

# **Major Permit Modification**

**Municipal Authority of the City of Sunbury**

**Transfer Station Facility**

**Permit No. 101323**

**Sunbury**

**Northumberland County, PA**

**September 2020**

**Prepared for:**

**Municipal Authority of the City of Sunbury  
462 South 4<sup>th</sup> Street  
Sunbury, PA 17801**

**Prepared By:**

**Uni-Tec Consulting Engineers, Inc.  
2007 Cato Avenue  
State College, PA 16801-2765  
(814) 238-8223**

**File No. 0372-008-009**



# Municipal Authority of the City of Sunbury

## Transfer Station

### Major Permit Modification

## Table of Contents

Cover Letter .....	1
Transfer Station Application Fee Check .....	2
Narrative .....	3
Checklist.....	5

#### FORMS:

GIF – General Information Form .....	9
Form A – Application for Municipal or Residual Waste Permit .....	17
Form B – Professional Certification .....	22
Form B1 – Application for Certification .....	25
Form C1 – Compliance History Certification .....	27
Form HW-C – Compliance History .....	45
Form D – Environmental Assessment .....	67
Form E – Contractual Consent of Landowner .....	161
Form G (A) – Air Resource Protection .....	166
Form O - Transfer Facilities .....	174
Form 5 – Map Requirements .....	181
Form 46 – Relationship Between Municipal Waste Management Plans & Permits .....	184
Bonding Worksheet Instructions .....	187
Transfer Stations .....	194
Pennsylvania Enterprise Registration .....	205

#### PUBLIC NOTIFICATION:

Newspaper of General Circulation.....	207
Contiguous Landowners (List).....	211
Host Municipality or Municipalities .....	226



September 15, 2020  
File No. 0372-008-009

Pennsylvania Department of Environmental Protection  
North-central Regional Office  
Waste Management  
Attn: Ms. Lisa D. Houser  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

RE: Municipal Authority of the City of Sunbury – Transfer Station Facility  
Permit No. 101323  
Major Permit Modification

Dear Ms. Houser:

Enclosed is an application for a “Major Permit Modification” for the Municipal Authority of the City of Sunbury Solid Waste Transfer Station Permit No. 101323 as well as a check in the amount of \$700.00, made payable to the Commonwealth, as required in Form A. Additional copies of the Major Permit Modification are available, at your request.

Should you have any questions, or need further information, please don’t hesitate to contact me at (814) 238-8223, ext. 302 or via email at [jlb@uni-tec.com](mailto:jlb@uni-tec.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey L. Bowman", written over a horizontal line.

Jeffrey L. Bowman, E.I.T.  
Project Manager

JLB/smd

Enclosures

Email cc: Jason Neidig, Michael Kerstetter, SMA (w/encl.)  
Michael Balducci, Esquire, Solicitor for SMA (w/encl.)  
Patrick J. Ward, P.E., UTCE (w/encl.)

## Narrative

The Municipal Authority of the City of Sunbury currently operates a solid waste transfer station located on Fawn Lane in the City of Sunbury, Pennsylvania; DEP Permit Number 101323. The following application is a major amendment to the current operational permit. This amendment includes both proposed infrastructure changes to the site as well as operational changes. The proposed changes will allow the facility to operate at higher tonnage and be compliant with the current PADEP regulations for a solid waste transfer station.

Currently, the facility is permitted to operate at an average of 80 tons per day with a maximum of 100 tons per day. This major permit modification is proposing to increase the tonnage limit to a maximum of 300 tons per day. This increase in tonnage will allow the transfer station to better serve the City of Sunbury and the local community. There are days where the station reaches its daily max tonnage limit, and the Authority Staff are required to reject all incoming waste for the remainder of the day.

The increase in tonnage is proposed due to an interest of local business waste collectors. The local businesses waste collectors have been turned down from dumping at the station due to the daily limit exceedance. The tonnage increase will eliminate the local business waste collectors from traveling to Lycoming Landfill-Allenwood which is 30 minutes away from the City of Sunbury.

Infrastructure changes to the site include an expansion of the existing tipping floor roof and the addition of walls and fencing to better control trash. The current roof only covers a portion of the tipping floor and can allow elements such as rain and snow to saturate the waste. The larger roof will help protect the waste from the elements and make the tipping floor safer for all that are using it. The proposed walls and fencing will help prevent blowing trash from leaving the site.

The Authority is also proposing to have the ability to dump waste directly onto the tipping floor. This change will allow for better loading of the hauling trucks as the facility's employees will be loading the trailers. This change will also help limit the number of people adjacent to the edge of the tipping floor helping to improve the safety of the site.

In order to increase the efficiency of the site the Authority is proposing to install low profile scales where the trailers are loaded. This will allow the facility's employees a way to monitor the weight of the trailers as they are filled. Currently they need to move the trailer to the scale house to determine if it has reached

its load capacity. By monitoring the load as they fill each trailer the operations will be able to accurately fill each trailer and not require them to add or remove trash once the trailer is done being loaded.

In addition to the changes proposed in this application, the Authority submitted a minor permit modification in June of 2020 to expand the current hours of operation per day to 24 hours a day, 7 days a week operation. The permit modification also proposed the use of a tare weight system for vehicles that use the facility frequently. Infrastructure changes in the minor plan included a leachate trench and additional curbing along the edge of pavement.

## CHECKLIST – MAJOR MODIFICATION TO A MUNICIPAL OR RESIDUAL WASTE TRANSFER STATION PERMIT

This checklist is to assist the Department and the Applicant in assuring that all the forms, notices, documentation and fees required for a major modification to a transfer station permit have been addressed. This checklist should be signed by the Applicant and submitted to the Department as part of the application package. Failure to do so may cause the application to be administratively incomplete and ineligible for Permit Decision Guarantee (PDG).<sup>1</sup>

This checklist will be utilized by the Department and Applicant during the pre-application meeting to indicate the forms and other information which must be included in the application and public notifications that are needed. The Department will check the appropriate box in the first two columns to indicate the forms and information required ("Req") or not applicable ("N/A"). The Applicant will then ensure the required forms and information are included in the application by checking the corresponding box in the third column.

In cases where no pre-application meeting is held, the Applicant will indicate what forms are included in the application by checking the appropriate boxes in the third column.

The most current version of the forms found on the Department's online eLibrary should be utilized.

Name of Applicant or Permittee Municipal Authority of the City of Sunbury

Permit No. (if applicable) 101323

### Links to the Department Website for All Permit Application Forms:

<b>Municipal Waste</b>	<a href="http://www.portal.state.pa.us/portal/server.pt?open=514&amp;objID=589662&amp;mode=2">http://www.portal.state.pa.us/portal/server.pt?open=514&amp;objID=589662&amp;mode=2</a>
<b>Residual Waste</b>	<a href="http://www.portal.state.pa.us/portal/server.pt?open=514&amp;objID=589687&amp;mode=2">http://www.portal.state.pa.us/portal/server.pt?open=514&amp;objID=589687&amp;mode=2</a>

### Standard Permit Forms

Req.	N/A	√	Name	Form No. (Municipal)	Form No. (Residual)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	GIF - General Information Form	1300-PM-BIT0001	1300-PM-BIT0001
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form A - Application	2540-PM-BWM0357	2540-PM-BWM0357
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form B - Professional Certification	2540-PM-BWM0358	2540-PM-BWM0358
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form B1 - Application for Certification	2540-PM-BWM0359	2540-PM-BWM0359

<sup>1</sup>DISCLAIMER: The process and procedures outlined in this Checklist are intended to supplement existing requirements. Nothing in the Checklist shall affect regulatory requirements.

The process, procedures and interpretations herein are not an adjudication or a regulation. There is no intent on the part of DEP to give the rules in this Checklist that weight or deference. This document establishes the framework within which DEP will exercise its administrative discretion in the future. DEP reserves the discretion to deviate from this policy statement if circumstances warrant.

DEP reserves the right to supplement the list of forms and information included on this Checklist at any time during the permit review process. This Checklist should not be construed as an exhaustive list of forms and information to be submitted by the Applicant.

**Standard Permit Forms (cont.)**

Req.	N/A	√	Name	Form No. (Municipal)	Form No. (Residual)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form C1 - Compliance History Certification <sup>2</sup>	2540-PM-BWM0351	2540-PM-BWM0351
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form HW-C - Compliance History <sup>2</sup>	2540-FM-BWM0058	2540-FM-BWM0058

<sup>2</sup>Either Form C1 OR Form HW-C should be submitted depending on the modification requested.

**Additional Forms Required Based on the Modification Requested**

Req.	N/A	√	Name	Form No. (Municipal)	Form No. (Residual)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form D - Environmental Assessment	2540-PM-BWM0172	2540-PM-BWM0172
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form E – Contractual Consent of Landowner	2540-PM-BWM0353	2540-PM-BWM0353
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form G (A) - Air Resource Protection	2540-FM-BWM0391a	2540-FM-BWM0391a
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form I - Soil Erosion and Sedimentation Control	2540-PM-BWM0390	2540-PM-BWM0390
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form L - Contingency Plan	2540-PM-BWM0384	2540-PM-BWM0384
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form O – Transfer Facilities	2540-PM-BWM0382	2540-PM-BWM0382
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form R - Waste Analyses/Classification	2540-PM-BWM0396	2540-PM-BWM0396
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form R1 - Waste Analysis and Classification	2540-PM-BWM0001	2540-PM-BWM0001
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form X - Radiation Protection Action Plan	2500-FM-BWM0430	2500-FM-BWM0430
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form 5 - Map Requirements	2540-PM-BWM0154	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form 5R - Map Requirements		2540-PM-BWM0363
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form 8 - Baseline Groundwater Analysis, Phase I	2540-PM-BWM0178	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form 8R - Baseline Groundwater Analysis		2540-PM-BWM0367
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form 12R - Operation Plan		2540-PM-BWM0081
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form 14 - Operation Plan	2540-PM-BWM0011	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form 23R – Control Plans		2540-PM-BWM0392
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form 25R - Source Reduction Strategy		2540-PM-BWM0349

**Additional Forms Required Based on the Modification Requested (cont.)**

Req.	N/A	√	Name	Form No. (Municipal)	Form No. (Residual)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form 35 - Approval to Process or Dispose of Processed Infectious/Chemotherapeutic Waste	2540-PM-BWM0157	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form 36 - Approval Request to Dispose Incinerator Ash Residue	2540-PM-BWM0155	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form 43 - Request for Approval to Dispose or Process Sewage Sludge	2540-PM-BWM0199	

**Bonding Worksheets**

Req.	N/A	√	Name	Form No. (Municipal)	Form No. (Residual)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bonding Worksheet Instructions	2540-FM-BWM0580	2540-FM-BWM0580
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Transfer Stations	2540-FM-BWM0583	2540-FM-BWM0583

**Public Notification Under 25 Pa. Code Chapters 271.141 and 287.151**

Req.	N/A	√	Type	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Newspaper of general circulation	3 consecutive weeks beginning _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Contiguous land owners (list)	_____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Host Municipality or Municipalities:	_____

**Confidential Information Under 25 Pa. Code Chapters 271.5 and 287.5, and the Bureau of Waste Management's "Procedures for Handling Confidential Information Requests" document.**

Req.	N/A	√	Description
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If proposed by the applicant, a demonstration that application information satisfies the regulatory requirements for confidentiality.

