

Date 3/15/2019

Name PETTIT GROUP, LLC

Address 497 CENTER ST.
SEWELL, NJ 08080

C/O BRIAN CLEARY

RE: Planning Module for New Land Development

Subdivision TACO BELL

COMMERCIAL 1080 GPD

City of Allentown, LEHIGH County

DEP Code No: 2-39001213-3

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.



TRANSMITTAL LETTER FOR SEWAGE FACILITIES PLANNING MODULE

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

TO: Approving Agency (DEP or delegated local agency)

Date _____

Dear Sir/Madam:

Attached please find a completed sewage facilities planning module prepared by BRIAN CLEARY (Name)
Project Manager (Title) for THE PETTIT GROUP, LLC (Name)
 a subdivision, commercial, or industrial facility located in 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.

- | | | |
|--|---|--|
| ☐ Resolution of Adoption | ☐ 3 Sewage Collection/Treatment Facilities | ☐ 4A Municipal Planning Agency Review |
| ☐ Module Completeness Checklist | ☐ 3s Small Flow Treatment Facilities | ☐ 4B County Planning Agency Review |
| ☐ 2 Individual and Community Onlot Disposal of Sewage | | ☐ 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 _____
(TOWNSHIP) (BOROUGH) (CITY), _____ 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 THE PETTIT GROUP LLC has proposed the development of a parcel of land identified as
land developer

ALLENTOWN TACO BELL, 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, 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, _____
(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:

Telephone _____

Seal of
Governing Body



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

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

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

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

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

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

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

A. PROJECT INFORMATION (See Section A of instructions)

1. Project Name Allentown Taco Bell

2. Brief Project Description

Construction of a new 2,753-sf Taco Bell restaurant with associated site improvements.

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

Municipality Name Allentown	County Lehigh	City ☒	Boro ☐	Twp ☐
Municipality Contact Individual - Last Name Kimmerly	First Name David	MI MI	Suffix Suffix	Title Chief Planner
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1 435 Hamilton Street		Mailing Address Line 2		
Address Last Line -- City City of Allentown		State PA	ZIP+4 18101-1603	
Area Code + Phone + Ext. (610) 437-7613	FAX (optional)	Email (optional) david.kimmerly@allentownpa.gov		

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name
Allentown Taco Bell

Site Location Line 1 1901 S. 4th Street		Site Location Line 2		
Site Location Last Line -- City City of Allentown	State PA	ZIP+4 18103-4905	Latitude 40.579205	Longitude -75.455078

Detailed Written Directions to Site

From I-78 E: take exit 59 toward Summit Lawn/PA-145; left onto W Rock Rd/T500; left onto PA-145 N; site is on the right in 1.3 miles. There is an existing Wells Fargo bank on the site.

Description of Site Existing Wells Fargo bank will remain. A new 2,753-sf Taco Bell restaurant will be constructed with associated site improvements including paved parking area and detention basin.

Site Contact (Developer/Owner)

Last Name Depascale	First Name Joseph	MI	Suffix	Phone (610) 520-1000	Ext. 132
Site Contact Title Development Manager		Site Contact Firm (if none, leave blank) South 4th Street Investors, LLC			
FAX (610) 260-1510		Email			
Mailing Address Line 1 14 Balligomingo Road		Mailing Address Line 2			
Mailing Address Last Line -- City Conshohocken		State PA	ZIP+4 19428-2725		

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

Last Name Cleary	First Name Brian	MI W	Suffix
Title Project Manager	Consulting Firm Name The Pettit Group, LLC		
Mailing Address Line 1 497 Center Street		Mailing Address Line 2	
Address Last Line -- City Sewell	State NJ	ZIP+4 08080-1385	Country USA
Email bcleary@pettitgroup.com	Area Code + Phone (856) 464-9600	Ext. 105	Area Code + FAX (856) 464-9606

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: 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 4

