

Date 7/15/2021

Name BASE ENGINEERING, INC.
Address 1010 NORTH QUEBEC ST.
ALLENTOWN, PA 18109-1607

RE: Planning Module for New Land Development
Subdivision 414 S. CARLISLE ST.
MULTI-RESIDENTIAL 32006 PD
CITY OF ALLENTOWN, LEHIGH County
DEP Code No: 7-39001261-3

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>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Department cover/Checklist letter	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Transmittal letter, completed and signed by the Municipal Secretary.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Resolution of Adoption completed and signed by the Municipal Secretary and containing the municipal seal.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Component 2-Follow attached guidance.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Component 3-Follow attached guidance.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Component 3s-Follow attached guidance.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Component 4a-Municipal Planning Agency Review	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Component 4b-County Planning Agency Review	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	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.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Sewage management program as per 25 Pa. Code Subsection 71.72	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Hydrogeologic Study – Analysis of interbasin transfer of water between a Special Protection watershed into a Non-Special Protection watershed.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Delaware River Basin Commission Notice of Applications Received (NAR) for projects with sewage flows exceeding 10,000 GPD.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Preliminary hydrogeology	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Permeability testing, to be determined at site testing	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Detailed hydrogeologic study	<input type="checkbox"/>

Required Checklist

Completeness Review

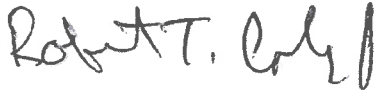
Socio-economic justification

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 435 Hamilton Street
Allentown PA 18101

Municipal Telephone Number 610-437-7611

Signed: Michael P. Heller, 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):

Irene Woodward



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 #	CLIENT ID #	SITE ID #	APS ID #	AUTH. ID #
2-39001261-3				

TO: Approving Agency (DEP or delegated local agency)

Date 02/28/2022PADEP, Bethlehem District Office4530 Bath PikeBethlehem, PA 18017-9074

Dear Sir/Madam:

Attached please find a completed sewage facilities planning module prepared by Joseph Rentko

(Name)

Project Engineer for 414 South Carlisle Street

(Title)

(Name)

a subdivision, commercial, or industrial facility located in City of AllentownLehigh

(City, Borough, Township)

County.

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 checked="" type="checkbox"/> Resolution of Adoption | <input checked="" type="checkbox"/> 3 Sewage Collection/Treatment Facilities | <input checked="" type="checkbox"/> 4A Municipal Planning Agency Review |
| <input type="checkbox"/> Module Completeness Checklist | <input type="checkbox"/> 3s Small Flow Treatment Facilities | <input checked="" 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 |

Mabel P Hartman
Municipal Secretary (print)

Michael P. Nally
Signature

Date



DEP Code No.
2-39001261-3

RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (COMMISSIONERS) (COUNCILMEN) of the City 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 R&M Apartments Inc. c/o Khinda Lakhwinder has proposed the development of a parcel of land identified as

land developer

414 South Carlisle Street, and described in the attached Sewage Facilities Planning Module, and
name of subdivision

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

WHEREAS, 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 the 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 Michael P. Hull, Secretary, City of 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 # 30398, adopted, MARCH 16, 20 22.

Municipal Address:

City of Allentown

435 Hamilton Street

Allentown, PA 18101

Telephone 610-439-5999

Seal of

Governing Body

414 South Carlisle Street
Project Narrative & Alternative Sewage Facilities Analysis
PADEP Sewage Facilities Planning Module
Component 3: Sections F & H

The scope of this project consists of the construction of an 8-unit multi-family apartment building within an existing paved/gravel lot; there are no existing structures within the project area. The project is located within the 14th Ward of Allentown, Lehigh County, Pennsylvania, and is within the Medium High Density Residential (R-MH) Zoning District. The project area is bordered by South Carlisle Street on the northeast side, East South Street on the southeast side, South Brown Street on the southwest side, and East Ford Street on the northwest side.

The adjacent parcels contain a mix of existing residential dwellings to the southwest, industrial use buildings to the northwest and southeast, and an undeveloped parking lot directly to the northeast.