**Registration with Pennsylvania Department of State**

Req.	√	Name	Form No.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pennsylvania Enterprise Registration	PA-100

**Application Fee**

Req.	N/A	√	Authorization Type	Amount
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Additional Types of Waste Not Approved in the Permit (Municipal)	\$300
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Additional Types of Waste Not Approved in the Permit (Residual)	\$600
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Transfer Station	\$700

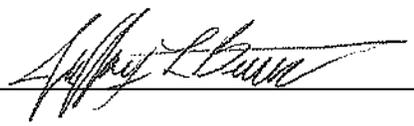
**Additional Application Copies**

Req.	N/A	√	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	One original and 3 (2 can be electronic as long as the applicant understands that if the county or township request a hard copy, it will be the applicant's responsibility to provide additional hard copies.) additional copies of the application

**Public Notification and Comment Under 25 Pa. Code Chapters 271.142-144, 271.202, and 287.152-154, and the Department's "Local Municipality Involvement Process" Policy, Document Number 254-2100-100.**

√	Type
<input checked="" type="checkbox"/>	Publication in the <i>Pennsylvania Bulletin</i>
<input type="checkbox"/>	30-day Public Comment Period
<input type="checkbox"/>	Public Hearing(s) may be required
<input checked="" type="checkbox"/>	Local Municipality Involvement Process

**Notes/Additional Comments**

Signature of Applicant or Authorized Representative:  Date: 9/11/20

Printed Name: Jeffrey L. Bowman Title: Project Engineer

## General Information Form

---

Form



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

## GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the Department.

<b>Related ID#s (If Known)</b>		<b>DEP USE ONLY</b>	
<b>Client ID#</b> _____	<b>APS ID#</b> _____	Date Received & General Notes	
<b>Site ID#</b> _____	<b>Auth ID#</b> _____		
<b>Facility ID#</b> 101323			

### CLIENT INFORMATION

<b>DEP Client ID#</b> 41774	<b>Client Type / Code</b> Munic/Auth			
<b>Organization Name or Registered Fictitious Name</b> The Municipal Authority of the City of Sunbury		<b>Employer ID# (EIN)</b> 246001871	<b>Dun &amp; Bradstreet ID#</b>	
<b>Individual Last Name</b> NA	<b>First Name</b> NA	<b>MI</b> NA	<b>Suffix</b> NA	<b>SSN</b> NA
<b>Additional Individual Last Name</b> NA	<b>First Name</b> NA	<b>MI</b> NA	<b>Suffix</b> NA	<b>SSN</b> NA
<b>Mailing Address Line 1</b> 462 South 4 <sup>th</sup> Street		<b>Mailing Address Line 2</b>		
<b>Address Last Line – City</b> Sunbury		<b>State</b> PA	<b>ZIP+4</b> 17801	<b>Country</b> US
<b>Client Contact Last Name</b> Kerstetter	<b>First Name</b> Mike	<b>MI</b> A	<b>Suffix</b>	
<b>Client Contact Title</b> Solid Waste Manager		<b>Phone</b> 570-286-8997		<b>Ext</b> 0
<b>Email Address</b> MKerstetter@ptd.net		<b>FAX</b> 570-286-7275		

### SITE INFORMATION

<b>DEP Site ID#</b> 101323	<b>Site Name</b> Sunbury Municipal Authority Solid Waste Department				
<b>EPA ID#</b>	<b>Estimated Number of Employees to be Present at Site</b>			4	
<b>Description of Site</b> Solid Waste Transfer Station					
<b>County Name</b> Northumberland	<b>Municipality</b> Sunbury	<b>City</b> <input checked="" type="checkbox"/>	<b>Boro</b> <input type="checkbox"/>	<b>Twp</b> <input type="checkbox"/>	<b>State</b>
<b>County Name</b>	<b>Municipality</b>	<b>City</b> <input type="checkbox"/>	<b>Boro</b> <input type="checkbox"/>	<b>Twp</b> <input type="checkbox"/>	<b>State</b>
<b>Site Location Line 1</b> Fawn Lane		<b>Site Location Line 2</b>			
<b>Site Location Last Line – City</b> Sunbury		<b>State</b> PA	<b>ZIP+4</b> 17801		
<b>Detailed Written Directions to Site</b> South on 4 <sup>th</sup> St. to the dead end, take the lane to the left and follow it directly to the facility					
<b>Site Contact Last Name</b> Kerstetter	<b>First Name</b> Mike	<b>MI</b> A	<b>Suffix</b>		
<b>Site Contact Title</b> Solid Waste Manager		<b>Site Contact Firm</b> Sunbury Municipal Authority			
<b>Mailing Address Line 1</b> 462 South 4 <sup>th</sup> Street		<b>Mailing Address Line 2</b>			

<b>Mailing Address Last Line – City</b> Sunbury			<b>State</b> PA	<b>ZIP+4</b> 17801
<b>Phone</b> 570-286-5858	<b>Ext</b>	<b>FAX</b> 570-286-7162	<b>Email Address</b>	
<b>NAICS Codes</b> (Two- & Three-Digit Codes – List All That Apply)				<b>6-Digit Code</b> (Optional) 562111

**Client to Site Relationship**  
OWNOP

**FACILITY INFORMATION**

**Modification of Existing Facility**

<b>1. Will this project modify an existing facility, system, or activity?</b>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<b>2. Will this project involve an addition to an existing facility, system, or activity?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*If "Yes", check all relevant facility types and provide DEP facility identification numbers below.*

Facility Type	DEP Fac ID#	Facility Type	DEP Fac ID#
<input type="checkbox"/> Air Emission Plant	_____	<input type="checkbox"/> Industrial Minerals Mining Operation	_____
<input type="checkbox"/> Beneficial Use (water)	_____	<input type="checkbox"/> Laboratory Location	_____
<input type="checkbox"/> Blasting Operation	_____	<input type="checkbox"/> Land Recycling Cleanup Location	_____
<input type="checkbox"/> Captive Hazardous Waste Operation	_____	<input type="checkbox"/> Mine Drainage Trmt/Land Recy Proj Location	_____
<input type="checkbox"/> Coal Ash Beneficial Use Operation	_____	<input checked="" type="checkbox"/> Municipal Waste Operation	101323
<input type="checkbox"/> Coal Mining Operation	_____	<input type="checkbox"/> Oil & Gas Encroachment Location	_____
<input type="checkbox"/> Coal Pillar Location	_____	<input type="checkbox"/> Oil & Gas Location	_____
<input type="checkbox"/> Commercial Hazardous Waste Operation	_____	<input type="checkbox"/> Oil & Gas Water Poll Control Facility	_____
<input type="checkbox"/> Dam Location	_____	<input type="checkbox"/> Oil & Gas Wastewater Storage Impoundment	_____
<input type="checkbox"/> Deep Mine Safety Operation -Anthracite	_____	<input type="checkbox"/> Public Water Supply System	_____
<input type="checkbox"/> Deep Mine Safety Operation -Bituminous	_____	<input type="checkbox"/> Radiation Facility	_____
<input type="checkbox"/> Deep Mine Safety Operation -Ind Minerals	_____	<input type="checkbox"/> Residual Waste Operation	_____
<input type="checkbox"/> Encroachment Location (water, wetland)	_____	<input type="checkbox"/> Storage Tank Location	_____
<input type="checkbox"/> Erosion & Sediment Control Facility	_____	<input type="checkbox"/> Water Pollution Control Facility	_____
<input type="checkbox"/> Explosive Storage Location	_____	<input type="checkbox"/> Water Resource	_____
		<input type="checkbox"/> Other:	_____

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
SMA Water Plant	40	51	36	76	46	19

**Horizontal Accuracy Measure**      Feet      --or--      Meters

**Horizontal Reference Datum Code**

North American Datum of 1927

North American Datum of 1983

World Geodetic System of 1984

**Horizontal Collection Method Code**

**Reference Point Code**

**Altitude**      Feet      448      --or--      Meters

**Altitude Datum Name**

The National Geodetic Vertical Datum of 1929

The North American Vertical Datum of 1988 (NAVD88)

**Altitude (Vertical) Location Datum Collection Method Code**

**Geometric Type Code**

**Data Collection Date**

**Source Map Scale Number**      Inch(es)      =      Feet

--or--      Centimeter(s)      =      Meters

**PROJECT INFORMATION**

**Project Name**  
Solid Waste Transfer Station Tonnage Increase - Roof Replacement

**Project Description**  
Increase in the tonnage of the transfer station, expand the existing roof structure to cover the complete tipping floors, add additional walls and fencing to contain trash.

