

DEP Code No.

RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE ~~(SUPERVISORS)~~ (COMMISSIONERS) ~~(COUNCILMEN)~~ of SOUTH FAYETTE
(TOWNSHIP) ~~(BOROUGH)~~ ~~(CITY)~~, ALLEGHENY 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 Frank & Victoria Batolato has proposed the development of a parcel of land identified as
land developer

Batolato Plan of Lots, 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, South Fayette Township 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 South Fayette 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:

515 Millers Run Road
South Fayette PA 15064

Seal of
Governing Body

Telephone 412-221-8700

Form



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

Code No.

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

DEP USE ONLY

DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH ID #
------------	-------------	-----------	----------	-----------

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

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

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

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

A. PROJECT INFORMATION (See Section A of instructions)

1. Project Name BADOLATO PLAN OF LOTS

2. Brief Project Description PROPOSED SUBDIVISION - TO CREATE AND TRANSFER A SINGLE, NEW 0.9 ACRE LOT, DESIGNATED AS LOT 2 IN THE BATOLATO PLAN, FROM PARENTS TO DAUGHTER.

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

Municipality Name	County	City	Boro	Twp
South Fayette	Allegheny	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Barrett	John			Manager
Additional Individual Last Name	First Name	MI	Suffix	Title
Blenko	Andrew		PE	Planning Director
Municipality Mailing Address Line 1	Mailing Address Line 2			
515 Millers Run Road				
Address Last Line -- City	State	ZIP+4		
Morgan	PA	15064		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-221-8700				

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

BADOLATO PLAN OF LOTS

Site Location Line 1 325	Site Location Line 2 Fawcett Church Road
-----------------------------	---

Site Location Last Line -- City Bridgeville	State PA	ZIP+4 15017	Latitude 40 19 01.17	Longitude -80 07 33.7
--	-------------	----------------	-------------------------	--------------------------

Detailed Written Directions to Site From Interstate 79 take the Bridgeville exit, at the end of the ramp take Millers Run Road, Route 50, east toward Bridgeville, turn right onto Wshington Pike heading south, continue south for 4.6 miles (about 10 minutes), turn left to head east on Fawcett Church Road, for 1 mile, turn left into driveway for #325, follow for 0.3 miles

Description of Site Existing 2 story single family house on a 9 acre wooded lot being subdivided to cut off a 0.9 acre lot located in northeast corner of the tract for construction of a new single family dwelling.

Site Contact (Developer/Owner)

Last Name Badolato	First Name Frank	MI P	Suffix	Phone 4129560781	Ext.
-----------------------	---------------------	---------	--------	---------------------	------

Site Contact Title Owner	Site Contact Firm (if none, leave blank)
-----------------------------	--

FAX	Email fitnessbado18@gmail.com
-----	----------------------------------

Mailing Address Line 1 324 Fawcett Church Road	Mailing Address Line 2
---	------------------------

Mailing Address Last Line -- City Bridgeville	State PA	ZIP+4 15017
--	-------------	----------------

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

Last Name Kugler	First Name John	MI	Suffix
---------------------	--------------------	----	--------

Title Project Manager	Consulting Firm Name Liadis Engineering & Surveying, Inc.
--------------------------	--

Mailing Address Line 1 3100 Banksville Road	Mailing Address Line 2
--	------------------------

Address Last Line -- City Pittsburgh	State PA	ZIP+4 15216	Country USA
---	-------------	----------------	----------------

Email john@liadisengineering.com	Area Code + Phone 412-341-6000	Ext. 1	Area Code + FAX 412-341-6672
-------------------------------------	-----------------------------------	-----------	---------------------------------

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: Pa American Water Company (McMurray District)

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 1

Connections 1

Name of:

existing collection or conveyance system South Fayette Township Municipal Authority

owner South Fayette Township Municipal Authority

existing interceptor Chartiers Creek

owner Allegheny County Sanitary Authority

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 Allegheny County Sanitary Authority Woods Run Treatment Plant

NPDES Permit Number for existing facility 25984

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude 40 28 32 Longitude 80 02 44

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

As an authorized representative of the permittee, I confirm that the ALCOSAN
(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 ALCOSAN

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

Agent Signature  Date 2/4/2020

(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 dmk.

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 400 _____ 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.

MATSF CHAPTER 94 CRACK PUMP STATION	a. Design and/or Permitted Capacity (gpd)		b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd) (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
Collection	2,400,000	6,000,000	1,879,000	7,600,000	2,264,600	7,600,000
Conveyance						
Treatment						

3. Collection and Conveyance Facilities

The questions below are to be answered by the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities. These questions should be answered in coordination with the latest Chapter 94 annual report and the above table. The individual(s) signing below must be legally authorized to make representation for the organization.

- YES NO SEE ATTACHED LETTER FROM MATSF DATED 1-14-2020
- 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 SOUTH FAYETTE TOWNSHIP MUNICIPAL AUTHORITY

Name of Responsible Agent JERRY D. BROWN

Agent Signature [Signature] Date 1-14-2020

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 400 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.

MATSF CHARTERS CRACK PUMP STATION	a. Design and/or Permitted Capacity (gpd)		b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd) (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
Collection	2,400,000	6,000,000	1,879,000	7,600,000	2,264,600	7,600,000
Conveyance		41,500,000	5,350,000	6,280,000	5,400,000	6,340,000
Treatment		250,000,000	216,100,000	250,000,000	202,900,000	250,000,000

3 Collection and Conveyance Facilities

The questions below are to be answered by the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities. These questions should be answered in coordination with the latest Chapter 94 annual report and the above table. The individual(s) signing below must be legally authorized to make representation for the organization.