The project site is currently an undeveloped paved/gravel parking lot with no existing structures. Existing public water and sewer mains are present within public roadways surrounding the site. Previous inquiries with the Lehigh County Authority (LCA) identified that the adjacent sewer mains have been configured to support sewer laterals for eight (8) residential units.

The proposed development will create an 8-unit multifamily residential apartment building within the existing lot for a total of eight (8) residential apartment units; no ancillary structures are proposed for the development. For planning purposes, we are requesting 8 EDUs of allocation, or approximately 3200 gallons per day (GPD).

Existing and proposed flows are as follows:

<u>Proposed Development</u>	EDUs
One multi-unit residential apartment building (8 total units)	8
	Total: 16 EDUs
<u>Previous Development</u>	EDUs
None	0
	Total: 0 EDUs
NET INCREASE: 8 EDUs (3,200 GPD)	
TOTAL FLOW: 16 EDUs (3,200 GPD)	
Note: 1 EDU = 300 Gal/Day	

This development project will be developed as a “by right” use in accordance with the City of Allentown Zoning Ordinance for the Medium High Density Residential Zoning District (R-MH). The City of Allentown, Title Five, Article 940.03(n) states that when a public sewer becomes accessible, the use of on-site sewage disposal systems shall be abandoned. Public sewage infrastructure, including sewage

mains and manholes with routing to a sewage treatment plant, currently exists within the public roadway adjacent to the project area. Additionally, the adjacent sewer mains are configured to support eight (8) laterals to the project site. Resultantly, on-site sewage disposal methods are not a permitted option for this project.

The project site is located within the existing service area of the City of Allentown Collection System. Sanitary sewer flows from this area are conveyed to the Kline Island WWTP as part of the Lehigh River #2 Interceptor Network as defined in the “**City of Allentown Master Sewer Plan – April 1977**” (MSP). An excerpt from the existing sewer network plan is shown below in Figure 1.