<b>Project Consultant Last Name</b> Ward	<b>First Name</b> Patrick	<b>MI</b> J.	<b>Suffix</b>
---	------------------------------	-----------------	---------------

<b>Project Consultant Title</b> Project Manager	<b>Consulting Firm</b> Uni-Tec Consulting Engineers Inc.
--	---

**Mailing Address Line 1**  
2007 Cato Avenue

**Mailing Address Line 2**

**Address Last Line – City**  
State College

**State**  
PA

**ZIP+4**  
16801

Phone	Ext	FAX	Email Address
814-238-8223	323	814-238-7808	pjw@uni-tec.com

Time Schedules	Project Milestone (Optional)
July 2020	Submit Permit
February 2021	Bid Project
March 2021	Sign Contract
April 2021	Begin Construction
August 2021	Complete Project

1. **Have you informed the surrounding community and addressed any concerns prior to submitting the application to the Department?**  Yes  No
2. **Is your project funded by state or federal grants?**  Yes  No  
**Note:** If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.  
 Aspect of Project Related to Grant \_\_\_\_\_  
 Grant Source: \_\_\_\_\_  
 Grant Contact Person: \_\_\_\_\_  
 Grant Expiration Date: \_\_\_\_\_

3. **Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions)**  Yes  No  
**Note:** If "No" to Question 3, the application is not subject to the Land Use Policy.  
 If "Yes" to Question 3, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

**LAND USE INFORMATION**

**Note:** Applicants are encouraged to submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1. **Is there an adopted county or multi-county comprehensive plan?**  Yes  No
2. **Is there an adopted municipal or multi-municipal comprehensive plan?**  Yes  No
3. **Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**  Yes  No  
**Note:** If the Applicant answers "No" to either Questions 1, 2 or 3, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 4 and 5 below.  
 If the Applicant answers "Yes" to questions 1, 2 and 3, the Applicant should respond to questions 4 and 5 below.
4. **Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?**  Yes  No  
 If zoning approval has been received, attach documentation.
5. **Have you attached Municipal and County Land Use Letters for the project?**  Yes  No

### COORDINATION INFORMATION

**Note:** The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 and the accompanying Cultural Resource Notice Form.

**If the activity will be a mining project** (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

**If the activity will not be a mining project**, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	Is this a coal mining project? If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
1.1	Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.2	Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.3	Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.4	For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.5	Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.6	Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.0	Is this a non-coal (industrial minerals) mining project? If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
2.1	Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.2	Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.3	Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.4	For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.5	Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

3.0	Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well? If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
3.1	Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.2	Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system? If "Yes", discuss in <i>Project Description</i> .	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.3	Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0	Will the project involve a construction activity that results in earth disturbance? If "Yes", specify the total disturbed acreage. 4.0.1 Total Disturbed Acreage 0.3	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.0	Does the project involve any of the following? If "Yes", respond to 5.1-5.3. If "No", skip to Question 6.0.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
5.1	Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.2	Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.3	Floodplain Projects by the commonwealth, a Political Subdivision of the commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
6.0	Will the project involve discharge of stormwater or wastewater from an industrial activity to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
7.0	Will the project involve the construction and operation of industrial waste treatment facilities?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
8.0	Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations? If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the <i>Project Description</i> , where applicable. 8.0.1 Estimated Proposed Flow (gal/day)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
9.0	Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system? 9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
10.0	Is this project for the beneficial use of biosolids for land application within Pennsylvania? If "Yes" indicate how much (i.e. gallons or dry tons per year). 10.0.1 Gallons Per Year (residential septage) _____ 10.0.2 Dry Tons Per Year (biosolids) _____	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

11.0	Does the project involve construction, modification or removal of a dam? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
11.0.1	Dam Name				
12.0	Will the project interfere with the flow from, or otherwise impact, a dam? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
12.0.1	Dam Name				
13.0	Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)? If "Yes", identify each type of emission followed by the amount of that emission.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
13.0.1	Enter all types & amounts of emissions; separate each set with semicolons.				
14.0	Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year? If "Yes", check all proposed sub-facilities.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
14.0.1	Number of Persons Served				
14.0.2	Number of Employee/Guests				
14.0.3	Number of Connections				
14.0.4	Sub-Fac: Distribution System	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.5	Sub-Fac: Water Treatment Plant	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.6	Sub-Fac: Source	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.7	Sub-Fac: Pump Station	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.8	Sub Fac: Transmission Main	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.9	Sub-Fac: Storage Facility	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
15.0	Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0	Is your project to be served by an existing public water supply? If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
16.0.1	Supplier's Name Sunbury Municipal Authority				
16.0.2	Letter of Approval from Supplier is Attached	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
17.0	Will this project involve a new or increased drinking water withdrawal from a stream or other water body? If "Yes", should reference both Water Supply and Watershed Management.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
17.0.1	Stream Name				
18.0	Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste? If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
18.0.1	Type & Amount				
19.0	Will your project involve the removal of coal, minerals, etc. as part of any earth disturbance activities?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
20.0	Does your project involve installation of a field constructed underground storage tank? If "Yes", list each Substance & its Capacity. <b>Note:</b> Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
20.0.1	Enter all substances & capacity of each; separate each set with semicolons.				
21.0	Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility? If "Yes", list each Substance & its Capacity. <b>Note:</b> Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
21.0.1	Enter all substances & capacity of each; separate each set with semicolons.				

**22.0** Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724? If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.  Yes  No

**22.0.1** Enter all substances & capacity of each; separate each set with semicolons.

**23.0** Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons? If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.  Yes  No

**23.0.1** Enter all substances & capacity of each; separate each set with semicolons.

**24.0** Will the intended activity involve the use of a radiation source?  Yes  No

**CERTIFICATION**

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

Type or Print Name Jeffrey L. Bowman

  
Signature

Project Engineer  
Title

9/11/20  
Date

## **Form A – Application for Municipal or Residual Waste Permit**

---

**FORM A**  
**APPLICATION FOR MUNICIPAL OR RESIDUAL WASTE PERMIT**

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided herein. Replacement/substitution of or attachment to this form is prohibited. Improperly completed forms may be rejected by the Department, may be considered to be violations of the Department's Rules and Regulations, and may result in assessment of fines and penalties.

**SECTION A. APPLICANT IDENTIFIER (Check one of the boxes and identify both)**

<input type="checkbox"/> Owner	Name: Municipal Authority of the City of Sunbury Address: 462 S. 4 <sup>th</sup> Street, Sunbury, PA 17801	Phone #: 570-988-1930 Email: mak12@ptd.net
<input checked="" type="checkbox"/> Operator	Name: Municipal Authority of the City of Sunbury Address: 462 S. 4 <sup>th</sup> Street, Sunbury, PA 17801	Phone #: 570-988-1930 Email: mak12@ptd.net

**SECTION B. TYPE OF FACILITY**

Municipal Waste Landfill.....	<input type="checkbox"/>	Residual Waste Landfill .....	<input type="checkbox"/>
Construction/Demolition Waste Landfill.....	<input type="checkbox"/>	Class I.....	<input type="checkbox"/>
Municipal Waste Composting Facility.....	<input type="checkbox"/>	Class II.....	<input type="checkbox"/>
Municipal Waste Incinerator or Resource Recovery Facility...	<input type="checkbox"/>	Class III.....	<input type="checkbox"/>
Municipal Waste Demonstration Facility .....	<input type="checkbox"/>	Residual Waste Disposal Impoundment	
Municipal Waste Transfer Facility .....	<input checked="" type="checkbox"/>	Class I.....	<input type="checkbox"/>
Municipal Waste Processing Facility.....	<input type="checkbox"/>	Class II.....	<input type="checkbox"/>
Other, Specify.....	<input type="checkbox"/>	Residual Waste Composting Facility .....	<input type="checkbox"/>
		Residual Waste Demonstration Facility .....	<input type="checkbox"/>
		Residual Waste Transfer Facility .....	<input type="checkbox"/>
		Residual Waste Incinerator or Other Processing Facility ....	<input type="checkbox"/>
		Residual Waste Agricultural Utilization .....	<input type="checkbox"/>
		Residual Waste Land Reclamation.....	<input type="checkbox"/>
		Oil and Gas Wastewater Storage Impoundment .....	<input type="checkbox"/>
		Other, Specify .....	<input type="checkbox"/>

**SECTION C. MAP LOCATION**

U.S.G.S. Map Location of Facility (attach the map and identify location on the USGS map)  
 7.5" Map Name Sunbury  
 Center of Facility:  
 Latitude 40 ° 51 ' 12 " Longitude 76 ° 47 ' 19 "

**SECTION D. GENERAL INFORMATION**

Number of New Acres Proposed for Permit (Issued) <u>0 • 0</u>	Number of Acres Proposed for Permit (New) <u>N/A •</u>
Total Acres of the Property <u>3 • 9</u>	
Number of Previously Permitted Acres <u>3 • 9</u>	Current Permit ID Number(s) <u>101323</u>

## SECTION E. AFFIDAVIT

COMMONWEALTH/STATE OF Pennsylvania

SS: \_\_\_\_\_

COUNTY OF NorthumberlandSworn and subscribed to before me this 2<sup>nd</sup> dayof July 19 2020

Commonwealth of Pennsylvania - Notary Seal  
 Emily Reis, Notary Public  
 Northumberland County  
 My commission expires March 17, 2023  
 Commission number 1261159  
 Member, Pennsylvania Association of Notaries

Emily Reis

NOTARY PUBLIC

My Commission Expires

3/17/2023Print or type name to be Signed: JASON NEIDIGDate 7/2/20Date: 7/2/20I, Jason Neidig do hereby certify pursuant to the penalties of 18 Pa. C.S.A.

(Signature of Applicant)

Section 4904 to the best of my knowledge, information, and belief that the information contained in this application is true and correct and is in conformance with 25 PA. Code Chapters 271 or 287, whichever is applicable, of the rules and regulations of the Department of Environmental Protection.