YES NO SEE ATTACHED LETTER FROM MATSF DATED 1-14-2020

- 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 SOUTH FRANKLIN TOWNSHIP MUNICIPAL AUTHORITY

Name of Responsible Agent JERRY D. BROWN

Agent Signature [Signature] Date 1-14-2020

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

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAN

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

Agent Signature 

Date 2/4/2020

4. Treatment Facility

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

YES NO

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

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

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

- b. Name of Agency, Authority, Municipality ALCOSAN

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

Agent Signature 

Date 2/4/2020

K. TREATMENT AND DISPOSAL OPTIONS (See Section K of instructions)

This section is for land development projects that propose construction of wastewater treatment facilities. Please note that, since these projects require permits issued by DEP, these projects may NOT receive final planning approval from a delegated local agency. Delegated local agencies must send these projects to DEP for final planning approval.

Check the appropriate box indicating the selected treatment and disposal option.

1. Spray irrigation (other than individual residential spray systems (IRSIS)) or other land application is proposed, and the information requested in Section K.1. of the planning module instructions are attached.
2. Recycle and reuse is proposed and the information requested in Section K-2 of the planning module instructions is attached.
3. A discharge to a dry stream channel is proposed, and the information requested in Section K.3. of the planning module instructions are attached.
4. A discharge to a perennial surface water body is proposed, and the information requested in Section K.4. of the planning module instructions are attached.

L. PERMEABILITY TESTING (See Section L of instructions)

- The information required in Section L of the instructions is attached.

M. PRELIMINARY HYDROGEOLOGIC STUDY (See Section M of instructions)

- The information required in Section M of the instructions is attached.

N. DETAILED HYDROGEOLOGIC STUDY (See Section N of instructions)

The detailed hydrogeologic information required in Section N. of the instructions is attached.

O. SEWAGE MANAGEMENT (See Section O of instructions)

(1-3 for completion by the developer(project sponser), 4-5 for completion by the non-municipal facility agent and 6 for completion by the municipality)

Yes No

1. Is connection to, or construction of, a DEP permitted, non-municipal sewage facility or a local agency permitted, community onlot sewage facility proposed.

If Yes, respond to the following questions, attach the supporting analysis, and an evaluation of the options available to assure long-term proper operation and maintenance of the proposed non-municipal facilities. If No, skip the remainder of Section O.

2. Project Flows _____ 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?

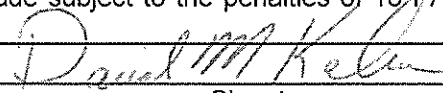
P. PUBLIC NOTIFICATION REQUIREMENT cont'd. (See Section P of instructions)

- 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.

David M. Kalina



Name (Print)

Signature

Project Manager - Liadis Engineering & Surveying, Inc.

December 24, 2019

Title

Date

3100 Banksville Roadm Pittsburgh, PA 15216

4123416000

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 \$50.00 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.

$$\# \underline{1} \quad \text{Lots (or EDUs)} \times \$50.00 = \$ \underline{50.00}$$

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:

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

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

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

Badolato Subdivision Plan - 1 EDU, Fawcett Church Rd, S. Fayette Twp.

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

1. Date plan received by municipal planning agency 11/25/2019

2. Date review completed by agency 5/28/2020

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

Yes

No

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

SECTION C. AGENCY REVIEW (continued)

- | Yes | No | |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 13. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 14. Is this plan consistent with the municipal Official Sewage Facilities Plan?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision? |
| <input type="checkbox"/> | <input type="checkbox"/> | If yes, is the proposed waiver consistent with applicable ordinances?
If no, describe the inconsistencies _____ |

17. Name, title and signature of planning agency staff member completing this section:
Name: Andrew W. Blenko, PE
Title: Director of Engineering & Planning
Signature: *Andrew W. Blenko*
Date: June 1, 2020
Name of Municipal Planning Agency: South Fayette Township Planning Commission
Address 515 Millers Run Road, Morgan, PA 15064
Telephone Number: 412-221-8700

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.



INSTRUCTIONS FOR COMPLETING COMPONENT 4C COUNTY OR JOINT HEALTH DEPARTMENT 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.



DEP Code #: _____

SEWAGE FACILITIES PLANNING MODULE

COMPONENT 4C - COUNTY OR JOINT HEALTH DEPARTMENT REVIEW

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

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

Project Name

Badolato Plan of Lots

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

 1. Date plan received by county or joint county health department February 19, 2020

 Agency name Allegheny County Health Department (ACHD)

 2. Date review completed by agency February 21, 2020

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

Yes No

 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?

If no, what are the inconsistencies? _____

 2. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?

If yes, describe _____

 3. Is there any known groundwater degradation in the area of this proposal?

If yes, describe _____

 4. The county or joint county health department recommendation concerning this proposed plan is as follows: ACHD recommends approval. See attached letter.

5. Name, title and signature of person completing this section:

 Name: Freddie Fields

 Title: Environmental Health Engineer III

 Signature: *Freddie Fields*

 Date: February 21, 2020

 Name of County Health Department: ACHD

 Address: 3901 Penn Avenue, Building #5, Pittsburgh, PA 15224-1318

 Telephone Number: 412-578-8046

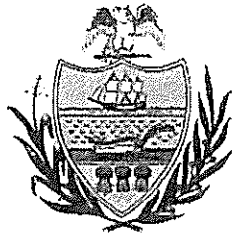
SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

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.