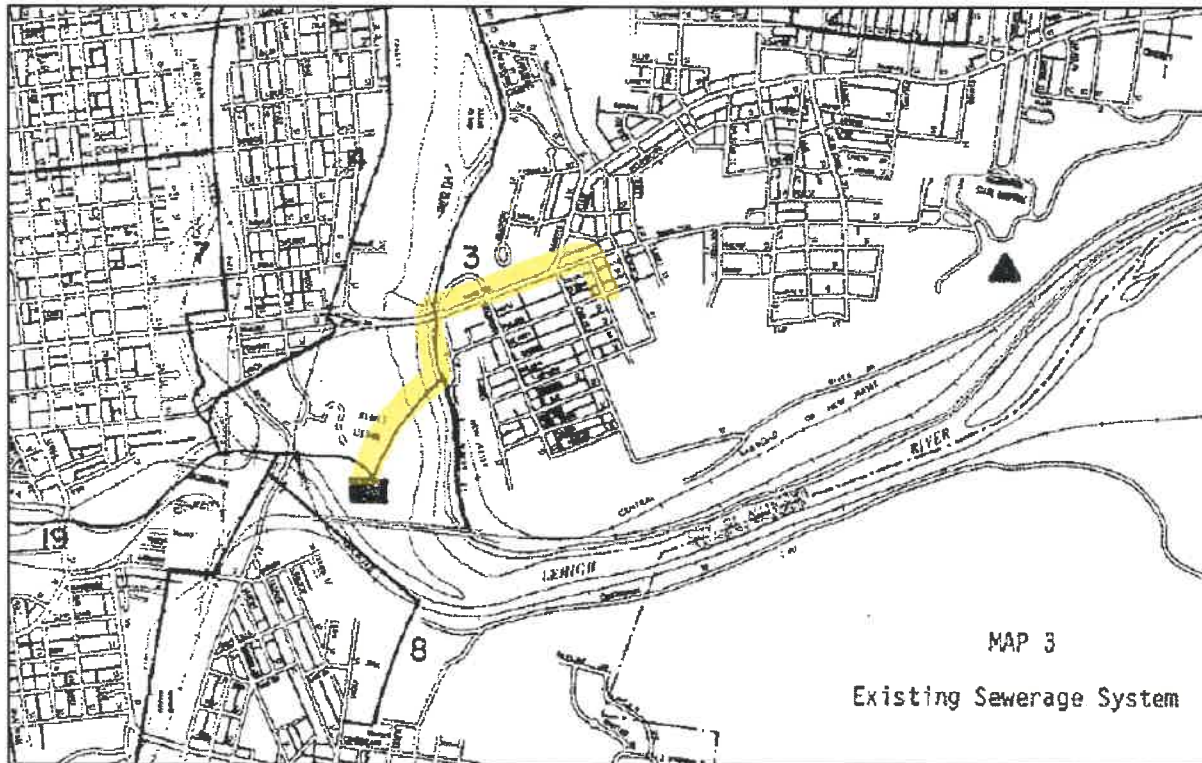


Fig. 1 City of Allentown/LCA Existing Sewerage Map

As indicated in Figure 1, the project site is located within an area with existing public sewer service. This disposal method is anticipated to remain identical within the Act 537 Plan currently under development by the LCA. Additionally, the primary land use of the surrounding area is residential property, which is served by the city’s collection system.

The Kline Island WWTP (NPDES #PA-0026000) is currently permitted for a capacity of 40 million gallons per day (MGD). The average reported flows to the WWTP as of February 2021 were approximately 32.3 MGD with 33.4 MGD projected in 5 years. Based on project estimates, the proposed addition of 3,200 GPD by this project will utilize approximately 0.04% of the currently remaining capacity of the WWTP.

Based upon the above information, local Zoning ordinances, the City of Allentown Title Five - Sewers, and previous land use history, the most reasonable method of sanitary sewer disposal for the proposed 414 South Carlisle Street project is connection to the existing City of Allentown collection and treatment system with flows ultimately being treated at the Kline Island Wastewater Treatment Plant in Allentown.



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

February 28, 2022

Mrs. Irene Woodward
Planning Director
City of Allentown
435 Hamilton Street
Allentown, PA 18101

SUBJECT: Minor Land Development – 414 S Carlisle St
Will Serve - Sewer Service

Dear Mrs. Woodward:

Lehigh County Authority (LCA) is willing to provide public sewer service in the requested amount of 3,200 GPD to the proposed 8 unit apartment building located at 414 S Carlisle Street. The final GPD total will be reflected on the approved DEP sewer planning module.

LCA has capacity at this time to provide sewer service in our collection system and at the city wastewater treatment plant for this development.

Tapping fees will be based upon the City of Allentown's ordinances and LCA's schedule of rate fees.

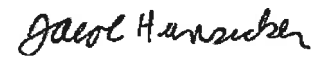
Sewer service is conditioned upon the following:

1. The developer obtaining approval of a PA-DEP Sewage Facilities Planning Module.
2. LCA approval of the site and plumbing plans.
3. Developer obtaining any road opening permits from the municipality and/or PA-DOT to construct the sewer mains and/or services.
4. Developer executing a Developer's Sewer System Agreement or a Construction Permit with LCA for construction of the sewer mains and/or services.
5. Developer installation of the sewer system in accordance with the approved plans and applicable LCA policies and regulations, including the current General Specifications for Sewer System Construction.
6. Developer compliance with the terms and conditions of LCA's Rules and Regulations for Sewer Service, including completion of an Application for Sewer Service and payment of applicable fees and charges in its Schedule of Wastewater Rates & Charges. Tapping fees shall be paid to LCA prior to building permits being provided by the City.

2.

February 28, 2022

Sincerely,

A handwritten signature in black ink that reads "Jacob Hunsicker". The signature is written in a cursive, slightly slanted style.