## SECTION F. APPLICATION FEE

## A. Municipal Facilities

## i. Application for new permit, or repermitting. (ref. 271.128)

- \$18,500 - Municipal Waste Landfill  
 \$19,250 - Construction/Demolition Waste Landfill  
 \$4,400 - Transfer Facility  
 \$1,900 - Incinerator or Resource Recovery Facility  
 \$4,000 - Other Municipal Waste Processing Facility, including Composting Facility  
 \$17,300 - Demonstration Facility

## ii. Application for a major permit modification.

- \$300 - Addition of types of waste not approved in the permit  
 \$7,800 - Municipal Waste Landfill and Construction/Demolition Waste Landfill  
 \$700 - Transfer Facility  
 \$1,500 - Incinerator or Resource Recovery Facility  
 \$700 - Other Municipal Waste Processing Facility, including Composting Facility  
 \$6,700 - Demonstration Facility

iii.  \$300 - Permit Reissuanceiv.  \$300 - Permit Renewalv.  \$300 - Minor Permit Modification

**SECTION F. APPLICATION FEE (Continued)**

A. Residual Facilities

i. Application for new permit, or repermitting. (ref. 287.141)

- \$25,900 – Residual Waste Landfill
- \$8,500 – Residual Waste Disposal Impoundment
- \$5,200 – Residual Waste Transfer Facility
- \$8,300 – Residual Waste Noncaptive Incinerator
- \$2,200 – Residual Waste Captive Incinerator
- \$5,200 – Other Waste Processing Facility, including Composting Facility
- \$8,500 – Residual Waste Demonstration Facility
- \$5,100 – Residual Waste Land Reclamation
- \$5,100 – Residual Waste Agricultural Utilization
- \$8,500 – Oil and Gas Wastewater Storage Impoundment

ii. Application for a major permit modification.

- \$600 – Addition of types of waste not approved in the permit
- \$7,800 – Residual Waste Landfill
- \$600 – Residual Waste Agricultural Utilization
- \$1,900 – Residual Waste Land Reclamation
- \$1,500 – Residual Waste Incinerator Facility
- \$700 – Residual Waste Transfer or Other Processing Facility, including Composting Facility
- \$5,800 – Residual Waste Demonstration Facility
- \$4,600 – Residual Waste Disposal Impoundment
- \$4,600 – Oil and Gas Wastewater Storage Impoundment

iii.  \$400 – Residual Waste Permit Reissuance

iv.  \$300 – Residual Waste Permit Renewal

v.  \$300 – Residual Waste Minor Permit Modification

**SECTION G. PUBLIC NOTICE - SECTION 271.141 (MUNICIPAL), 287.151 (RESIDUAL)**

For a new permit, major permit modification, permit renewal, permit reissuance, and submission of a closure plan, attach the proof of public notice for each of the following:

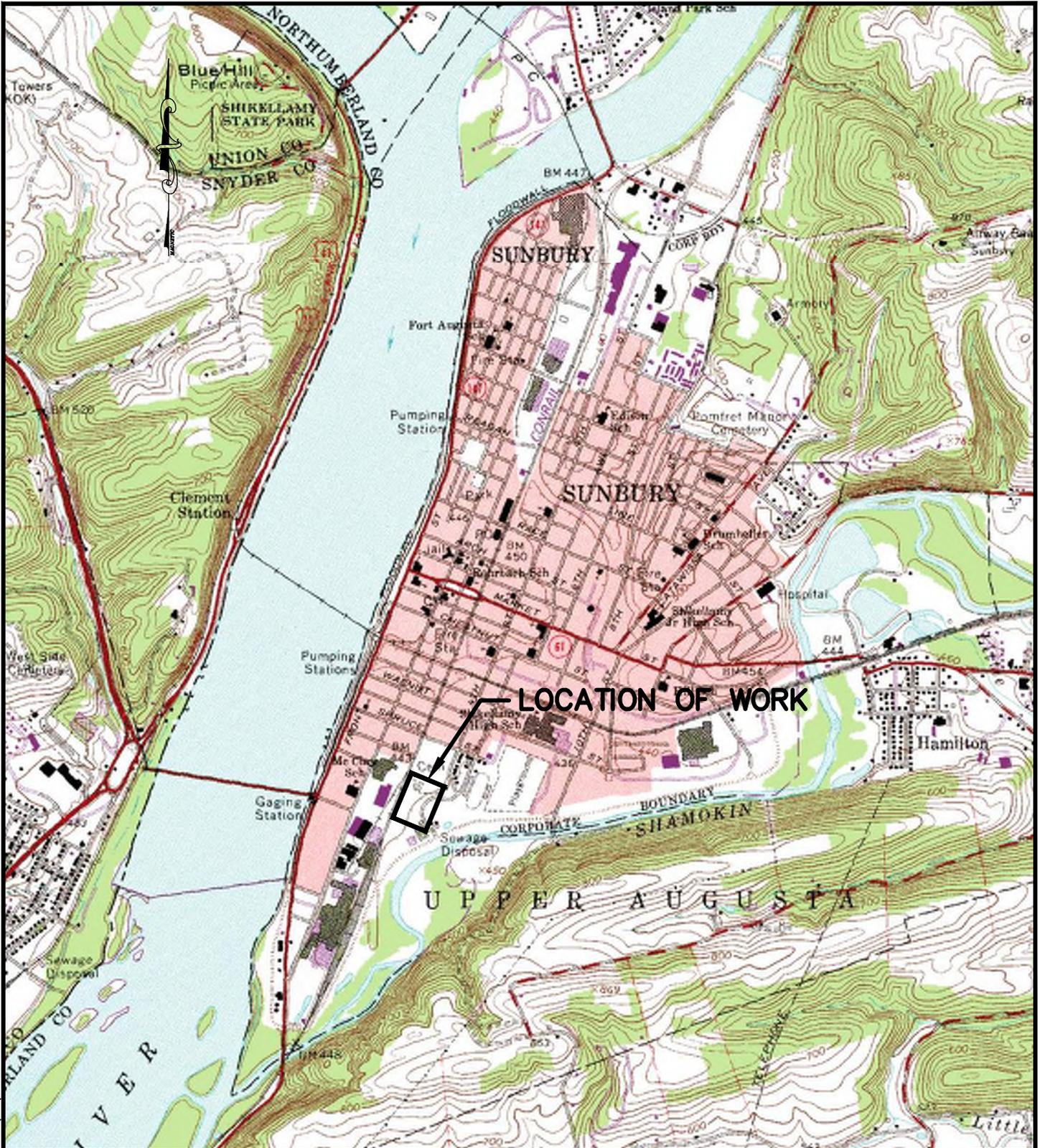
1. Newspaper - Attach the name of the newspaper, circulation location, copies of the notice, and dates of publication.
2. Municipality - Attach copies of the written notices sent to the host township and host county, and copies of the returned certified mail signature cards.
3. Contiguous Landowners - Attach copies of the written notice(s) sent to each landowner and copies of the returned certified mail signature cards.

**SECTION H. MUNICIPAL WASTE MANAGEMENT PLANS AND PERMITS**

For a new permit, major permit modification, permit renewal, or permit reissuance of a municipal waste landfill or resource recovery facility permit, is the proposed facility located in a county that has an approved municipal waste management plan that complies with Section 513 of Act 101? Yes  No

If the above answer is “yes”, the applicant must complete form 46 - Relationship between Municipal Waste Management Plans and Permits.

NOTE: For each permit application, please submit the original (mark as such) and additional copies as requested by the Department’s regional office.



I:\0372\008\008009\CADD2\S\LOCATIONMAP.DWG



2007 Cato Avenue  
 State College, PA 16801  
 (814) 238-8223 www.uni-tec.com

MUNICIPAL AUTHORITY OF  
 THE CITY OF SUNBURY  
 SOLID WASTE TRANSFER STATION  
 TONNAGE INCREASE – ROOF EXPANSION  
 LOCATION MAP  
 JUNE 2020  
 NORTHUMBERLAN AND SUNBURY QUADS

SCALE  
 1" = 2000'  
 PROJECT NO.  
 0372008009  
 SHEET NO.  
 1

## **Form B – Professional Certification**

---



Date Prepared/Revised
<b>DEP USE ONLY</b>
Date Received

## FORM B PROFESSIONAL CERTIFICATION

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form B, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General References: Section 271.122, 287.122

### SECTION A. SITE IDENTIFIER

Applicant/permittee: The Municipal Authority of the City of Sunbury

Site Name: Sunbury Solid Waste Transfer Station

Facility ID (as issued by DEP): 101323

### SECTION B. REGISTERED PROFESSIONAL ENGINEER

I, Patrick J. Ward, P.E.

(Engineer's Name – Print or Type)

being a Registered Professional Engineer in accordance with the Pennsylvania Professional Engineer's Registration Law, do hereby certify to the best of my knowledge, information, and belief that the information contained in the accompanying application, plans, specifications, and reports has been prepared in accordance with accepted practice of engineering, are true and correct, and are in accordance with the Rules and Regulations of the Department of Environmental Protection. I also certify that those individuals indicated in the following paragraphs prepared this application under my supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Signature Patrick J. Ward Date September 11, 2020

License Number PE032297E Expiration Date 09/30/2021

Address Uni-Tec Consulting Engineers, Inc.  
2007 Cato Avenue  
State College, PA 16801

Telephone No. ( 814 ) 323-8223 Ext. 323



**SECTION C. SOIL SCIENTIST PROVIDING SOILS INFORMATION**

I, N/A do hereby certify  
 (Soil Scientists Name – Print or Type)

to the best of my knowledge, information, and belief that the soils information contained in this application has been prepared in accordance with accepted practices of soil science and in accordance with the Rules and Regulations of the Department of Environmental Protection. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Telephone No. ( ) \_\_\_\_\_

**SECTION D. REGISTERED PROFESSIONAL GEOLOGIST**

I, N/A being a  
 (Hydrogeologist's Name – Print or Type)

Registered Professional Geologist in accordance with the Pennsylvania Professional Geologists Registration Law, do hereby certify to the best of my knowledge, information, and belief that the hydrogeology information contained in this application has been prepared in accordance with the accepted practices of hydrogeology and in accordance with the Rules and Regulations of the Department of Environmental Protection. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Signature \_\_\_\_\_ Date \_\_\_\_\_

License Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Professional Seal

Telephone No. ( ) \_\_\_\_\_

## **Form B1 – Application for Certification**

---



Date Prepared/Revised
<b>DEP USE ONLY</b>
Date Received

## FORM B1 APPLICATION FORM CERTIFICATION

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form B1, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

### SECTION A. SITE IDENTIFIER

Applicant/permittee: The Municipal Authority of the City of Sunbury
Site Name: Solid Waste Transfer Station
Facility ID (as issued by DEP): 101323

### SECTION B. CERTIFICATION

**Professional Engineer**

I, Patrick J. Ward, P.E.  
*(Engineer's Name -Print or Type)*

being a Registered Professional Engineer in accordance with the Pennsylvania Professional Engineer's Registration Law, do hereby certify that the forms used in the accompanying application have been reproduced under my supervision and have the same exact content and the same format as the forms prepared by the Department. I am aware that there are significant penalties for altering the content of the Department's forms, including the possibility of fines and imprisonment.