COUNTY OF



ALLEGHENY

February 21, 2020

RICH FITZGERALD
COUNTY EXECUTIVE

David M. Kalina
Liadis Engineering & Surveying, Inc.
3100 Banksville Road
Pittsburgh, PA 15216

**RE: SEWAGE FACILITIES PLANNING MODULE RE;
Badolato Plan of Lots, Township of South Fayette,
ALLEGHENY COUNTY**

Dear Mr. Kalina:

Enclosed is a signed copy of Component 4C, County or Joint County Health Department Review, for the above-referenced development. This Planning Module Component was received on February 19, 2020. The project proposes the following:

Project Description:	Badolato Plan of Lots. Proposing to subdivide a 9 acres tract (Tax ID Block 572-N, Lot 1) to create one new 0.90-acre lot (Lot 2) with single family dwelling and leaving the remaining acres with existing 2 story dwelling with garage (Lot 1) located at 325 Fawcett Church Road in the Township of South Fayette, Allegheny County.
Sewage Flow:	400 GPD
Conveyance:	The flow from this site will be conveyed to the Municipal Authority of the Township of South Fayette (MATSF) collection system to ALCOSAN POC C-54-16 to the Chartiers Creek interceptor and then to the ALCOSAN treatment plant at Woods Run.
Sewer's Owner:	MATSF (collection) and ALCOSAN (interceptor)
Name of Sewage Treatment Plant:	ALCOSAN

Please be advised that a permit must be obtained from the Allegheny County Health Department's (ACHD) Plumbing Section prior to commencing any plumbing work for the proposed project. Plumbing work for which an ACHD Plumbing Permit must be obtained includes any plumbing work done on the site and any sewers, which will not be owned and operated by a municipality or a sewer authority.



KAREN HACKER, MD, MPH, DIRECTOR
ALLEGHENY COUNTY HEALTH DEPARTMENT

WATER POLLUTION CONTROL & SOLID WASTE MANAGEMENT
3901 PENN AVENUE • BUILDING 5 • PITTSBURGH, PA 15224-1318
PHONE: 412.578.8040 • FAX: 412.578.8053 • WWW.ACHD.NET

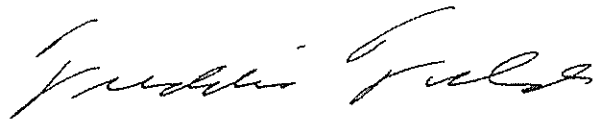


Mr. David M. Kalina
February 21, 2020
Page 2

In addition, it should be noted that the approval of this sewage facilities planning module does not include approval of pipe size and/or type. Approval for pipe size and/or type must be obtained by filing a specific plumbing plan with the ACHD's Plumbing Section. If you should have any questions relative to ACHD's plumbing requirements, you can call Ivo Miller, Plumbing Program Manager at 412-578-8393.

The ACHD has no objection to the approval of this project. If you have any questions, please call me at 412-578-8046.

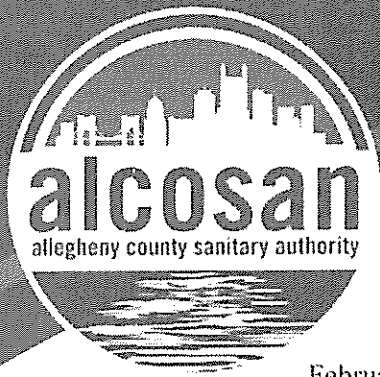
Sincerely,

A handwritten signature in cursive script, appearing to read "Freddie Fields".

Freddie Fields, M.B.A.
Environmental Health Engineer III
Water Pollution Control & Solid Waste Management

FF/cb
Enclosure

cc: Thomas Flanagan, PA Department of Environmental Protection w/attachment (electronically)
Ivo Miller, ACHD w/attachment (electronically)



February 5, 2020

Members of the Board

Cory O'Connor
State Representative
Rep. Harry Readshaw
Sylvia C. Wilson
Shannah Tharp Gilham, Ph.D.
Jack Shea
John Weinstein
Brenda L. Smith

Arietta Scott Williams
Executive Director

William H. Inks, CPA
Director
Finance & Administration

Jan M. Oliver
Director
Regulatory Compliance

Douglas A. Jackson, P.E.
Director
Operations & Maintenance

Kimberly N. Kennedy, P.E.
Director
Engineering & Construction

Michelle M. Boys, P.E.
Director
Environmental Compliance

Joanne K. Clark
Director
Governmental Affairs

Joseph Valtarian
Director
Communications

David M. Kalina, P.L.S.
Liadis Engineering & Suveying, Inc.
3100 Banksville Road
Pittsburgh, PA 15216

**Re: Badolato Plan of Lots
South Fayette Township, Allegheny County
PA DEP Sewage Facilities Planning Module Component 3
ALCOSAN Interceptor Manhole C-54-16**

Dear Mr. Kalina:

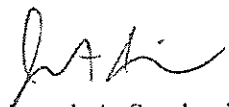
We have reviewed the Component 3 Planning Module for the referenced project to be located in South Fayette Township. The project will generate a peak flow of 400 GPD in the Chartiers Creek Interceptor and Woods Run Treatment Plant.

The capacity of the ALCOSAN interceptor at the C-54-16 connection is 41.5 MGD. The estimated peak dry weather flow is approximately 6.28 MGD. Sufficient dry weather capacity exists for this connection. The Chartiers Creek Interceptor and the Woods Run Treatment Plant do not have the capacity for the flows generated by the tributary communities during wet weather periods. This limitation will be analyzed further as ALCOSAN completes its wet weather facilities plan.