Jacob Hunsicker
Capital Works Project Specialist

cc: Joseph Rentko – Black Forest Engineering



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

February 28, 2022

Mrs. Irene Woodward
Planning Director
City of Allentown
435 Hamilton Street
Allentown, PA 18101

SUBJECT: Minor Land Development – 414 S Carlisle St
Will Serve - Water Service

Dear Mrs. Woodward:

Lehigh County Authority (LCA) is willing to provide public water service in the requested amount of 3,200 GPD to the proposed 8 unit apartment building located at 414 S Carlisle Street.

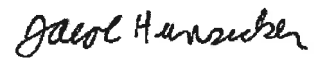
LCA has ample capacity to provide water service to this development and the service is presently available in the adjacent streets.

Tapping fees, connection fees, and meter fees are based upon the City of Allentown's ordinances and LCA's schedule of rate fees. Any abandoned lines must be properly capped.

Water service is conditioned upon the following:

1. LCA approval of the site, plumbing and fire protection system plans.
2. Developer obtaining any road opening permits from the municipality and/or PA-DOT to construct the water mains and/or services.
3. Developer executing a Developer's Water System Agreement or a Construction Permit with LCA for construction of the water mains and/or services.
4. Developer installation of water mains and/or services in accordance with the approved plans and applicable LCA policies and regulations, including the current General Specifications for Water System Construction.
5. 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. Tapping fees shall be paid to LCA prior to building permits being provided by the City.

Sincerely,

A handwritten signature in black ink that reads "Jacob Hunsicker". The script is cursive and fluid.

Jacob Hunsicker
Capital Works Project Specialist

cc: Joseph Rentko – Black Forest Engineering



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

January 11, 2022

Joseph Rentko
Black Forest Engineering
2455 Black Forest Drive
Coplay PA 180372287

RE: ER Project # 2022PR00001.001, 414 South Carlisle Street, Department of Environmental Protection, Allentown City, Lehigh County

Dear Joseph Rentko:

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

Above Ground Resources

No Above Ground Concerns - Environmental Review - No Historic Properties - Above Ground

Based on the information received and available in our files, it is our opinion that there are no above ground historic properties (resources listed in or eligible for listing in the National Register) present in the project area of potential effect. Therefore, no above ground historic properties will be affected by the proposed project. Should the scope of the project change and/or new information be brought to your attention regarding historic properties located within the project area of potential effect, please reinitiate consultation with our office using PA-SHARE.

For questions concerning above ground resources, please contact Barbara Frederick at bafrederic@pa.gov.

Archaeological Resources

No Archaeological Concerns - Environmental Review - No Effect - Archaeological

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

be made aware of historic property concerns, you will need to reinitiate consultation with our office using PA-SHARE.

For questions concerning archaeological resources, please contact Casey Hanson at chanson@pa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Emma Diehl".

Emma Diehl

Environmental Review Division Manager



Lehigh County Authority

1053 Spruce Road * P.O. Box 3348 * Allentown, PA 18106-0348
(610) 398-2503 * FAX (610) 398-8413 * Email: service@lehighcountyauthority.org

LETTER OF TRANSMITTAL

Date: February 15, 2022

To: Irene Woodward
City of Allentown
435 Hamilton Street
Allentown, PA 18101

Re: 414 S Carlisle Street / 414 S Carlisle Street
City of Allentown, Lehigh County, PA

<u>No. of Copies</u>	<u>Date</u>	<u>Description</u>
1	2/15/22	Completed Sewer Planning Module
1	2/15/22	Plan Showing Path of Sewage to WWTP
1	2/15/22	Appendix A Cover Letter

<input checked="" type="checkbox"/> As Requested	<input type="checkbox"/> Approved
<input type="checkbox"/> For Your Information	<input type="checkbox"/> Approved As Noted
<input type="checkbox"/> For Your Comments	<input type="checkbox"/> Revise And Resubmit
<input type="checkbox"/> For Action By You	<input type="checkbox"/> For Your Files

Comments:

LCA has completed the Sewer Planning Module for the subject property. The hard copy will be sent to you in the mail. Please contact me if you have any questions.