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 Wastewater Treatment Plant

NPDES Permit Number for existing facility PA-26000

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,

Name of Responsible Agent Liesel M. Gross Agent

Agent Signature Liesel M. Gross Date 5/6/19

(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 1,275 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	2.75	10.99	0.51	3.34	0.52	3.34
Conveyance	58	81	30	78 ^u	31	80 ^u
Treatment	40	52	323	40	33.4	42

3. Collection and Conveyance Facilities

C1) 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. ☐ ☒ 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,
Name of Responsible Agent Liesel M. Gross Agent
Agent Signature [Signature] Date 5/6/19

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

c. Conveyance System

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

Name of Responsible Agent Liesel M. Gross Agent

Agent Signature [Signature]

Date 5/6/19

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,
Name of Responsible Agent Liesel M. Gross Agent
Agent Signature [Signature]
Date 5/6/19

☐ **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.

Brian Cleary
Name (Print)
Project Manager
Title
497 Center Street, Sewell NJ 08080
Address

Brian Cleary
Signature
5/15/19
Date
856-464-9600
Telephone Number

R. REVIEW FEE (See Section R of instructions)

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

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

County Recorder of Deeds for _____ County, Pennsylvania

Deed Volume _____ Book Number _____

Page Number _____ Date Recorded _____

R. REVIEW FEE (continued)

Formula:

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

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

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
- For community sewer system projects, one EDU is equal to a sewage flow of 400 gallons per day.

2. For a surface or subsurface discharge system, use the appropriate one of these formulae.

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

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

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

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

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

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
- For community sewage system projects one EDU is equal to a sewage flow of 400 gallons per day.
- For non-single family residential projects, EDUs are calculated using projected population figures

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

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

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER**INSTRUCTIONS FOR COMPLETING COMPONENT 4A
MUNICIPAL PLANNING AGENCY REVIEW**

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

Background

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

Who Should Complete the Component?

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

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

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

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

Section A. Project Name

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

Section B. Review Schedule

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

Section C. Agency Review

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

Section D. Additional Comments

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

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	_____

_____ 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.

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):



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

ALLENTOWN TACO BELL

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

1. Date plan received by municipal planning agency 6/13/2019
2. Date review completed by agency 6/17/2019

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

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

SECTION C. AGENCY REVIEW (continued)

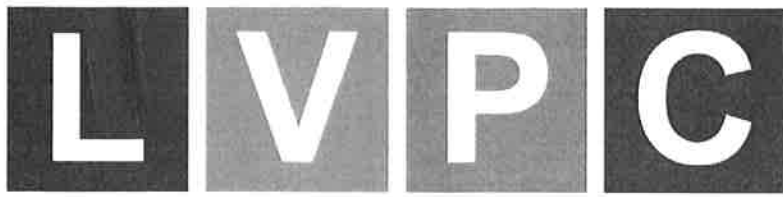
- | Yes | No | |
|--|-------------------------------------|--|
| ☒ | ☐ | 13. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____ |
| ☒ | ☐ | 14. Is this plan consistent with the municipal Official Sewage Facilities Plan?
If no, describe the inconsistencies _____ |
| ☐ | ☒ | 15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe _____ |
| ☐ | ☒ | 16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision? |
| ☐ | ☐ | 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 KIMMELT, AICP</u> | | |
| Title: <u>CHIEF PLANNER</u> | | |
| Signature: <u>[Signature]</u> | | |
| Date: <u>6/17/2019</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

June 7, 2019

Mr. Brian Cleary, PE
The Pettit Group, LLC
497 Center Street
Sewell, NJ 08080

Re: Act 537 Review - Sewage Facilities Planning Module for the Taco Bell Land Development (1901 S. 4th Street) in the City of Allentown, Lehigh County, DEP Code No. 2-39001213-3

Dear Mr. Cleary:

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 2,753 square foot fast food restaurant with drive-thru services on approximately 1.1 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 subdivision 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: David Kimmerly, Chief Planner, 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 #

2-3900/313-3

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

Taco Bell (1901 S. 4th Street)