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

Sincerely,

ALLEGHENY COUNTY SANITARY AUTHORITY


Joseph A. Sparbanie, P.E.
Civil Engineer

Attachment

cc T. Dean (w/o attachment)
D. Thornton (w/o attachment)
S. McWilliams (w/o attachment)
Jerry Brown/ MATSF (w/o attachment)
T. Flanagan/ PaDEP (w/o attachment)
Fred Fields/ ACHD (w/o attachment)



MUNICIPAL AUTHORITY
TOWNSHIP OF SOUTH FAYETTE

C. Kenneth Chamberlain, Chairman
Charles L. Rothertmel, Vice Chairman
Robert Zedreck, Secretary
Cecilia Davis, Treasurer
John Alan Kosky, Assistant Secretary-Treasurer

600 Presto Sygar Road
Bridgeville, PA 17007
412-257-8100 phone
412-257-5125 fax
sewerbilling@sfwp.com
www.matsf.net

January 14, 2020

Mr. David M. Kalina, P.L.S.
Liadis Engineering and Surveying, Inc.
3100 Banksville Road
Pittsburgh, PA 15216

Subject: Badolato Plan of Lots

Dear Mr. Kalina:

We are in receipt of your Planning Module Component 3 for the above referenced subdivision of property along Fawcett Church Road. The proposed subdivision will allow for 1 new home to be constructed with projected wastewater flow of 400 gpd. Wastewater will be conveyed from this property to the existing Chartiers Creek trunk sewer and to the MATSF's Chartiers Creek Pump Station. It is then pumped to ALCOSAN's Chartiers Creek Interceptor at POC C54-16. Ultimately, the flow will be treated at ALCOSAN's Woods Run regional treatment facility.

MATSF has sufficient capacity within its sanitary sewer collection system and at the Chartiers Creek Pump Station for all conditions except extremely unusual precipitation events. The pump station occasionally receives peak hourly flow during storm events greater than 1" that does not result in an SSO event, but is in excess of the design capacity of the pump station (6.0 MGD). During these periods, the 3rd pump at the facility automatically comes on line and allows for a peak discharge rate of up to 7.6 MGD.

Since wet weather capacity related events are infrequent and since the Authority takes steps to minimize the frequency and impact of the system back-ups, the proposed 400 gpd will have a negligible impact on the MATSF system.

MATSF executed with Allegheny County Health Department (ACHD) Administrative Consent Orders in January 2004, and more recently, in December 2015, executed a Phase I Consent Order and Agreement (COA). In doing so, the Authority was given a certain level of internal control with respect to adding customers to the system. Even so, all new subdivisions still must go through the planning module approval process. MATSF has historically aggressively complied with all terms called out in the 2004 ACO and the 2015 Phase I COA and has undertaken several initiatives necessary to preserve collection system capacity. It is important to note that the most recent consent order terminated on June 1, 2018. Subsequently, MATSF has been actively involved in regional efforts with ACHD and PaDEP (as coordinated by 3 Rivers Wet Weather Inc.) to negotiate the next round of consent orders for all municipalities tributary to the ALCOSAN system. During the interim, MATSF submitted a Corrective Action Plan (CAP) and Tap Allocation Requests to PaDEP. The most recent version of those requests dated December 12, 2019 was approved by PaDEP in correspondence dated January 2, 2020. As part of that request, MATSF specifically identified that Planning Modules were pending for the Badolato plan for 1 new dwelling unit. MATSF has requested that PaDEP approve Planning Modules during the interim period between consent orders.

Historically, MATSF maintains a database of on-going efforts for collection system operation and maintenance (O&M) and to reduce infiltration/inflow. Some of the most recent significant events that have had a beneficial impact on preserving system capacity and reducing the frequency of SSO's include:

- A mandatory time of sale inspection of private lateral sewers (that commenced in 2007) along with the purchase of Aries truck mounted sewer televising equipment in late 2009 allows for both main sewer inspection and lateral inspection via access from the sewer main. Also, in 2014, MATSF initiated an area-wide lateral inspection program that is not related to the sale/transfer of property, with the initial targeted area being the Millers Run subsystem.
- In 2012, MATSF completed a project that provided an emergency siphon connection to the ALCOSAN system just upstream of the Chartiers Creek Pump Station via a cross connection between the MATSF Chartiers Creek trunk sewer and the siphon pipe under Chartiers Creek that conveyed wastewater to ALCOSAN from the former Reichold industrial facility. That emergency siphon is capable of conveying up to 2 MGD between the MATSF sewer and the ALCOSAN system in the event of a major malfunction to the Chartiers Creek pump station or during severe storm events.
- Rehabilitation of the public portion of over 100 sanitary sewer service laterals between 2015 and 2017. The majority of those laterals were rehabilitated by use of cured in place liners that were inserted from the sewer main with a new full wrap wye connection. The overall cost for that work was in excess of \$500,000.
- In 2016, purchase and installation of 5 HACH flow meters placed at semi-permanent trunk sewer locations within the MATSF Chartiers Creek system. These meters are accessible via HACH's web interface that allows for essentially real time access. The meters also have alarm capabilities for surcharging and other selected parameters. 2 additional HACH meters were purchased in late 2019 for short term flow monitoring at various locations.
- To comply with the 2015 Consent Order, a flow reduction demonstration project was completed in the upper portion of the Millers Run Trunk Sewer in 2017. The project included manhole to manhole cured in place pipe lining for various sewer segments along with joint grouting of other sewer segments. The total construction cost was \$147,262.
- A source reduction study was submitted to PaDEP and ACHD on November 30, 2017. That study along with information in MATSF's annual wasteload management report provides significant additional details regarding efforts being undertaken to reduce infiltration/inflow and maximize system capacity.
- In March 2018, MATSF awarded a \$2.542 Million contract to Kukurin Contracting, Inc. for enhancements to the Millers Run Trunk Sewer involving replacing or paralleling 8,750 feet of the existing trunk sewer that was originally constructed in 1973. That project was completed in November 2018 and it provides for additional conveyance capacity for portions of the Millers Run watershed of South Fayette Township.

