814-359-5129 and refer to the SIR # 48772. Thank you for your cooperation and attention to this important matter of species conservation and habitat protection.

Sincerely,

A handwritten signature in black ink, reading "Christopher A. Urban". The signature is written in a cursive style with a large, stylized "C" and "U".

Christopher A. Urban, Chief
Natural Diversity Section

CAU/RTM/dn

Date 8/2/2019

Name **BOHLER ENGINEERING**
Address **1600 MANOR DRIVE**
SUITE 200
CHALFONT, PA 18914

RE: Planning Module for New Land Development

Subdivision 120 UNION ST.

95700-INDUSTRIAL

CITY OF ALLENTOWN, LEHIGH County

DEP Code No: 2-39001219-3

Dear:

In response to your postcard application, enclosed are the applicable planning modules required for the proposed development. Please submit the completed planning module and supporting information to the municipality(ies) in which the project is located. The Department must receive 3 copies. Please answer all questions. Do Not answer "N/A" or "Not Applicable". If you find a question does not apply, explain all reasons to support that answer.

A copy of the letter MUST be attached to the planning module when resubmitted through the municipality to the Department. This letter is to be used as a completion checklist and guide to completing the planning modules and does not supersede the rules and regulations found in Chapter 71. The municipality must submit the complete module package to the Department, (see end of letter for certification statement).

Effective December 15, 1995 Act 149 required the Department to assess planning module review fees. This fee is based on the type of development and total equivalent dwelling units proposed. The applicant will be billed upon Department approval or denial of the project.

If you are applying for a planning module exemption for this project, the exemption was not granted for the following reason(s):

<u>Materials required</u>	<u>Municipal Checklist</u>	<u>DEP Completeness Review</u>
<u>X</u>		Department cover/Checklist letter
<u>X</u>		Transmittal letter, completed and signed by the Municipal Secretary.
<u>X</u>		Resolution of Adoption completed and signed by the Municipal Secretary and containing the municipal seal.
		Component 2-Follow attached guidance.
<u>X</u>		Component 3-Follow attached guidance.
		Component 3s-Follow attached guidance.
<u>X</u>		Component 4a-Municipal Planning Agency Review
<u>X</u>		Component 4b-County Planning Agency Review
		Potential Impact(s) has occurred based on your search of the PA Natural Diversity Inventory. These issues must be resolved with each agency before the Department's review of Planning Modules can occur.
		Sewage management program as per 25 Pa. Code Subsection 71.72
		Hydrogeologic Study – Analysis of interbasin transfer of water between a Special Protection watershed into a Non-Special Protection watershed.
		Delaware River Basin Commission Notice of Applications Received (NAR) for projects with sewage flows exceeding 10,000 GPD.
		Preliminary hydrogeology
		Permeability testing, to be determined at site testing
		Detailed hydrogeologic study

required Checklist

Completeness
Review

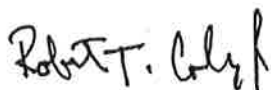
_____ _____ Socio-economic justification _____

_____ _____ If the project is located in a Special
Protection Watershed, please submit an
Antidegradation Analysis meeting the
Requirement of Chapter 93.4(b), 93.4(a)
and 93.4c(b)(2) _____

In all cases, address the immediate and long range sewage disposal needs of the proposal and comply with 25 Pa. Code, Chapter 71, Subchapter C relating to New Land Development Plan Revisions.

Please note that the Department will return the planning module package if an incomplete revision is submitted.

Sincerely,



Robert T. Corby, Jr.
Sewage Planning Specialist
Clean Water Program

CERTIFICATION STATEMENT

I certify that this submittal is complete and includes all requested items. Failure to submit a complete module package will result in return of package.

Municipal Address _____

Municipal Telephone Number _____

Signed: _____, Municipal Secretary

List below any individuals and address that should be copied if the planning module is returned to the municipality (if address is not provided, no copy will be sent):

Checklist



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

Completeness Checklist

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

Sewage Collection and Treatment Facilities

- ☒ Name and Address of land development project.
- ☒ U.S.G.S. 7.5 minute topographic map with development area plotted.
- ☒ Project Narrative.
- ☒ Letter from water company (if applicable).
- ☒ Alternative Analysis Narrative.
- N/A ☐ Details of chosen financial assurance method.
- N/A ☐ Proof of Public Notification (if applicable).
- ☒ Name of existing collection and conveyance facilities.
- ☒ Name and NPDES number of existing treatment facility to serve proposed development.
- ☒ Plot plan of project with required information.
- ☒ Total sewage flows to facilities table.
- ☒ Signature of existing collection and/or conveyance Chapter 94 report preparer.
- ☒ Signature of existing treatment facility Chapter 94 report preparer.
- ☒ Letter granting allocation to project (if applicable). **See Component 3**
- ☒ Signature acknowledging False Swearing Statement.
- ☒ Completed Component 4 (Planning Agency Review) for each existing planning agency and health department.
- ☒ Information on selected treatment and disposal option.
- N/A ☐ Permeability information (if applicable).
- N/A ☐ Preliminary hydrogeology (if applicable).
- N/A ☐ Detailed hydrogeology (if applicable).