From: Jacob Hunsicker
cc: Scott Novatnak, DEP (via email)
Robert Corby, DEP (via email)
Craig Messinger, COA (via email)
Phil DePoe, LCA (via email)
Liesel Gross, LCA (via email)
Joseph Rentko, Black Forest Engineering LLC (via email)



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

February 8, 2022

Irene Woodward
Director of Planning
City of Allentown
435 Hamilton Street
Allentown, PA 18101

RE: 414 South Carlisle St / 414 South Carlisle Street, City of Allentown
Sewer Module - Chapter 94 Consistency Determination – Appendix A

Dear Mrs. Woodward:

This letter and approval for the attached Sewage Facilities Planning Module is based on the current estimate of available wastewater capacity. This letter does not promise, guarantee or assure any future conveyance or treatment allocation without compliance with all applicable rules and regulations, payment of all necessary fees and availability of the respective allocation at that time.

In accordance with the Interim Act 537 Plan submitted by the Kline’s Island Sewer System (KISS) municipalities to the Pa. Department of Environmental Protection and approved on June 25, 2021, an amount equal to the property or development’s wastewater flow will be allocated from the Connection Management Plan at the time of approval of the Sewage Facilities Planning Module. This property or development’s wastewater flow need, as represented in the attached Sewage Planning Module, is 3,200 gallons per day. Therefore, the Connection Management Plan balance will be adjusted as follows:

2020 Connection Management Plan Allocation (all numbers in gallons per day)	1,500,000
2021-2025 Connection Management Plan Allocation	3,117,129
Previously allocated from prior planning module submissions (since 1/17/20)	-1,589,276
This submission	-3,200
Remaining Allocation in KISS Connection Management Plan (as of 2/8/22)	3,024,653

Please contact me if you have any questions about this information.

Sincerely,

Liesel M. Gross
Chief Executive Officer

cc: Scott Novatnak, DEP
Robert Corby, DEP
Craig Messinger, COA
Phil DePoe, LCA
Joseph Rentko, Black Forest Engineering LLC



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

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

DEP USE ONLY				
DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH ID #
2-39001261-3				

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

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

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

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

A. PROJECT INFORMATION (See Section A of instructions)

- Project Name 414 South Carlisle Street
- Brief Project Description This project proposes the construction of an 8-unit multi-family apartment building within an existing paved/gravel lot; there no existing structures. Sewer and water service will be provided to each proposed unit.

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
Irene	Woodward			Director of Zoning & 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	
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
610-437-7611				

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

414 South Carlisle Street

Site Location Line 1

414 South Carlisle Street

Site Location Line 2

Site Location Last Line -- City

City of Allentown

State

PA

ZIP+4

18109

Latitude

40°36' 19"N

Longitude

75°26' 43"W

Detailed Written Directions to Site From SR 22, take exit to Airport Rd South. Continue 1.25 miles; Airport Road becomes N Irving St. Continue 0.5 miles and turn right onto Hanover Ave. Continue 0.75 miles and turn left onto South Carlisle Street. Continue 0.3 miles; project site will be on right at South St intersection.

Description of Site The site currently contains a compacted gravel parking area; there are no existing structures.

Site Contact (Developer/Owner)

Last Name

Khinda

First Name

Lakhwinder

MI Suffix

Phone

610-636-5918

Ext.

Site Contact Title

Manager

FAX

Site Contact Firm (if none, leave blank)

R&M Apartments

Email

Mailing Address Line 1

9697 Silverspot Drive

Mailing Address Line 2

Mailing Address Last Line -- City

Breinigsville

State

PA

ZIP+4

18031

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

Last Name

Rentko

First Name

Joseph

MI

Suffix

Title

Project Engineer

Consulting Firm Name

Black Forest Engineering LLC

Mailing Address Line 1

2455 Black Forest Drive

Mailing Address Line 2

Address Last Line -- City

Coplay

State

PA

ZIP+4

18037

Country

USA

Email

jerengineering@gmail.com

Area Code + Phone

570-239-4499

Ext.