As part of the Planning Module approval process, a resolution revising the Township's official sewage plan must be executed by South Fayette Township. You must also submit a copy of the Planning Module Components along with this letter to ALCOSAN in order to obtain a letter for their conveyance and treatment capacity. Comments are also required from ACHD. The completed

package must be submitted to Mr. Thomas Flanagan at PaDEP for final approval. This procedure is not considered complete until PaDEP has provided written approval. Also, PaDEP and MATSF do not consider taps guaranteed until the appropriate connection charge is paid to MATSF.

Please don't hesitate to contact me should you have any questions on this information.

**THE MUNICIPAL AUTHORITY OF
THE TOWNSHIP OF SOUTH FAYETTE**

A handwritten signature in black ink, appearing to read "Jerry D. Brown", with a stylized flourish at the end.

**Jerry D. Brown
Managing Director**

CC: South Fayette Township



January 2, 2020

Re: Water Availability – 325 Fawcett Church Road

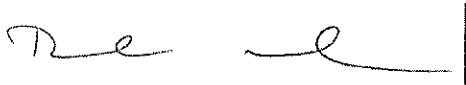
ATTN: Dave Kalina

This letter is to advise that Pennsylvania American Water, McMurray Operations, has an 8" HDPE water line available to provide service to the above referenced location. Water service would be provided under our Rules and Regulations as approved by the Pennsylvania Public Utility Commission.

A meeting at the site is required to verify the water line location and meter pit placement.

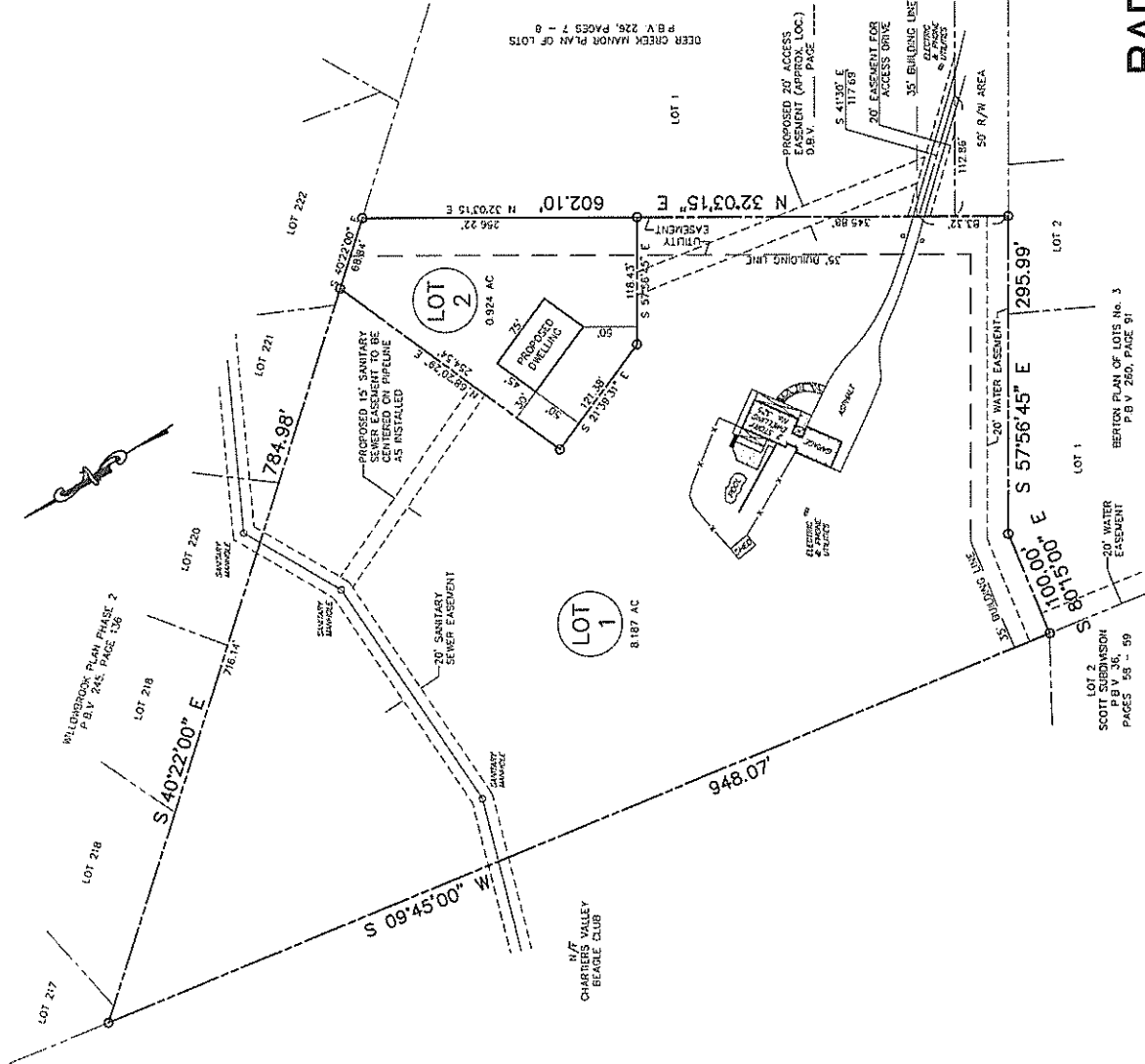
Please contact me for any questions or additional information.