Signature  Date September 11, 2020

License Number PE032297E Expiration Date 09/30/2021

Address Uni-Tec Consulting Engineers, Inc.  
2007 Cato Avenue  
State College, PA 16801

Telephone No. ( 814 ) 238-8223



## **Form C1 – Compliance History Certification**

---



DEP USE ONLY  
Date Received

**FORM C1  
COMPLIANCE HISTORY CERTIFICATION**

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided herein. Improperly completed forms may be rejected by the Department, may be considered to be violations of the Department's Rules and Regulations, and may result in assessment of fines and penalties.

**Instructions:**

If your last Form HW-C does not require to be amended, execute the certification Form C1 Compliance History Certification (2540-PM-BWM0351 Rev. 9/2013) indicating that the Form HW-C, on file is complete and current. Be sure the form is properly signed, sealed, and notarized. Please note that the date on the certification Form C1 must be the date the HW-C, on file, was notarized.

If the applicant, permittee, or licensee ("application") is a corporation, this form must be signed by two corporate officers (a president or vice-president and a secretary or treasurer) authorized to execute the form or by one corporate officer and one corporate employee in Pennsylvania with sufficient authority over the solid waste management activity being licensed or permitted to execute this form on behalf of the corporation. **ATTACH A COPY OF THE ARTICLES OF INCORPORATION OF THE APPLICANT.**

**SECTION A. APPLICANT IDENTIFIER**

Facility Name: Sunbury Municipal Authority Solid Waste Transfer Station

**SECTION B. CERTIFICATION**

This is to certify that no changes, additions, or other supplemental data are required to amend the most recent form HW-C, Compliance History dated July 8<sup>th</sup> 2020 and submitted to the Pennsylvania Department of Environmental Protection by Sunbury Municipal Authority, which amendments would update and make current and complete all the information provided therein. The Compliance History now in the Department's possession reflects the Company's current status of officers, corporate structure as applicable, and compliance with environmental laws and regulations, and there are no instances of unlawful conduct as defined by the Pennsylvania Solid Waste Management Act of July 7, 1980 (35 P.S. §6018.610) that have not been corrected to the satisfaction of the Department.

  
(Signature)

Name: JASON A. HEIDIG  
(Print or Type Name)

Title: General Manager  
(Print or Type Title)

Sworn to and subscribed before me this 8<sup>th</sup> day of July 2020.

  
Notary Public

Commonwealth of Pennsylvania - Notary Seal  
Emily Reis, Notary Public  
Northumberland County  
My commission expires March 17, 2023  
Commission number 1261159  
Member, Pennsylvania Association of Notaries

**SECTION B. (Continued)**

\_\_\_\_\_  
(Signature)

Name: \_\_\_\_\_  
(Print or Type Name)

Title: \_\_\_\_\_  
(Print or Type Title)

Sworn to and subscribed before me this  
\_\_\_\_\_ day of \_\_\_\_\_  
20\_\_\_\_\_.

Articles of Incorporation are attached

\_\_\_\_\_  
Attach copy of Articles of Incorporation

\_\_\_\_\_  
Notary Public

# Commonwealth of Pennsylvania



July 1, 1975

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING:

I DO HEREBY CERTIFY, That from an examination of the indices and corporate records of this department, it appears that on March 24, 1947, a Certificate of Incorporation was issued to a Pennsylvania corporation entitled "THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY, COUNTY OF NORTHUMBERLAND, PENNSYLVANIA"

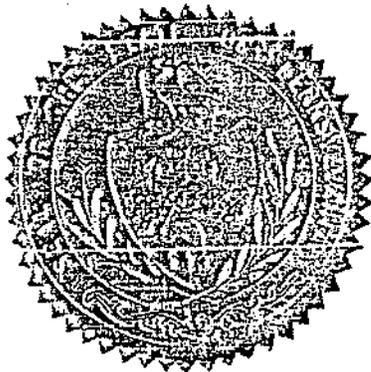
I DO FURTHER CERTIFY, That no proceedings in dissolution adversely affecting the corporate existence of the foregoing have been subsequently filed.

WHEREFORE, it appears that this corporation remains a presently subsisting corporation as of the date hereof.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the Commonwealth to be affixed, the day and year above written.

*C. McLaughlin Tucker*

Secretary of the Commonwealth



Filed in the Department of State on  
the 9th day of JANUARY, 19 87  
Robert G. Stearns, Jr.  
Secretary of the Commonwealth

8720 958

THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY,  
COUNTY OF NORTHUMBERLAND, PENNSYLVANIA

ARTICLES OF AMENDMENT

347753

TO THE SECRETARY OF THE COMMONWEALTH OF PENNSYLVANIA:

In compliance with the Act of Assembly of the Commonwealth of Pennsylvania, entitled the "Municipality Authorities Act of 1945" (the Act of May 2, 1945, P.L. 382, as amended and supplemented), the Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania (the "Authority"), desiring to amend its Articles of Incorporation, hereby certifies under its corporate seal that:

1. The name of the Authority is "The Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania" and the location of its registered office is 225 Market Street, Sunbury, Pennsylvania 17801.
2. The Authority was formed under the Municipality Authorities Act of 1945 as shown by its certificate of incorporation duly issued under date of March 24, 1947.
3. There is attached hereto a copy of the Resolution duly adopted by the City of Sunbury ("City"), of the County of Northumberland, Pennsylvania, being the municipality incorporating the Authority approving the proposed amendments to the Articles of Incorporation.
4. The amendments to the Articles of Incorporation of the Authority, which were proposed by the Board of said Authority and approved by the City are as follows:

8720 959

4.1. Paragraph 2 of the Articles is hereby amended to increase the term of existence of the Authority so that, as amended, such paragraph shall be and read in full:

"2. The said Authority is formed under the provisions of the Act of May 2, 1945 (Act No. 164), P.L. 382. The term of existence of the Authority shall expire December 29, 2036."

4.2. Paragraph 8 of the Articles is hereby amended to add to the powers and purposes of the Authority so that, as amended, such paragraph shall be and read in full:

"8. The projects to be undertaken by the Authority shall be for the purpose of acquiring, holding, constructing, improving, maintaining and operating, owning, leasing, either in the capacity of lessor or lessee, projects of the following kind and character:

a. Parks, recreation grounds and facilities;

b. Sewer systems or parts thereof, sewage treatment works, including works for treating and disposing of industrial waste in the City of Sunbury and such other areas as the Authority may be authorized to serve;

c. Water works, water supply works, water distribution systems in the City of Sunbury and such other areas as the Authority may be authorized to serve;

d. Facilities and equipment for the collection, removal or disposal of ashes, garbage, rubbish and other refuse materials by incineration, landfill or other methods in the City of Sunbury and such other areas as the Authority may be authorized to serve."

IN WITNESS WHEREOF the Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania has caused these Articles of Amendment to be executed under the seal of the Authority and verified by two duly authorized officers of the Authority this 30th day of December, 1986.

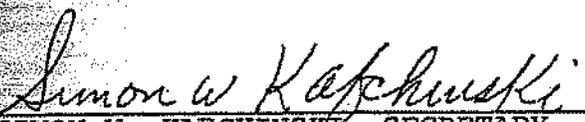
8720 960

MUNICIPAL AUTHORITY OF THE  
CITY OF SUNBURY, COUNTY OF  
NORTHUMBERLAND, PENNSYLVANIA

BY:   
JOEY A. STORASKA, CHAIRMAN

(SEAL)

ATTEST:

  
SIMON W. KAFCHINSKI, SECRETARY

RECORDED: APR. 17, 1947.

RECORDER: *Lester Albright*

CBC ROLL 47-7 Film 196

CERTIFICATE OF INCORPORATION #  
CITY OF SUNBURY  
DATED: APR. 16, 1947.

ARTICLES OF INCORPORATION  
TO THE SECRETARY OF THE COMMONWEALTH,  
COMMONWEALTH OF PENNSYLVANIA:  
In compliance with the requirements of the Act of May 2,  
1945 (Act No. 164), known as "Municipality Authorities Act of  
1945", the City of Sunbury, Northumberland County, Pennsylvania,  
desiring to incorporate an Authority thereunder, does hereby  
certify:

The name of the "Authority" is "The Municipal Authority of the City of Sunbury, County of  
Northumberland, Pennsylvania."  
The said Authority is formed under the provisions of the Act of May 2, 1945 (Act No. 164).  
No other Authority organized under said Act of May 2, 1945, (Act No. 164), or under the  
act approved the twenty-eighth day of June, one thousand nine hundred and thirty-five (Pamphlet  
No. 103) is in existence in or for the incorporating municipality, the City of Sunbury.  
The name of the incorporating municipality is "City of Sunbury, County of Northumberland,  
Pennsylvania."