Municipal Action

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

Signature of Municipal Official

Date submittal determined complete

Component 3J Checklist

Applicant Checklist (✓ or N/A)	Materials Required to be Included in the Planning Package	DEP Completeness Review
DEP Checklist Letter		
✓	DEP checklist letter is attached with items checked off by the applicant (or applicant's authorized representative) as included	
✓	DEP checklist letter certification statement completed and signed	
Transmittal Letter (Form 3800-FM-BPNPSM0355)		
✓	Transmittal Letter is attached, completed and the appropriate boxes in Section (i) are checked.	
✓	Transmittal Letter is signed by the municipal secretary	
Resolution of Adoption (Form 3800-FM-BPNPSM0356)		
✓	Resolution of Adoption is attached and completed	
✓	Resolution of Adoption is signed by the municipal secretary	
✓	Resolution of Adoption has a visible municipal seal	
Component 4A - Municipal Planning Agency Review (Form 3800-FM-BPNPSM0362A)		
✓	Component 4A is attached, completed and signed	
✓	Municipal Responses to Component 4A comments are included	
Component 4B – County Planning Agency Review (Form 3800-FM-BPNPSM0362B)		
✓	Component 4B is attached, completed and signed	
✓	Municipal Responses to Component 4B comments are included	
Component 4C – County or Joint Health Department Review (Form 3800-FM-BPNPSM0362C)		
N/A	Component 4C is attached, completed and signed	
N/A	Municipal Responses to Component 4C comments are included	
Component 3 Sewage Facilities Planning Module (Form 3800-FM-BPNPSM0353)		
<i>Section A: Project Information</i>		
✓	Section A.1. The Project Name is completed	
✓	Section A.2. The Brief Project Description is completed	
<i>Section B: Client Information</i>		
✓	Client Information is completed	
<i>Section C: Site Information</i>		
✓	Site Information is completed	
✓	A copy of the 7.5 minute USGS Topographic map is attached with the development site outlined, as required by the instructions and the checklist	
<i>Section D: Project Consultant Information</i>		
✓	Project Consultant Information is completed	
<i>Section E: Availability of Drinking Water Supply</i>		
✓	The appropriate box is checked in Section E	
✓	For existing public water supplies, the name of the company is provided	
✓	For public water supplies, the certification letter from the public water company is attached	
<i>Section F: Project Narrative</i>		

Component 3J Checklist

✓	The Project Narrative is attached	
✓	All information required in the module directions has been addressed	
<i>Section G: Proposed Wastewater Disposal Facilities</i>		
✓	Section G.1.a. The collection system boxes are checked	
✓	The Pennsylvania Clean Streams Law (CSL) permit number is provided for existing systems	
✓	Section G.1.b. The questions on the collection system are completed	
✓	Section G.2.a. The appropriate treatment facility box is checked	
✓	For existing treatment facilities, the name is provided	
✓	For existing treatment facilities, the NPDES permit number is provided	
✓	For existing treatment facilities, the CSL permit number is provided	
N/A	For new treatment facilities, the discharge location is provided	
✓	Section G.2.b. The certification statement has been completed and signed by the wastewater treatment facility permittee or their representative	
✓	Section G.3. The plot plan is attached and contains all items in the module instructions under Section G.3	
✓	The plot plan will show the proposed sewer facilities, sewer extension and/or point of connection to the existing sewer line or point of discharge	
N/A	Copies of easement(s) or right-of-way(s) are attached	
✓	Section G.4. The boxes are checked regarding Wetland Protection	
✓	Section G.5. The boxes are checked regarding Primary Agricultural Land	
✓	Section G.6. The boxes are checked confirming consistency with the Historic Preservation Act	
✓	The Cultural Resources Notice (CRN) (Form 0120-PM-PY0003) is attached	
✓	A return receipt for its submission to the PHMC is attached	
✓	The PHMC review letter is attached	
✓	Section G.7. The boxes are checked regarding Pennsylvania Natural Diversity Inventory (PNDI)	
✓	Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt is attached	
N/A	PNDI Review Receipt, if no potential impacts identified, is not older than 2 years	
✓	All supporting resolution documentation from jurisdictional agencies (when necessary) is attached and not older than 2 years	
N/A	A completed PNDI Large Project Form (PNDI Form) (Form	