Sincerely,



David J. Ward
Field Operations Superintendent
300 Galley Road
McMurray, PA 15317
724-873-3662

ATTACHMENTS



DEER CREEK MANOR PLAN OF LOTS
P.B.V. 226, PAGES 7 - 8

LOT 2
0.924 AC
PROPOSED BUILDING
20' x 30'

LOT 1
8.187 AC
PROPOSED BUILDING
20' x 30'

PROPERTY OWNERS
FRANK P. & VICTORIA M. BADOLATO
3245 PARKET CHURCH ROAD
BRIDGESVILLE, PA 15017

CURRENT TAX PARCEL
572-H-1

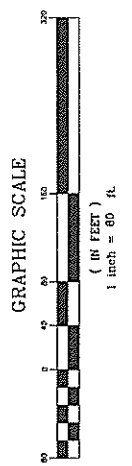
PROPOSED AREAS
LOT 1 305,621.1 SQ FT; 8.187 AC
LOT 2 40,253.3 SQ FT; 0.924 AC
TOTAL PLAN AREA 345,874.4 SQ FT; 9.111 AC

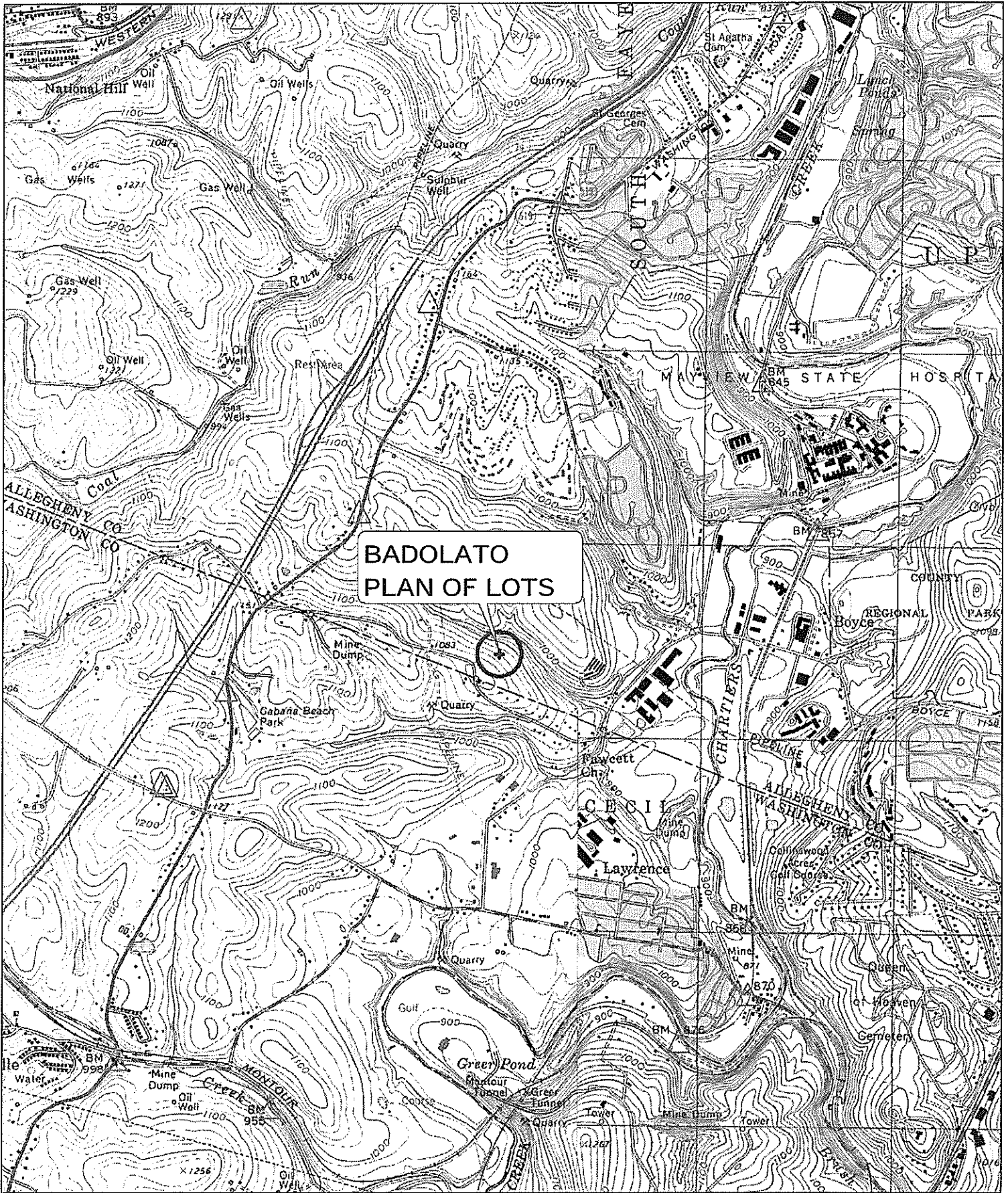
CURRENT ZONING
R-1 RURAL RESIDENTIAL
MINIMUM LOT AREA 22,000 SQ FT
MINIMUM LOT WIDTH 110 FEET
MINIMUM FRONT YARD SETBACK 40 FT
MINIMUM SIDE YARD SETBACK 10 FT
MINIMUM REAR YARD SETBACK 50 FT
(REQUIREMENTS SHOWN ARE WITH PUBLIC SEWERS)

BADOLATO PLAN OF LOTS

BEING A RESUBDIVISION OF LOT 2 IN THE DEER CREEK MANOR
PLAN OF LOTS AS RECORDED IN P.B.V. 226, PAGES 7 - 8.