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 May 20, 2019
Agency name Lehigh Valley Planning Commission
3. Date review completed by agency June 7, 2019

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

- | Yes | No | |
|-------------------------------------|-------------------------------------|---|
| ☒ | ☐ | 1. Is there a county or areawide comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101 <i>et seq.</i>)? |
| ☒ | ☐ | 2. Is this proposal consistent with the comprehensive plan for land use? <u>See Act 247 review letter 3/13/19</u> |
| ☒ | ☐ | 3. Does this proposal meet the goals and objectives of the plan?
If no, describe goals and objectives that are not met ---- |
| ☒ | ☐ | 4. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe inconsistency ---- |
| ☒ | ☐ | 5. Is this proposal consistent with the county or areawide comprehensive land use planning relative to Prime Agricultural Land Preservation?
If no, describe inconsistencies: ---- |
| ☐ | ☒ | 6. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impact ---- |
| ☐ | ☐ | 7. Will any known historical or archeological resources be impacted by this project? <u>PHMC determination</u>
If yes, describe impacts ---- |
| ☐ | ☐ | 8. Will any known endangered or threatened species of plant or animal be impacted by the development project? <u>See PNDI results</u> |
| ☐ | ☒ | 9. Is there a county or areawide zoning ordinance? |
| ☐ | ☐ | 10. Does this proposal meet the zoning requirements of the ordinance? <u>N/A</u>
If no, describe inconsistencies ---- |

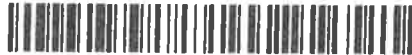
Yes	No	SECTION C. AGENCY REVIEW (continued)
☐	☐	11. Have all applicable zoning approvals been obtained? <i>N/A</i>
☒	☐	12. Is there a county or areawide subdivision and land development ordinance? <i>Not applicable to the City of Allentown</i>
☐	☐	13. Does this proposal meet the requirements of the ordinance? <i>N/A</i> If no, describe which requirements are not met ----
☐	☐	14. Is this proposal consistent with the municipal Act 537 Official Sewage Facilities Plan? <i>See municipal interpretation</i> If no, describe inconsistency ----
☐	☒	15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? If yes, describe ----
☐	☐	16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision? <i>N/A</i>
☐	☐	If yes, is the proposed waiver consistent with applicable ordinances. If no, describe the inconsistencies ----
☒	☐	17. Does the county have a stormwater management plan as required by the Stormwater Management Act?
☐	☒	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>June 7, 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.		

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Lehigh Valley Planning Commission
Attn: John Von Kerczek - Principal Planner
961 Marcon Blvd.
Suite 310
Allentown, PA 18109



9590 9403 0334 5155 5344 70

2. Article Number (Transfer from service label)**COMPLETE THIS SECTION ON DELIVERY****A. Signature**

Card Halper

☐ Agent☐ Addressee**B. Received by (Printed Name)**

Card Halper

C. Date of Delivery

5/30/19

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PROJECT NARRATIVE

SEWAGE FACILITIES PLANNING MODULE
COMPONENT 3 – SECTION F

FOR

ALLENTOWN TACO BELL

PARCEL ID: 640652944254-1

City of Allentown, Lehigh County, Pennsylvania

Date: April 2019

Prepared by:



THE PETTIT GROUP, LLC

Engineering • Architecture • Planning



Brian W. Cleary, PE
PA License No. PE081074

P:\1061 Winterslar Corp\184 4th Street - Allentown\Eng\Correspondence\Sewer Planning Module\Planning Module\Component 3 - Section F - Project Narrative.docx

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 project is commercial in nature and consists of a proposed Taco Bell restaurant located at the northeast corner of the intersection of S. 4th Street and Cooper Street in the City of Allentown, Lehigh County, PA. The project proposes construction of a new 2,753-sf restaurant with drive-thru and associated site improvements.