The names and addresses of its municipal authorities are as follows:  
Mayor - JOSEPH B. NESSIT,  
Director of Accounts and Finance - HAROLD TUCKER,  
City Controller - LESTER FECKER  
City Treasurer - RALPH E. JONES  
City Clerk - HELEN THOMPSON METZGER,

Members of City Council:  
HAROLD TUCKER  
WALTER C. CULP  
WILLIAM DIECK  
FREDERICK T. GRANT

The names, addresses and terms of office of the first members of the Board of the Authority  
formed hereby are as follows:

Name	Address	Term of Office
VERNON G. SNYDER	135 Bainbridge Street, Sunbury, Pa.	Five years
MARK K. BASS, MD	91C Market Street, Sunbury, Pa.	Four years
HENRY D. PHILLIPS	125 Chestnut Street, Sunbury	Three years
GEORGE M. AMMERMAN	215 N. 12th Street, Sunbury, Pa.	Two years
FRANK A. NEFF	206 N. Fourth Street, Sunbury	One year

*6, Page 532*

Extracted from the records  
and certified this *7<sup>th</sup>* day  
of *December* A.D. 19*47*  
Page *64* of *230*  
RECORDER OF DEEDS

7. The ordinance authorizing the creation of said Authority, certified from the records of the City of Sunbury, together with advertisement of notice of filing these articles of Incorporation, are each submitted herewith.

IN WITNESS WHEREOF, the undersigned have executed these Articles of Incorporation on behalf of the City of Sunbury, and have caused to be affixed hereto the seal of said City this 14th day of March, 1947.

ATTEST:

HELEN THOMPSON METZGER  
City Clerk

JOSEPH B. NESBIT  
Mayor  
HELEN THOMPSON METZGER  
City Clerk

COMMONWEALTH OF PENNSYLVANIA :  
COUNTY OF NORTHUMBERLAND : SS

On this 14th day of March, 1947, before me, the undersigned, personally came the above-named JOSEPH B. NESBIT and HELEN THOMPSON METZGER, whose official positions in the City of Sunbury are respectively Mayor and City Clerk, and who in due form of law, acknowledged the foregoing to be the act and deed of the City of Sunbury for the purposes therein specified.

EDNA K. LEIBY (NOT'L SEAL)  
Notary Public. Sunbury, Pa.  
My commission expires Feb. 4, 1951.

ORDINANCE No. 456

AN ORDINANCE

DECLARING THE INTENTION AND DESIRE OF THE MUNICIPAL AUTHORITIES OF THE CITY OF SUNBURY, NORTHUMBERLAND COUNTY, PENNSYLVANIA, TO ORGANIZE AN AUTHORITY UNDER THE PROVISIONS OF THE ACT OF MAY 2, 1945 (ACT NO. 164); SETTING FORTH THE ARTICLES OF INCORPORATION; SPECIFYING THAT THE PROJECT TO BE UNDERTAKEN BY SAID AUTHORITY SHALL BE FOR THE PURPOSE OF ACQUIRING, HOLDING, CONSTRUCTING, IMPROVING, MAINTAINING AND OPERATING, OWNING, LEASING, EITHER IN THE CAPACITY OF LESSOR OR LESSEE, SEWERS, SEWER SYSTEMS OR PARTS THEREOF AND SEWAGE TREATMENT WORKS FOR THE CITY OF SUNBURY AND FOR SUCH OTHER TERRITORY AS IT MAY BE AUTHORIZED TO SERVE.

The City Council of the City of Sunbury, Northumberland County, Pennsylvania, hereby ordains

Section 1. The City Council hereby signifies its intention and desire to organize an Authority under the provisions of the "Municipality Authorities Act of 1945."

Section 2. The Mayor and the City Clerk are hereby authorized and directed to execute on behalf of the City of Sunbury, Articles of Incorporation for said Authority in substantially the following form:

ARTICLES OF INCORPORATION

TO THE SECRETARY OF THE COMMONWEALTH,  
COMMONWEALTH OF PENNSYLVANIA:

In compliance with the requirements of the Act of May 2, 1945 (Act No. 164), known as "Municipality Authorities Act of 1945," the City of Sunbury, Northumberland County, Pennsylvania, desiring to incorporate an Authority thereunder, does hereby certify:

1. The name of the "Authority" is "The Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania."
2. The said Authority is formed under the provisions of the Act of May 2, 1945 (Act. No. 164).
3. No other Authority organized under said Act of May 2, 1945, (Act No. 164), or under the Act approved the twenty-eighth day of June, One thousand nine hundred and thirty-five (Pamphlet News 463) is in existence in or for the incorporating municipality, the City of Sunbury.
4. The name of the incorporating municipality is "City of Sunbury, County of Northumberland, Pennsylvania."
5. The names and addresses of its municipal authorities are as follows:  
Mayor - JOSEPH B. NESBIT  
Director of Accounts and Finance - HAROLD TUCKER  
City Controller - LESTER FECKER  
City Treasurer - RALPH E. JONES  
City Clerk - HELEN THOMPSON METZGER  
Members of City Council:  
HAROLD TUCKER  
WALTER C. CULP  
WILLIAM DIECK  
FREDERICK T. GRANT

6. The names, addresses and terms of office of the first members of the Board of the Authority to be formed hereby are as follows:

Name	Address	Term of Office
VERNON G. SPYDER	135 Bainbridge Street, Sunbury.	Five Years
MARK K. GASS, K. D.	91C Market Street, Sunbury	Four Years
HENRY L. PHILLIPS	135 Chestnut Street, Sunbury	Three Years
GEORGE W. AMERMAN	315 N. 12th Street, Sunbury	Two Years
FRANK A. NEFF	206 N. Fourth Street, Sunbury	One Year

7. The ordinance authorizing the creation of said Authority, certified from the records of the City of Sunbury, together with advertisement of notice of filing these Articles of Incorporation, are each submitted herewith.

IN WITNESS WHEREOF, the undersigned have executed these Articles of Incorporation on behalf of the City of Sunbury, and have caused to be affixed hereto the seal of said City this 14th day of March, 1947.

HELEN THOMPSON METZGER  
City Clerk

JOSEPH B. NESBIT  
Mayor  
HELEN THOMPSON METZGER  
City Clerk

COMMONWEALTH OF PENNSYLVANIA :  
COUNTY OF NORTHUMBERLAND : SS

On this day of , 1947, before me, the undersigned, personally came the above-named JOSEPH B. NESBIT and HELEN THOMPSON METZGER, whose official positions in the City of Sunbury are, respectively Mayor and City Clerk, and who in due form of law, acknowledged the foregoing to be the act and deed of the City of Sunbury for the purposes therein specified.

Notary Public

Section 3. The proper officers of the City are hereby directed to cause a notice of this ordinance to be published one time in the Northumberland Legal Journal and one time in a newspaper published and of general circulation in the County of Northumberland, as directed by the Act of 1947 (Act No. 164).

Section 4. The Mayor and the City Clerk are directed to file said Articles of Incorporation with the necessary proofs of publication, with the Secretary of the Commonwealth, and to perform all other acts and things necessary or appropriate to effect the incorporation of The Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania.

Section 5. The project which shall be undertaken by the said authority is for the purpose of acquiring, holding, constructing, improving, maintaining and operating, owning, leasing, either in whole or in part, the capacity of lessor or lessee, sewers, sewer systems or parts thereof and sewage treatment works within the City of Sunbury and for such other territory as it may be authorized to serve.

Section 6. This ordinance shall take effect immediately.

Section 7. All ordinances and parts of ordinances inconsistent herewith are hereby expressly repealed.

ENACTED the 12th day of March, 1947.

JOSEPH B. NESBIT  
Mayor

HELEN THOMPSON METZGER  
City Clerk.

HEREBY CERTIFY that the foregoing ordinance was introduced on the 9th day of December, 1946, and was duly enacted by the Council of the City of Sunbury, Northumberland County, Pennsylvania, and approved by the Mayor on the 12th day of March, 1947, and that the same has been duly recorded in the books of the City of Sunbury, showing how each member of Council voted thereon.

HELEN THOMPSON METZGER  
City Clerk

Approved and filed in the Department of State on the 24th day of March A. D. 1947.

GERALD SMITH  
Deputy Secretary of the Commonwealth

RECORDED 1947-7 File 196-202 Inc.

IN THE NAME AND BY AUTHORITY OF THE  
COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF STATE

TO WHOM THESE PRESENTS SHALL COME, GREETING:  
WHEREAS, IN and by the provisions of Act No. 164, approved the second day of May Anno Domini one thousand nine hundred and forty-five, the Department of State is authorized and required to

CERTIFICATE OF INCORPORATION

in giving the incorporation of an authority under the provisions of said Act.  
AND WHEREAS, That stipulations and conditions of said Act have been fully complied with by the Municipal Authorities of the City of Sunbury, County of Northumberland, and Commonwealth of Pennsylvania, desiring the organization of

THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY, COUNTY OF NORTHUMBERLAND, PENNSYLVANIA.

WHEREFORE, KNOW YE, That subject to the Constitution of this Commonwealth, and under the authority of Act No. 164, approved the second day of May, Anno Domini one thousand nine hundred and forty-five, I, the undersigned, do hereby certify the creation, erection and incorporation of "THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY, COUNTY OF NORTHUMBERLAND, PENNSYLVANIA", into a body politic and corporate in deed and in law by the name chosen and hereinbefore specified, now to become operative with authority to transact business, and which shall exist for a term of fifty years unless sooner dissolved according to law.

Such corporation shall have and enjoy and shall be subject to all the powers duties, requirements and restrictions, specified and enjoined in and by the above Act of Assembly and all other laws of this Commonwealth.

GIVEN under my Hand and the Great Seal of the Commonwealth, at the City of Harrisburg, this 24th day of March, in the year of our Lord one thousand nine hundred and forty-seven, and of the Commonwealth, the one hundred and seventy-first.

GERALD SMITH  
Deputy Secretary of the Commonwealth

RECORDED APR. 15, 1947.