Area Code + FAX

E. AVAILABILITY OF DRINKING WATER SUPPLY

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

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

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

Name of water company: 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 N/A

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 8

Connections 1

Name of:

existing collection or conveyance system City of Allentown collection system

owner City of Allentown/LCA Lessee

existing interceptor Lehigh River #2

owner City of Allentown/LCA Lessee

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 City of Allentown Kline's Island WWTP

NPDES Permit Number for existing facility PA-26000

Clean Streams Law Permit Number N/A

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

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

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

Name of Permittee Agency, Authority, Municipality City of Allentown, LCA - Agent

Name of Responsible Agent Liesel M. Gross

Agent Signature [Signature] Date 2/8/2022

(Also see Section I. 4.)

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (Continued)

3. PLOT PLAN

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

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

4. WETLAND PROTECTION

YES NO

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

5. PRIME AGRICULTURAL LAND PROTECTION

YES NO

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

6. HISTORIC PRESERVATION ACT

YES NO

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

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

7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES

Check one:

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

Applicant or Consultant Initials JER

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 3200 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	0.46	1.83	0.11	0.72	0.12	0.75
Conveyance	15	19	2.4	18 ⁽¹⁾	2.45	18.4 ⁽¹⁾
Treatment	40	40	32.3	40	33.4	42

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, LCA - Agent

Name of Responsible Agent Liesel M. Gross

Agent Signature Liesel M. Gross Date 2/8/2022

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

c. Conveyance System

Name of Agency, Authority, Municipality City of Allentown, LCA - Agent

Name of Responsible Agent Liesel M. Gross

Agent Signature *Liesel M. Gross*

Date 2/8/2022

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, LCA - Agent

Name of Responsible Agent Liesel M. Gross

Agent Signature *Liesel M. Gross*

Date 2/8/2022

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.

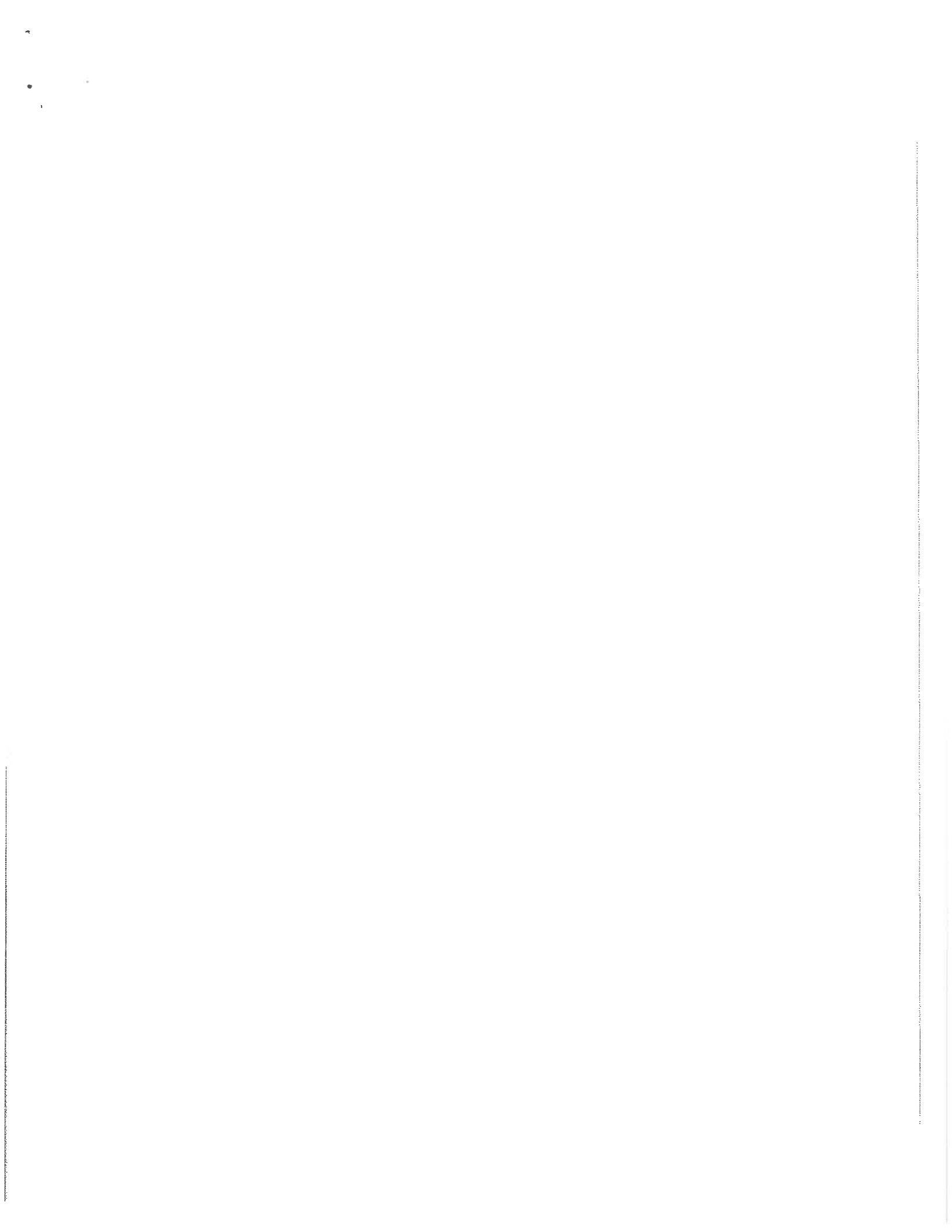
1. Spray irrigation (other than individual residential spray systems (IRSIS)) or other land application is proposed, and the information requested in Section K.1. of the planning module instructions are attached.
2. Recycle and reuse is proposed and the information requested in Section K-2 of the planning 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 sponsor), 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.