2. Enter the number of lots or EDUs in the development project. Lots refer to single family residential dwellings and for purposes of flow calculation are assumed to generate a minimum of 400 gallons per day (gpd). If larger residential flows are anticipated, these flows should be used. The residual tract, if any, is also counted as a lot. For commercial, industrial, and institutional facilities, the number of lots in a subdivision is determined by using EDUs. Divide the total flow for these facilities by 400 to determine the number of EDUs.

The projected sewage flow for the proposed building is 1,275 gpd. This figure is based on historical data from other similarly sized Taco Bell restaurants in the region.

A total of 4 EDUs is required for this project ($\frac{1,275 \text{ gpd}}{400 \text{ gpd/EDU}} = 3.2 \text{ EDUs}$).

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 sewage disposal method for this project is conveyance through a gravity sewer system to a municipal treatment facility. Sewage will be conveyed from the building using new sanitary laterals connecting to the existing sewer main located within Cooper Street. A grease trap is proposed to be installed to intercept flows from the kitchen before connecting to the proposed lateral. The Jordan Creek interceptor will be utilized to convey flows to the Kline's Island Wastewater Treatment Plant located at 112 Union Street, Allentown, PA.

4. Specify the projected population to be served and sewage flows in gpd and how these figures were calculated. Flow figures should be consistent with those found in DEP's Domestic Wastewater Facilities Manual available on the DEP website at www.dep.state.pa.us, Keyword: "Wastewater" unless adequate justification for lower per capita flows is provided and/or has been previously approved by DEP.

Sewage flows for the proposed Taco Bell are 1,275 gpd based on historical data of similarly sized Taco Bell restaurants in the region. Using 8.5 gallons per day per person (per PA Code §73.17.(b) - sewage flows for a restaurant (kitchen and toilet wastes, single-service utensils)), 150 patrons are projected to be served per day.

Planning modules were approved previously at 1,080 gpd until receiving more updated usage information from the developer.

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

Sewage is conveyed to Kline's Island Wastewater Treatment Plant, which discharges treated wastewater to the Little Lehigh Creek, immediately before its confluence with the Lehigh river.

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

The proposed project consists of a total of 3.343 acres. A planned subdivision will divide the site into two lots: the Taco Bell will be located on a 1.066 acre lot with the remaining 2.277 acres housing an existing Wells Fargo bank.

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.

The two proposed lots will be owned by separate entities post filing of the subdivision plan. There is space within the Wells Fargo lot for a possible future development, but none is proposed at this time. Should future development be proposed, the Applicant will submit a new Act 537 Application to the DEP.

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.

The existing Wells Fargo currently has public sewer and has been in operation since the mid-1960s. No expansion of the existing building is proposed, thus no additional flows from the Wells Fargo building are anticipated.

ALTERNATIVES ANALYSIS

SEWAGE FACILITIES PLANNING MODULE
COMPONENT 3—SECTION H

FOR

ALLENTOWN TACO BELL

PARCEL ID: 640652944254-1

City of Allentown, Lehigh County, Pennsylvania

Date: April 2019

Prepared by:



THE PETTIT GROUP, LLC

Engineering • Architecture • Planning



Brian W. Cleary, PE
PA License No. PE081074

P:\1061 Winterstar Corp\184 4th Street - Allentown\Eng\Correspondence\Sewer Planning Module\Planning Module\Component 3 - Section H - Alternatives Analysis.docx

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 selected long-term sewage disposal method for the project located at 1901 S. 4th Street is to convey 1,275 gallons per day of sewage by way of an existing gravity sewer system to the Kline's Island Wastewater Treatment Plant. The effluent will be conveyed from the building to an existing sewer main located within Cooper Street. The Jordan Creek Interceptor is then utilized for conveyance to the Kline's Island Wastewater Treatment Plant.

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.*

Lands to the north, west, and south are occupied by commercial uses and are in the City of Allentown's B3 – Highway Business District. Lands to the east of the project are occupied by single-family housing and are located in the City's RML – Medium Low-Density Residential District. The sewage disposal method used for all adjacent lots is municipal treatment.