Component 3J Checklist

N/A	8100-FM-FR0161) is attached with all supplemental materials and DEP is requested to complete the search.	
<i>Section H: Alternative Sewage Facilities Analysis</i>		
✓	The Alternative Sewage Facilities Analysis is attached	
✓	All information required in the module directions has been addressed	
<i>Section I: Compliance with Water Quality Standards and Effluent Limitations</i>		
N/A	The box is checked regarding Waters Designated for Special Protection	
N/A	The Social or Economic Justification is attached	
N/A	The box is checked regarding Pennsylvania Waters Designated As Impaired	
N/A	The box is checked regarding Interstate and International Waters	
N/A	The box is checked regarding Tributaries to the Chesapeake Bay and the required information is provided	
N/A	The Name of Permittee Agency, Authority, Municipality and the Initials of Responsible Agent are provided	
N/A	If discharge to an intermittent stream, dry swale or manmade ditch is proposed, provide evidence that a certified letter has been sent to each owner of property over which the discharge will flow until perennial conditions are met	
<i>Section J: Chapter 94 Consistency Determination</i>		
✓	A map showing the path of the sewage to the treatment facility and the location of the discharge is provided	
✓	Section J.1. The Project Flows are provided	
✓	Section J.2. The permitted, existing, and projected average and peak flows are provided in the table for collection, conveyance and treatment facilities	
✓	Section J.3.a. The appropriate box is checked indicating capacity in the Collection and Conveyance Facilities	
✓	Section J.3.b. The Collection System information is completed, signed and dated	
✓	Section J.3.b. The Conveyance System information is completed, signed and dated	
✓	Section J.4.a. The appropriate box is checked regarding projected overloads at the Treatment Facility	
✓	Section J.4.b. The Treatment Facility information is completed, signed and dated	
✓	The Permittee of the wastewater treatment facility has submitted a Chapter 94 Wasteload Management Report, which includes the information for the collection and conveyance system to serve this project	
N/A	An acceptable Wasteload Management Report Corrective Action Plan (CAP) and schedule has been submitted, as well as a connection management plan	
N/A	A letter from the permittee, which grants allocations to the project	

Component 3J Checklist

	consistent with the CAP, and a copy of the connection management plan has been submitted	
N/A	Letter indicating the treatment plant is an interim regional treatment facility is attached	
<i>Section K: Treatment and Disposal Options</i>		
N/A	For proposed treatment facilities, the appropriate box is checked indicating the selected Treatment and Disposal Option	
<i>Section L: Permeability Testing</i>		
N/A	The Permeability Testing information is attached	
<i>Section M: Preliminary Hydrogeologic Study</i>		
N/A	The Preliminary Hydrogeologic Study is attached	
N/A	The Preliminary Hydrogeologic Study is signed and sealed by a Professional Geologist	
<i>Section N: Detailed Hydrogeologic Study</i>		
N/A	The Detailed Hydrogeologic Study is attached	
N/A	The Detailed Hydrogeologic Study is signed and sealed by a Professional Geologist	
<i>Section O: Sewage Management</i>		
✓	Section O.1. The box is checked indicating municipal or private facilities	
✓	If municipal, the remainder of Section O is not applicable	
N/A	If private, the required analysis and evaluation of sewage management options is attached	
N/A	Section O.2. The appropriate box is checked regarding the use of nutrient credits or offsets	
N/A	Section O.3. The Project Flows for the private facilities are provided	
N/A	Section O.4.a. The appropriate box is checked indicating capacity in the existing private Collection and Conveyance Facilities	
N/A	Section O.4.b. The private Collection System information is completed, signed and dated	
N/A	Section O.4.c. The private Conveyance System information is completed, signed and dated	
N/A	Section O.5.a. The appropriate box is checked regarding projected overloads at the private Treatment Facility	
N/A	Section O.5.b. The private Treatment Facility information is completed, signed and dated	
N/A	Section O.6. The box is checked indicating the municipality will assure proper operation and maintenance of the proposed private facilities	
N/A	The required documentation of sewage management is attached	
<i>Section P: Public Notification Requirement</i>		
✓	All Public Notification boxes in this section are checked	
N/A	The public notice is attached, if public notification is necessary	