PLAN MADE FOR	FRANK P. & VICTORIA M. BADOLATO
SITUATE IN	SOUTH FAYETTE TOWNSHIP ALLEGHENY COUNTY, PA
	LIADIS ENGINEERING & SURVEYING, INC. 3100 BANKSVILLE ROAD - PITTSBURGH, PA 15216





**BADOLATO
PLAN OF LOTS**

Name: CANONSBURG
 Date: 1/6/2020
 Scale: 1 inch equals 2000 feet

Location: 040° 19' 14.45" N 080° 07' 46.79" W
 Caption: BADOLATO PLAN
 FAWCETT CHURCH ROAD
 SOUTH FAYETTE TWP
 ALLEGHENY COUNTY, PA

Liadis Engineering & Surveying, Inc.

3100 Banksville Road
Pittsburgh, PA 15216-2733
Facsimile: (412) 341-6672
Telephone: (412) 341-6000

December 18, 2019

PROJECT NARRATIVE ASSOCIATED WITH THE
SEWAGE PLANNING MODULE FOR THE BADOLATO PLAN OF LOTS
SOUTH FAYETTE TOWNSHIP, ALLEGHENY COUNTY, PA

Frank and Victoria Badolato, the owners of a certain tract of land, designated as Allegheny County Tax ID Block 572-N, Lot 1, situate at 325 Fawcett Church Road in South Fayette Township are subdividing their property into two separate lots, creating one new building lot, requiring a Planning Module for the additional sewage flows generated by the proposed new dwelling. This project involves a simple subdivision, cutting a new 0.90 acre lot out of the original single 9 acre tract. A Planning Module for the additional sewage flows associated with this subdivision requires SHPO review of the site.

The proposed disturbance on the site shall be confined to the area of Lot 2 and the proposed driveway and sewer easement areas as shown on the attached subdivision plan.

As best as I can determine, this property had been a vacant, wooded tract as far back as could be verified, until approximately 20 years ago when the current dwelling on the property was constructed. As can be seen in the aerial photograph of the site, attached in the appendix to this narrative, the ground cover of the site is primarily woods with turf grasses in the vicinity of the existing house. One new dwelling is proposed for construction on the site. The new single family dwelling to be constructed on Lot 2, of the proposed subdivision plan.

This new lot and the proposed home associated with it will generate an additional 400 gal/day or 1 EDU of new flows. The sewage from this site shall flow through the existing South Fayette Township Municipal Authority system and into the Allegheny County Sanitary Authority's (ALCOSAN), Chartiers Creek Basin interceptor sewer. This interceptor continues downstream along Chartiers Creek, for treatment at the ALCOSAN treatment plant located on the Ohio River.

Based on a PNDI search through the Pennsylvania Department of Conservation and Natural Resources no impacts were indicated by any of the responding agencies.

If you have any questions, comments, concerns or require additional information, please contact me at your convenience. My phone number is 412-341-6000, Ext. 2 and my email is dave@liadisengineering.com.

Regards;



David M. Kalina, P.L.S.
Project Manager



Pennsylvania
Historical & Museum
Commission

PROJECT REVIEW FORM

Request to Initiate SHPO Consultation on
State and Federal Undertakings

SHPO USE ONLY		Reviewers: <u> </u> / <u> </u>
DATE RECEIVED: <u>1/28/20</u>	DATE DUE: <u>2/11/20</u>	
ER NUMBER: <u>2020-0715-003-4</u>		HRSP: <u> </u>

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 BADOLATO PLAN OF LOTS County Allegheny Municipality SOUTH FAYETTE TWP
 Project Address 325 FAWCETT CHURCH ROAD City/State/ Zip BRIDGEVILLE PA 15017

SECTION B: CONTACT INFORMATION & MAILING ADDRESS

Name David Kalina, Project Manager Phone (412) 341-6000
 Company Liadis Engineering & Surveying, Inc. Fax (412) 341-6672
 Street/PO Box 3100 Banksville Road Email dave@liadisengineering.com
 City/State/Zip Pittsburgh PA 15216

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)
	State		<u>DEP - Sewage Facilities Planning Module</u>

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: 9.111 Ac. Total acres of earth disturbance: 0.9 Ac.

Are there any buildings or structures within the project area? Yes No Approximate age of buildings: 20 yrs.

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 <input type="radio"/>	No <input checked="" type="radio"/>	Unsure <input type="radio"/>	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, 2 nd Floor Harrisburg, PA 17120-0093	Att	tion with this form
	<input checked="" type="checkbox"/>	tial Effect
	<input checked="" type="checkbox"/>	Descripti Describe the project, including any ground disturbance and previous land use
	<input checked="" type="checkbox"/>	Indicate past and present land use, location and dates of buildings, and proposed improvements
<input checked="" type="checkbox"/>	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 EFFECT on historic properties

The project will have NO ADVERSE EFFECTS on historic properties:

The project will have NO ADVERSE EFFECTS WITH CONDITIONS (see attached)

SHPO REQUESTS ADDITIONAL INFORMATION (see attached)

SHPO REVIEWER: Jessie Clark DATE: 1/31/2020

1. PROJECT INFORMATION

Project Name: **BADOLATO PROPERTY**

Date of Review: **12/26/2019 10:39:23 AM**

Project Category: **Development, Residential, subdivision which will contain 1-2 lots with 1-2 single family living units**

Project Area: **9.53 acres**

County(s): **Allegheny**

Township/Municipality(s): **SOUTH FAYETTE**

ZIP Code: **15017**

Quadrangle Name(s): **CANONSBURG**

Watersheds HUC 8: **Upper Ohio**

Watersheds HUC 12: **Middle Chartiers Creek**

Decimal Degrees: **40.318063, -80.129500**

Degrees Minutes Seconds: **40° 19' 5.272" N, 80° 7' 46.1990" 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