3. *Indicate if the sewage facilities described in (2) are in need of improvement due to noncompliance with effluent limitations, high rates of on lot malfunction or overloaded public sewers. Is there a potential for a combined public/private project?*

The proposed sewer connection has been reviewed by the City of Allentown and Lehigh County Authority and no comments were received regarding the need of improvement of the existing sewer facilities. There is no potential for a combined public/private project as extensive soil testing was performed on the site and there is no location available to install a private system.

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

The proposed development will connect to an existing public system.

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.*

No known sewage management programs are in the area that the proposed development would be required to participate in.

6. *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.*

There are no known alternative sewage disposal methods that are available for the project.

7. *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 proposed method of sewage disposal for this project is by connection to the existing public sewer system located in Cooper Street with conveyance to the Kline's Island Wastewater Treatment Plant to be treated and discharged under NPDES Permit No. PA26000. The existing public sewer system is located immediately outside of the property boundary within the right-of-way.

Lehigh County Authority has indicated that they are willing to provide sewer service for the site at the proposed capacity of 1,275 gpd.

8. *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.*

City of Allentown is the owner of the conveyance system and Lehigh County Authority is the owner of the treatment facility.

9. *Finally, the applicant may use the narrative to describe any special considerations or provide any additional information that supports the choice of disposal method. The alternatives analysis must be attached to the planning module package for review by the municipality and approving agency.*

N/A

1. PROJECT INFORMATION

Project Name: **Allentown Taco Bell**

Date of Review: **7/30/2018 09:56:35 AM**

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

Project Area: **3.39 acres**

County(s): **Lehigh**

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

ZIP Code: **18103**

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

Watersheds HUC 8: **Lehigh**

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

Decimal Degrees: **40.579987, -75.454840**

Degrees Minutes Seconds: **40° 34' 47.9523" N, 75° 27' 17.4237" W**

2. SEARCH RESULTS

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

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

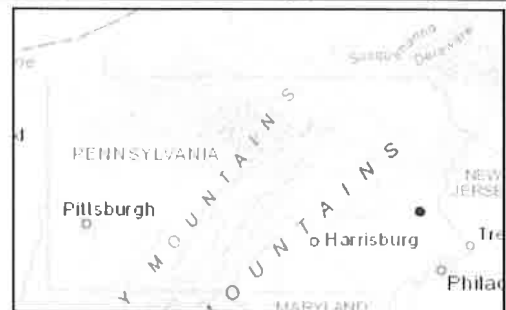
Note that regardless of PNDI search results, projects requiring a Chapter 105 DEP individual permit or GP 5, 6, 7, 8, 9 or 11 must comply with the bog turtle habitat screening requirements of the PASPGP.

Allentown Taco Bell



- ☐ Project Boundary
- ☐ Buffered Project Boundary

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

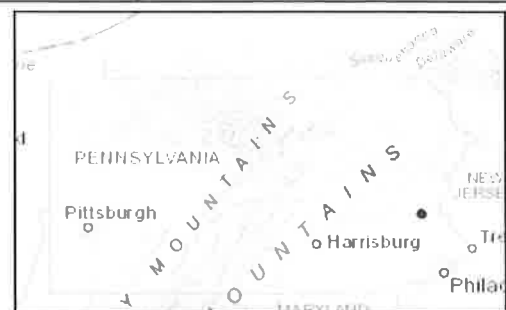


Allentown Taco Bell



- ☐ Project Boundary
- ☐ Buffered Project Boundary

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



RESPONSE TO QUESTION(S) ASKED

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

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

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

Your answer is: No

3. AGENCY COMMENTS

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

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

PA Game Commission

RESPONSE:

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

PA Department of Conservation and Natural Resources

RESPONSE:

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

PA Fish and Boat Commission

RESPONSE:

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

U.S. Fish and Wildlife Service

RESPONSE:

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

4. DEP INFORMATION

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

5. ADDITIONAL INFORMATION

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

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). 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