*Leate Albright*



HENRY L. PHILLIPS  
135 CHESTNUT STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1955

DR. MARK K. GASS  
910 EAST MARKET STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1956

DONALD TREGH  
1055 PACKER STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1957

JOHN C. HILBISH  
137 NORTH ELEVENTH STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1956  
FIRST SUCCEEDING TERM SHALL EXPIRE  
DECEMBER 31, 1958, AND NEXT SUCCEEDING  
TERM DECEMBER 31, 1963 AND EACH ADDITIONAL  
TERM EVERY FIVE YEARS THEREAFTER

MASON S. MESSING  
322 NORTH TWELFTH STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1956  
FIRST SUCCEEDING TERM SHALL EXPIRE  
DECEMBER 31, 1959 AND NEXT SUCCEEDING  
TERM DECEMBER 31, 1964 AND EACH ADDITIONAL  
TERM EVERY FIVE YEARS THEREAFTER

FRANK A. NEFF  
206 NORTH FOURTH STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1958

GEORGE M. AMERMAN  
315 NORTH 12TH STREET SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1959

C. PARAGRAPH 8 IS ADDED TO THE ARTICLES TO ADD TO THE POWERS AND PURPOSES OF THE AUTHORITY AND SETTING FORTH ADDITIONAL POWERS AND PURPOSES, AND SHALL BE AND READ IN FULL AS FOLLOWS:

8. THE PROJECTS TO BE UNDERTAKEN BY THE AUTHORITY SHALL BE FOR THE PURPOSE OF ACQUIRING, HOLDING, CONSTRUCTING, IMPROVING, MAINTAINING AND OPERATING, OWNING, LEASING, EITHER IN THE CAPACITY OF LESSOR OR LESSEE, OF PARKS, RECREATION GROUNDS AND FACILITIES, SEWER, SEWER SYSTEMS, OR PARTS THEREOF, SEWAGE TREATMENT WORKS, INCLUDING WORKS FOR TREATING AND DISPOSING OF INDUSTRIAL WASTE, WATER WORKS, WATER SUPPLY WORKS, WATER DISTRIBUTION SYSTEMS IN THE CITY OF SUNBURY, AND SUCH OTHER AREA AS THE AUTHORITY MAY BE AUTHORIZED TO SERVE.

2. THIS AMENDMENT TO THE ARTICLES OF INCORPORATION SHALL BE SUBMITTED TO THE CITY COUNCIL OF THE CITY OF SUNBURY FOR ADDITION OR REJECTION.

3. THE CHAIRMAN AND SECRETARY OF THE AUTHORITY ARE HEREBY AUTHORIZED AND DIRECTED TO EXECUTE ARTICLES OF AMENDMENT AS HEREIN SET FORTH AFTER THE PROPOSED AMENDMENT SHALL HAVE BEEN ADOPTED BY THE CITY COUNCIL OF THE CITY OF SUNBURY, AND WHEN SO ADOPTED THE ARTICLES OF AMENDMENT SHALL BE FILED WITH THE SECRETARY OF THE COMMONWEALTH AFTER ADVERTISEMENT OF INTENTION TO FILE AS REQUIRED BY THE MUNICIPALITY AUTHORITIES ACT, WHICH ADVERTISEMENT IS DIRECTED.

4. ALL REBELLIONS OR PARTS OF RESOLUTION INCONSISTENT ARE HEREBY SPECIFICALLY REPEALED.

ADOPTED THE NINTH DAY OF AUGUST A.D., 1955.

THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY,  
COUNTY OF NORTHUMBERLAND, PENNSYLVANIA.

BY: GEORGE M. AMERMAN  
CHAIRMAN

DONALD TREGH  
SECRETARY

(CORPORATE SEAL)

ATTEST:  
DONALD TREGH  
SECRETARY

IN WITNESS WHEREOF, WE, DULY AUTHORIZED OFFICERS OF THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY, NORTHUMBERLAND COUNTY, PENNSYLVANIA, HAVE HEREUNTO SET OUR HANDS AND CAUSED THE OFFICIAL SEAL OF THE AUTHORITY TO BE AFFIXED HERETO AND PROPERLY ATTESTED THIS 15TH DAY OF AUGUST, A.D., 1955.

THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY,  
COUNTY OF NORTHUMBERLAND, PENNSYLVANIA

BY GEORGE M. AMERMAN  
CHAIRMAN

DONALD TREGH  
SECRETARY

ATTEST:  
DONALD TREGH  
SECRETARY

(CORPORATE SEAL)

COMMONWEALTH OF PENNSYLVANIA  
COUNTY OF NORTHUMBERLAND

SS:

AND RESPECTIVELY CHAIRMAN AND SECRETARY, AND WHO, IN DUE FORM OF LAW, ACKNOWLEDGED THE FOREGOING TO BE THE ACT AND DEED OF THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY FOR THE PURPOSES THEREIN SPECIFIED AND THAT THE FACTS SET FORTH THEREIN ARE TRUE AND CORRECT TO THE BEST OF THE KNOWLEDGE AND BELIEF OF EACH DEPONENT.

EDNA M. LEIBY (NOT'AL SEAL) N.P.  
My com. exp. Feb. 12, 1979

EXHIBIT "B"

AN ORDINANCE

ADOPTING AMENDMENT TO THE ARTICLES OF INCORPORATION OF THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY, COUNTY OF NORTHUMBERLAND, PENNSYLVANIA BY ADDING ADDITIONAL PROJECTS, INCREASING THE NUMBER OF MEMBERS OF THE BOARD OF THE AUTHORITY, FIXING TERMS OF OFFICE, INCREASING ITS TERM OF EXISTENCE, AND SETTING FORTH ADDITIONAL POWERS AND PURPOSES.

NOW BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SUNBURY, NORTHUMBERLAND COUNTY, PENNSYLVANIA, AND IT IS HEREBY ORDAINED BY AUTHORITY OF THE SAME; WHEREAS, THE CITY COUNCIL BY A RESOLUTION SPECIFIED THAT THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY SHOULD UNDERTAKE AS AN ADDITIONAL PROJECT THE ACQUISITION, MAINTENANCE AND OPERATION OF PARKS, RECREATION GROUNDS AND FACILITIES, WATER WORKS, AND WATER SYSTEMS; AND

WHEREAS, THE AUTHORITY ADOPTED A RESOLUTION SETTING FORTH A PROPOSED AMENDMENT TO ITS ARTICLES OF INCORPORATION AND DIRECTED THAT IT BE SUBMITTED TO THE CITY COUNCIL FOR ADOPTION OR REJECTION.

SECTION 1. THE CITY COUNCIL OF THE CITY OF SUNBURY, NORTHUMBERLAND COUNTY, PENNSYLVANIA, HEREBY ADOPTS THE PROPOSED AMENDMENT TO THE ARTICLES OF INCORPORATION OF THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY, COUNTY OF NORTHUMBERLAND, PENNSYLVANIA AMENDING SECTION 2 OF THE ARTICLES BY INCREASING THE TERM OF EXISTENCE OF THE AUTHORITY TO EXTEND FOR FIFTY (50) YEARS FROM THE DATE OF APPROVAL OF THE ARTICLES OF AMENDMENT AND FOR INCREASING THE NUMBER OF MEMBERS OF THE BOARD FROM FIVE (5) TO SEVEN (7) MEMBERS AND DESIGNATING THE TWO (2) NEW MEMBERS AND REVISING THE TERMS OF THE MEMBERS OF THE BOARD AND ADDING AN ADDITIONAL PROJECTS THE ACQUISITION, HOLDING, CONSTRUCTING, IMPROVING, MAINTAINING, AND OPERATING, OWNING, LEASING, EITHER IN THE CAPACITY OF LESSOR OR LESSEE OF PARKS, RECREATION GROUNDS AND FACILITIES, WATER WORKS, WATER SUPPLY WORKS AND WATER DISTRIBUTION SYSTEMS IN THE CITY OF SUNBURY AND SUCH OTHER AREAS AS THE AUTHORITY MAY BE AUTHORIZED TO SERVE, SET FORTH AS FOLLOWS:

THE MUNICIPAL AUTHORITY OF THE  
CITY OF SUNBURY, NORTHUMBERLAND COUNTY  
PENNSYLVANIA

AMENDMENT TO ARTICLES OF INCORPORATION

RESOLUTION AMENDING ARTICLES OF INCORPORATION OF THE AUTHORITY BY ADDING ADDITIONAL PROJECTS, INCREASING THE NUMBER OF MEMBERS OF THE BOARD OF THE AUTHORITY, FIXING TERMS OF OFFICE, INCREASING ITS TERM OF EXISTENCE, SETTING FORTH ADDITIONAL POWERS AND PURPOSES, PROVIDING FOR SUBMITTING THE AMENDMENT TO THE CITY COUNCIL FOR ADOPTION OR REJECTION AND FOR EXECUTION OF ARTICLES OF AMENDMENT, AND PROVIDING FOR ADVERTISEMENT OF INTENTION TO FILE THE SAME WITH THE SECRETARY OF THE COMMONWEALTH.

WHEREAS, THE CITY COUNCIL OF THE CITY OF SUNBURY, BY RESOLUTION, HAS SPECIFIED AN ADDITIONAL PROJECT TO BE UNDERTAKEN BY THE AUTHORITY, AND IT IS NECESSARY THAT ITS POWERS AND PURPOSES BE INCREASED, ITS TERM EXTENDED, AND IT IS CONSIDERED ADVISABLE THAT ITS NUMBER OF MEMBERS BE INCREASED;

NOW, THEREFORE, BE IT RESOLVED, AND IT IS HEREBY RESOLVED, BY THE BOARD OF THE MUNICIPAL AUTHORITY, OF THE CITY OF SUNBURY, COUNTY OF NORTHUMBERLAND, PENNSYLVANIA:

1. THE ARTICLES OF INCORPORATION OF THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY, NORTHUMBERLAND COUNTY, PENNSYLVANIA, ARE HEREBY AMENDED AS FOLLOWS:

A. PARAGRAPH 2 OF THE ARTICLES IS HEREBY AMENDED TO INCREASE THE TERM OF EXISTENCE OF THE AUTHORITY SO THAT, AS AMENDED, SUCH PARAGRAPH SHALL BE AND READ IN FULL:

"2. THE SAID AUTHORITY IS FORMED UNDER THE PROVISIONS OF THE ACT OF MAY 2, 1945 (ACT NO. 164), P.L. 382. THE TERM OF EXISTENCE OF THE AUTHORITY SHALL EXTEND FOR FIFTY (50) YEARS FROM THE DATE OF APPROVAL OF THESE ARTICLES OF AMENDMENT."