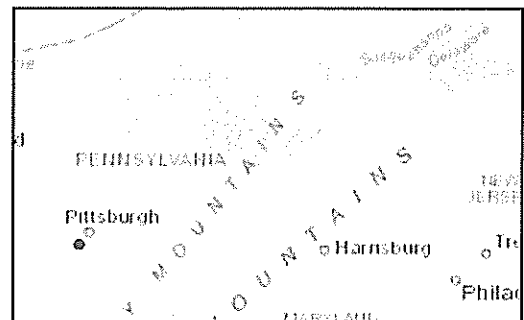
As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with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

BADOLATO PROPERTY

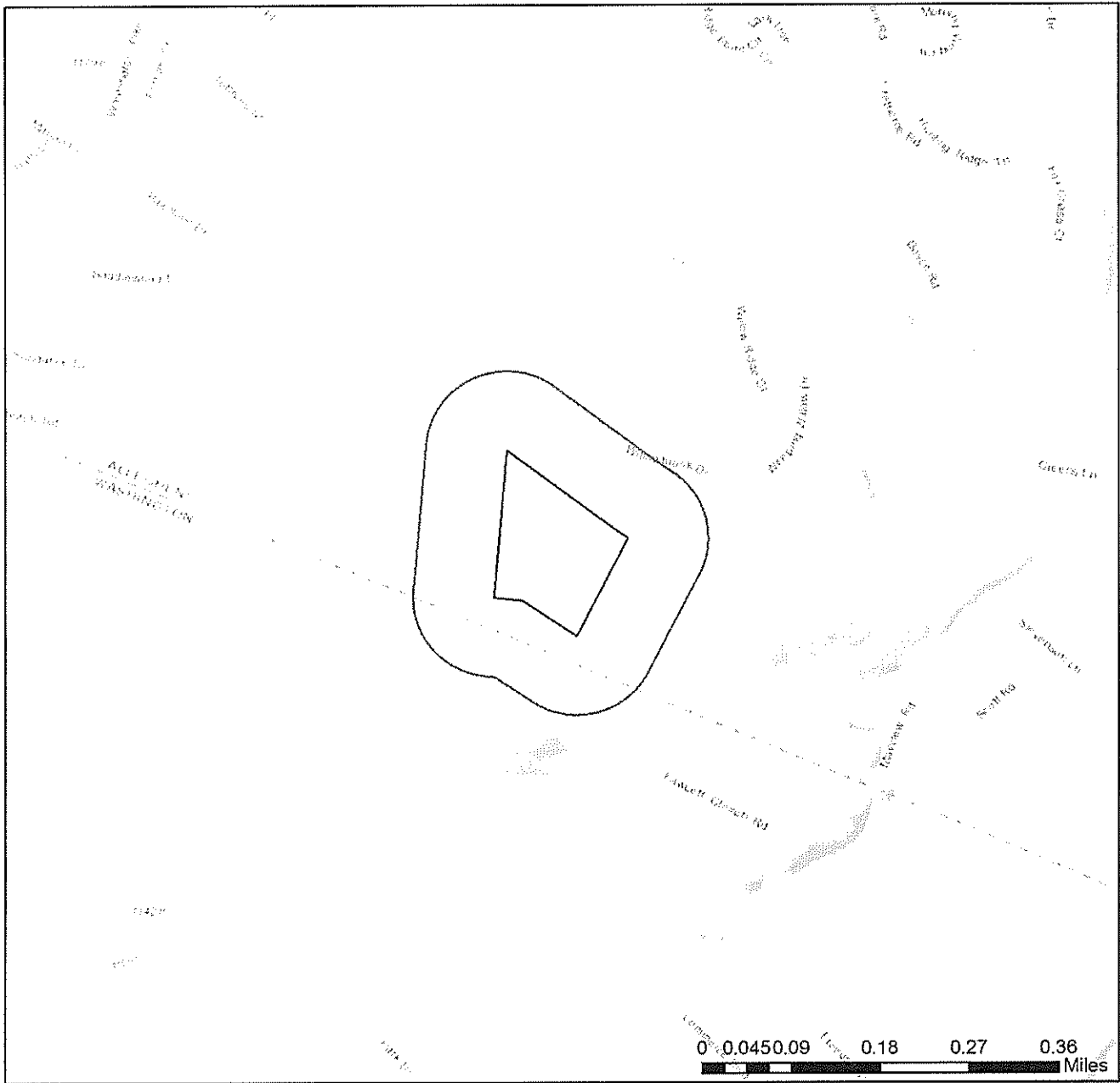


- Project Boundary
- Buffered Project Boundary

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

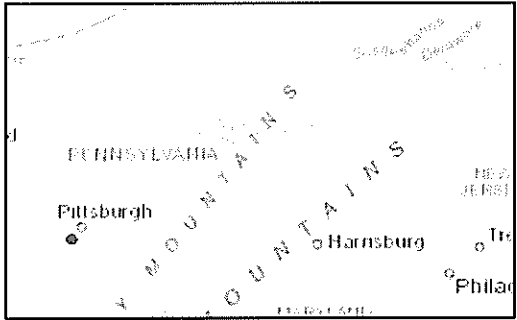


BADOLATO PROPERTY



- 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,



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: David Kalina
Company/Business Name: Liadis Engineering & Surveying, Inc.
Address: 3100 Bnaksville Road
City, State, Zip: Pittsburgh, PA 15216
Phone:() 412-341-6000, x2 Fax:() 412-341-6672
Email: dave@liadisengineering.com

8. CERTIFICATION

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


applicant/project proponent signature (Agent for Owner)

December 26, 2019
date