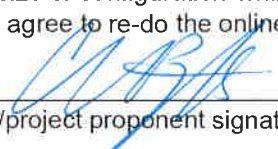
Bureau of Wildlife Habitat Management
Division of Environmental Planning and Habitat Protection
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Joe DePascale
Company/Business Name: South 4th Street Investors, LLC
Address: 14 Balligomingo Road
City, State, Zip: Conshohocken, PA 19428
Phone: (610) 520-1000 ext. 132 Fax: (610) 260-1510
Email: jdepascale@summerwood.biz

8. CERTIFICATION

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


applicant/project proponent signature

5/15/19
date



Pennsylvania
Historical & Museum
Commission

PROJECT REVIEW FORM

Request to Initiate SHPO Consultation on
State and Federal Undertakings

SHPO USE ONLY

Reviewers: MS/ BF

DATE RECEIVED: 4/5/19 DATE DUE: 4/19/19

ER NUMBER: 2019-1280-077-H HRSF:

REV: 06/2018

SECTION A: PROJECT NAME & LOCATION

Is this a new submittal? ☒ YES ☐ NO OR ☐ This is additional information for ER Number:

Project Name Allentown Taco Bell County Lehigh Municipality City of Allentown

Project Address 1901 S. 4th Street City/State/ Zip Allentown PA 18103

SECTION B: CONTACT INFORMATION & MAILING ADDRESS

Name Brian Cleary Phone (856) 464-9600

Company The Pettit Group, LLC Fax (856) 464-9606

Street/PO Box 497 Center Street Email bcleary@pettitgroup.com

City/State/Zip Sewell NJ 08080

SECTION C: PROJECT DESCRIPTION

This project is located on: ☐ Federal property ☐ State property ☐ Municipal property ☒ Private property
(check all that apply)

List all federal and state agencies and programs providing funds, permits, licenses.	Agency Type	Agency/Program/Permit Name	Project/Permit/Tracking Number (if applicable)

Proposed Work – Attach project description, scope of work, site plans, and/or drawings

Project includes (check all that apply): ☒ Construction ☒ Demolition ☐ Rehabilitation ☐ Disposition

Total acres of project area: 3.343 Total acres of earth disturbance: 2.902

Are there any buildings or structures within the project area? ☒ Yes ☐ No Approximate age of buildings: 50 years

Does this project involve properties listed in or eligible for the National Register of Historic Places, or designated as historic by a local government? ☐ Yes ☒ No ☐ Unsure Name of historic property or historic districts:

Please print and mail completed form and all attachments to:

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

Attachments – Please include the following information with this form

- ☒ Map – 7.5' USGS quad showing project boundary and Area of Potential Effect
- ☒ Description/Scope – Describe the project, including any ground disturbance and previous land use
- ☒ Site Plans/Drawings – Indicate past and present land use, location and dates of buildings, and proposed improvements
- ☒ Photographs – Attach prints or digital photographs showing the project site, including images of all buildings and structures keyed to a site plan

SHPO DETERMINATION (SHPO USE ONLY)

☐ There are NO HISTORIC PROPERTIES in the Area of Potential Effect ☐ The project will have NO ADVERSE EFFECTS WITH CONDITIONS (see attached)

☒ The project will have NO EFFECT on historic properties ☐ SHPO REQUESTS ADDITIONAL INFORMATION (see attached)

☐ The project will have NO ADVERSE EFFECTS on historic properties:

SHPO REVIEWER: Mark Shaffer DATE: 4/8/19

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

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



9590 9403 0334 5155 5344 87

2. Article Number (Transfer from service label)

7016 0910 0001 5086 5748

PS Form 3811, April 2015 PSN 7530-02-000-9053

1061-184

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *A. Naik*

☐ Agent

☐ Addressee

B. Received by (Printed Name)

APR 05 2019

C. Date of Delivery

APR 05 2019

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature

☐ Adult Signature Restricted Delivery

☐ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery

☐ Insured Mail

☐ Insured Mail Restricted Delivery (over \$500)

☒ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☐ Return Receipt for Merchandise

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