Component 3J Checklist

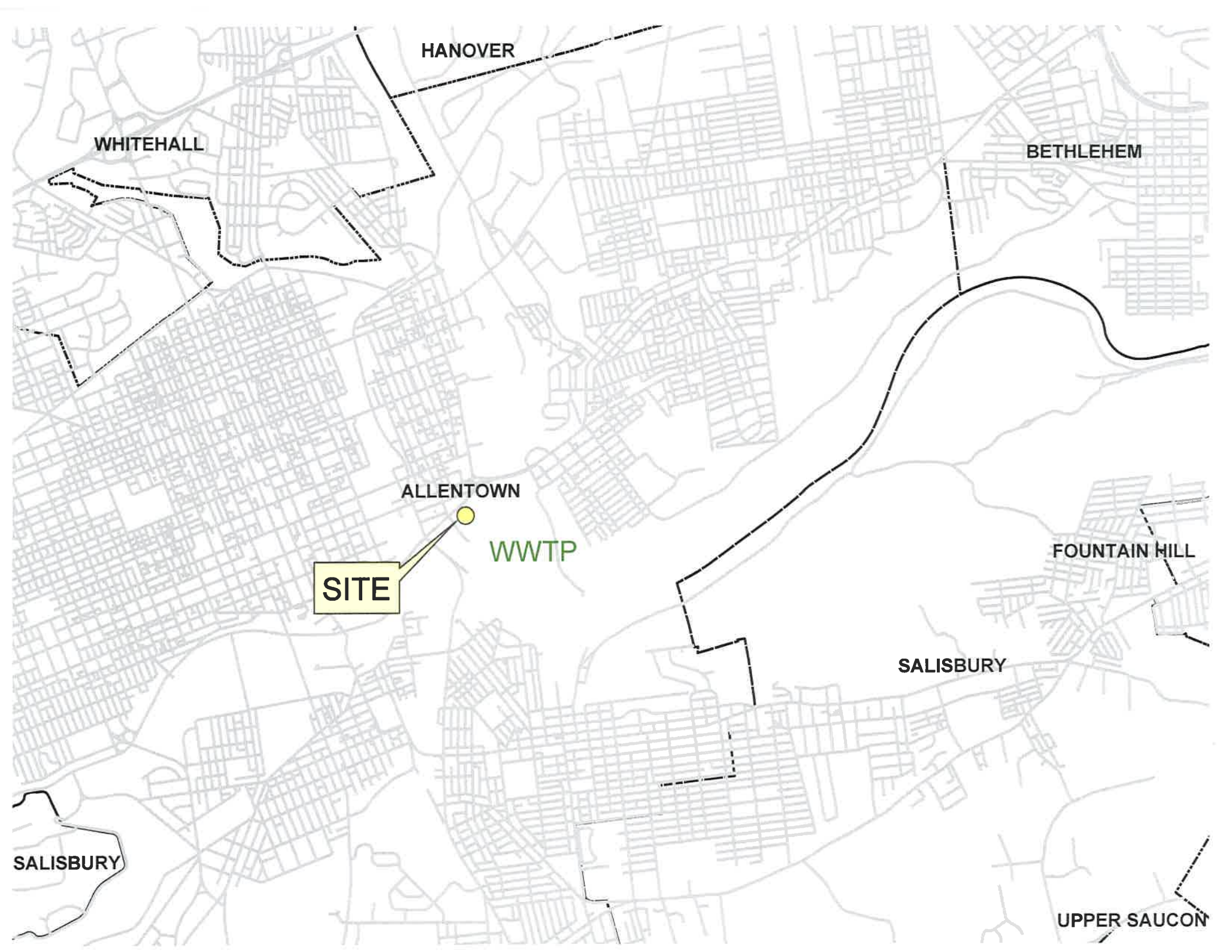
N/A	All comments received as a result of the notice are attached	
N/A	The municipal responses to these comments are attached	
N/A	The box is checked indicating that no comments were received, if valid	
<i>Section Q: False Swearing Statements</i>		
✓	The planning module preparer's false swearing statement is completed and signed	
<i>Section R: Planning Module Review Fee</i>		
✓	The correct fee has been calculated	
✓	The correct fee has been paid	
N/A	The request for fee exemption has been checked	
N/A	The deed reference information is provided to support the fee exemption	
<i>Completeness Checklist</i>		
✓	The module completeness checklist is included	
✓	All completeness items have been checked as included by the municipality, as appropriate	
✓	The Municipal Official has signed and dated the checklist	

CERTIFICATION STATEMENT

I certify that this submittal is complete and includes all requested items. I understand that failure to submit a complete module package may result in a denial of the application.

Signed:  Date: 9/23/19
Applicant (or Applicant's authorized representative)

Signed: _____ Date: _____
Municipal Secretary



HANOVER

WHITEHALL

BETHLEHEM

ALLENTOWN

WWTP

SITE

FOUNTAIN HILL

SALISBURY

SALISBURY

UPPER SAUCON