Joseph Rentko

Name (Print)

Signature

Project Engineer

Title

Date

2455 Black Forest Drive Coplay, PA 18037

570-239-4499

Address

Telephone Number

R. REVIEW FEE (See Section R of instructions)

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

- I request DEP calculate the review fee for my project and send me an invoice for the correct amount. I understand DEP's review of my project will not begin until DEP receives the correct review fee from me for the project.
- I have calculated the review fee for my project using the formula found below and the review fee guidance in the instructions. I have attached a check or money order in the amount of \$400.00 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.

$$\#8 \quad \text{Lots (or EDUs) X } \$50.00 = \$ 400.00$$

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:

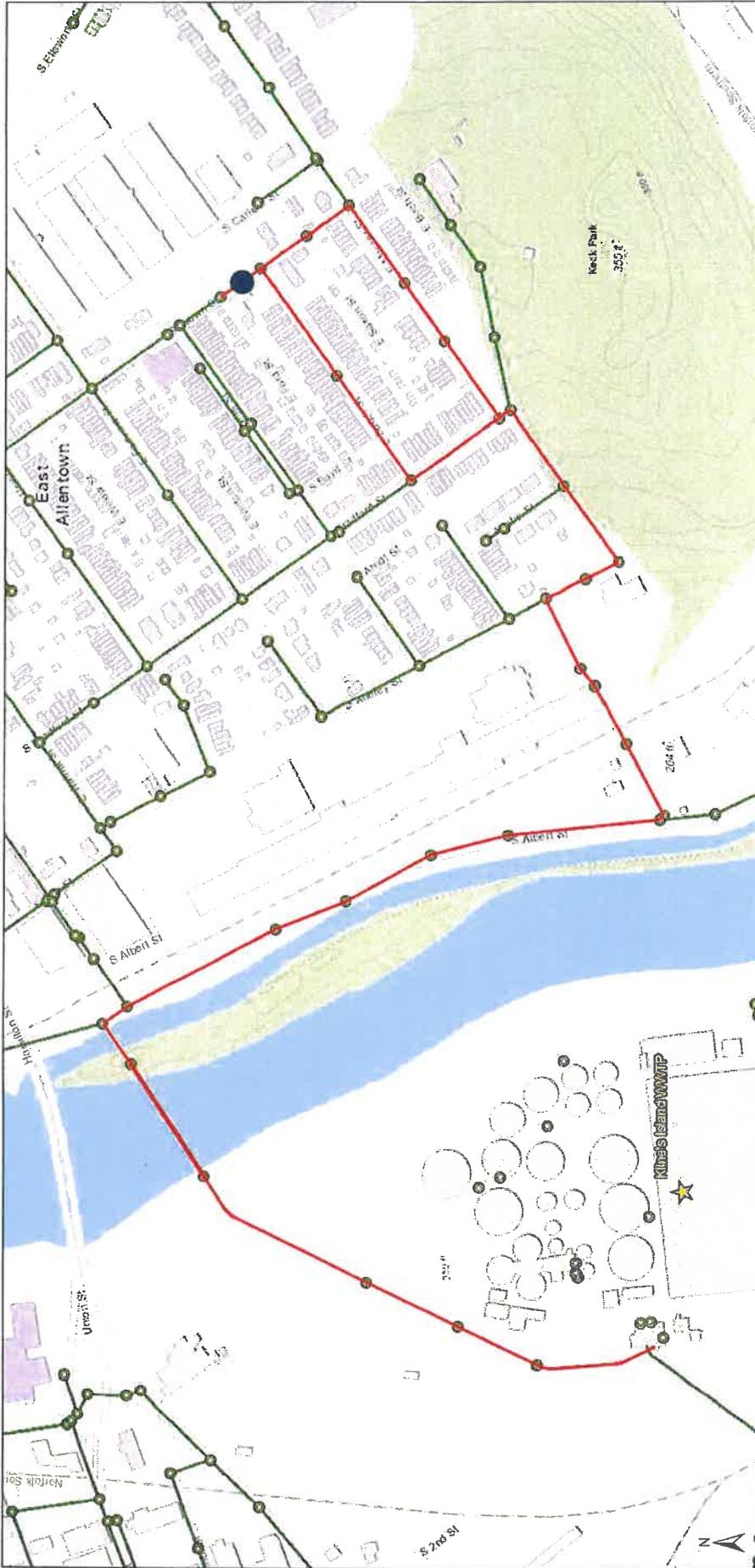
$$\# \quad \text{Lots (or EDUs) X } \$35.00 = \$$$

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

The fee is based upon:

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

LCA FLOW MAP - 414 S Carlisle Street



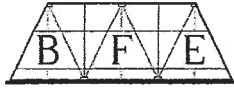
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- Allentown Customer
- COA Manholes
- Salisbury Manholes
- COA Sanitary Mains
- Salisbury Sanitary Mains
- Suburban Force Mains

Sources: Esri, HERE, Garmin, Intermap, Inc, GEBCO, USGS, FAO, NPS, NRCAN, Geobase, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, Mapbox, OpenStreetMap contributors, and the GIS User Community

Web AppBuilder for ArcGIS
 Bucks County, PA, Lehigh County, PA, State of New Jersey, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA, USGS |



Black Forest Engineering, LLC

2455 Black Forest Drive, Coplay, PA 18037
570.239.4499
jerengineering@gmail.com

January 24, 2022

Ms. Irene Woodward
Director of Planning & Zoning
City of Allentown
435 Hamilton Street
Allentown PA, 18101-1699

RE: 414 South Carlisle Street
Sanitary Planning Module – Component 4A
City of Allentown, PA

Dear Ms. Woodward:

Please find attached the following materials related to the above referenced project:

- Two (2) copies of the 414 South Carlisle Street Project Narrative and Alternative Sewage Facilities Analysis, dated January 24, 2022;
- Two (2) copies of the Proposed Layout Plan for the project, Sheet 03 of 08, prepared by BASE Engineering, Inc, dated April 22, 2019, last revised April 30, 2021;
- One (1) copy of the Sewage and Facilities Planning Module – Component 4A.

Please complete Component 4A of the Sewage Facilities Planning Module package and return it to our office at your earliest convenience.

Upon receipt and review, should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully,

Black Forest Engineering, LLC

Joseph E. Rentko, PE

Enclosure(s)
cc:

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OFFENDING COMMAND: image

STACK:

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