B. PARAGRAPH 6 OF THE ARTICLES IS HEREBY AMENDED TO INCREASE THE NUMBER OF MEMBERS OF THE BOARD FROM FIVE (5) MEMBERS TO SEVEN (7) MEMBERS, AND TO REVISE THE TERMS OF THE MEMBERS OF THE BOARD SO THAT, AS AMENDED, SUCH PARAGRAPH SHALL BE AND READ IN FULL:

"6. THE NAMES, ADDRESSES AND TERMS OF OFFICE OF THE MEMBERS OF THE BOARD OF THE AUTHORITY SHALL BE:

HENRY L. PHILLIPS  
135 CHESTNUT STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1955

DR. MARK K. GARR  
910 EAST MARKET STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1955

DONALD TROEN  
1055 PACKER STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1957

JOHN C. HILBISH  
137 N. ELEVENTH STREET  
SUNBURY, PENNSYLVANIA  
FIRST SUCCEEDING TERM SHALL EXPIRE  
DECEMBER 31, 1958 AND NEXT SUCCEEDING  
TERM DECEMBER 31, 1963 AND EACH ADDITIONAL  
TERM EVERY FIVE YEARS THEREAFTER.

MARION S. ...  
322 NORTH ... STREET

DECEMBER 31, 1959 AND NEXT SUCCEEDING  
TERM DECEMBER 31, 1964 AND EACH ADDITIONAL  
TERM EVERY FIVE YEARS THEREAFTER.

FRANK A. NEFF  
205 NORTH FOURTH STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1958

GEORGE M. AMERMAN  
315 NORTH 12TH STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1959

C. PARAGRAPH 8 OF THE ARTICLES IS HEREBY AMENDED TO ADD TO THE POWERS  
AND PURPOSES OF THE AUTHORITY AND SETTING FORTH ADDITIONAL POWERS AND PURPOSES IS HEREWITH  
ADDED TO THE ARTICLES, AND SHALL BE AND READ IN FULL:

1. THE PROJECTS TO BE UNDERTAKEN BY THE AUTHORITY SHALL BE FOR THE  
PURPOSE OF ACQUIRING, HOLDING, CONSTRUCTING, IMPROVING, MAINTAINING AND OPERATING, OWNING,  
LEASING, EITHER IN THE CAPACITY OF LESSOR OR LESSEE, OF PARKS, RECREATION, GROUNDS AND  
FACILITIES, SEWERS, SEWER SYSTEMS, OR PARTS THEREOF, SEWAGE TREATMENT WORKS, INCLUDING  
WORKS FOR TREATING AND DISPOSING OF INDUSTRIAL WASTE, WATER WORKS, WATER SUPPLY WORKS,  
WATER DISTRIBUTION SYSTEMS IN THE CITY OF SUNBURY AND SUCH OTHER AREA AS THE AUTHORITY  
MAY BE AUTHORIZED TO SERVE.

2. THIS AMENDMENT TO THE ARTICLES OF INCORPORATION SHALL BE SUBMITTED TO THE  
CITY COUNCIL OF THE CITY OF SUNBURY FOR ADOPTION OR REJECTION.

3. THE CHAIRMAN AND SECRETARY OF THE AUTHORITY ARE HEREBY AUTHORIZED AND  
DIRECTED TO EXECUTE ARTICLES OF AMENDMENT SO HEREIN SET FORTH AFTER THE PROPOSED AMENDMENT  
SHALL HAVE BEEN ADOPTED BY THE CITY COUNCIL OF THE CITY OF SUNBURY, AND WHEN SO ADOPTED  
THE ARTICLES OF AMENDMENT SHALL BE FILED WITH THE SECRETARY OF THE COMMONWEALTH AFTER  
ADVERTISING OF INTENTION TO FILE AS REQUIRED BY THE MUNICIPAL AUTHORITIES ACT, WHICH  
ADVERTISING IS DIRECTED.

4. ALL RESOLUTIONS OR PARTS OF RESOLUTIONS INCONSISTENT ARE HEREBY  
SPECIFICALLY REPEALED.

ADOPTED THE 9TH DAY OF AUG., A.D., 1955.

THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY,  
COUNTY OF NORTHUMBERLAND, PENNSYLVANIA

BY GEORGE M. AMERMAN  
CHAIRMAN

DONALD TREON  
SECRETARY

ATTEST:  
DONALD TREON  
SECRETARY

SECTION 2. THE CITY CLERK IS HEREBY AUTHORIZED AND DIRECTED TO CERTIFY  
TO THE MUNICIPAL AUTHORITY AND THE ADOPTION OF THE AMENDMENT TO THE ARTICLES OF INCORPORATION  
OF THE AUTHORITY.

SECTION 3. THIS ORDINANCE SHALL BECOME EFFECTIVE IMMEDIATELY.

SECTION 4. ALL ORDINANCES AND PARTS OF ORDINANCES INCONSISTENT HEREWITH  
ARE HEREBY EXPRESSLY REPEALED.

ENACTED AND ORDAINED THIS 12TH DAY OF AUG., 1955.

FRED E. HOFFMAN  
MAYOR

ATTEST:  
HELEN THOMPSON WETZGER  
CITY CLERK

(OFF'L SEAL)

THE MUNICIPAL AUTHORITY OF THE  
CITY OF SUNBURY, NORTHUMBERLAND  
COUNTY, PENNSYLVANIA

#### AMENDMENT TO ARTICLES OF INCORPORATION

RESOLUTION AMENDING ARTICLES OF INCORPORATION OF THE AUTHORITY  
BY ADDING ADDITIONAL PROJECTS, INCREASING THE NUMBER OF MEMBERS OF THE BOARD OF THE  
AUTHORITY, FIXING TERM OF OFFICE, INCREASING ITS TERM OF EXISTENCE, SETTING FORTH ADDITIONAL  
POWERS AND PURPOSES, PROVIDING FOR SUBMITTING THE AMENDMENT TO THE CITY COUNCIL FOR  
ADOPTION OR REJECTION AND FOR EXECUTION OF ARTICLES OF AMENDMENT, AND PROVIDING FOR  
ADVERTISING OF INTENTION TO FILE THE SAME WITH THE SECRETARY OF THE COMMONWEALTH.

THEREAS, THE CITY COUNCIL OF THE CITY OF SUNBURY, BY RESOLUTION, HAS SPECIFIED  
AN ADDITIONAL PROJECT TO BE UNDERTAKEN BY THE AUTHORITY, AND IT IS NECESSARY THAT ITS  
POWERS AND PURPOSES BE INCREASED, ITS TERM EXTENDED, AND IT IS CONSIDERED ADVISABLE THAT  
ITS NUMBER OF MEMBERS BE INCREASED;

NOW THEREFORE, BE IT RESOLVED, AND IT IS HEREBY RESOLVED, BY THE BOARD  
OF THE MUNICIPAL AUTHORITY, OF THE CITY OF SUNBURY, COUNTY OF NORTHUMBERLAND, PENNSYLVANIA:

1. THE ARTICLES OF INCORPORATION OF THE MUNICIPAL AUTHORITY OF THE CITY  
OF SUNBURY, NORTHUMBERLAND COUNTY, PENNSYLVANIA, ARE HEREBY AMENDED AS FOLLOWS:

A. PARAGRAPH 2 OF THE ARTICLES IS HEREBY AMENDED TO INCREASE THE TERM OF  
EXISTENCE OF THE AUTHORITY SO THAT, AS AMENDED BY SUCH PARAGRAPH SHALL BE AND READ IN FULL:

"2. THE SAID AUTHORITY IS FORMED UNDER THE PROVISIONS OF THE ACT OF  
MAY 2, 1945 (ACT NO. 164), P.L. 382. THE TERM OF EXISTENCE OF THE AUTHORITY SHALL EXTEND  
FOR FIFTY (50) YEARS FROM THE DATE OF APPROVAL OF THESE ARTICLES OF AMENDMENT."

B. PARAGRAPH 6 OF THE ARTICLES IS HEREBY AMENDED TO INCREASE THE NUMBER  
OF MEMBERS OF THE BOARD FROM FIVE (5) MEMBERS TO SEVEN (7) MEMBERS, AND TO REVISE THE TERMS  
OF THE MEMBERS OF THE BOARD SO THAT, AS AMENDED, SUCH PARAGRAPH SHALL BE AND READ IN FULL:

"6. THE NAMES, ADDRESSES AND TERMS OF OFFICE OF THE MEMBERS OF THE  
BOARD OF THE AUTHORITY SHALL BE:

HENRY L. PHILLIPS  
175 CHESTNUT STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1955

DONALD TREON  
1055 PACKER STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1957

JOHN C. HILSTON  
137 NORTH 11TH STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1956

FIRST SUCCEEDING TERM SHALL EXPIRE DECEMBER 31, 1958, AND NEXT SUCCEEDING TERM DECEMBER 31, 1963, AND ADDITIONAL TERMS EVERY FIVE (5) YEARS THEREAFTER.

MASON S. MUSSINA  
122 NORTH 12TH STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1956

FIRST SUCCEEDING TERM SHALL EXPIRE DECEMBER 31, 1959 AND NEXT SUCCEEDING TERM DECEMBER 31, 1964, AND ADDITIONAL TERMS EVERY FIVE (5) YEARS THEREAFTER.

FRANK A. NEFF  
206 NORTH FOURTH STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1958

GEORGE M. AMERMAN  
315 NORTH 12TH STREET  
SUNBURY, PENNSYLVANIA  
TERM EXPIRES DECEMBER 31, 1959

C. PARAGRAPH 8 IS ADDED TO THE ARTICLES TO ADD TO THE POWERS AND PURPOSES OF THE AUTHORITY AND SETTING FORTH ADDITIONAL POWERS AND PURPOSES, AND SHALL BE AND READ IN FULL AS FOLLOWS:

"8. THE PROJECTS TO BE UNDERTAKEN BY THE AUTHORITY SHALL BE FOR THE PURPOSE OF ACQUIRING, HOLDING, CONSTRUCTING, IMPROVING, MAINTAINING AND OPERATING, DRAINING, LEASING, EITHER IN THE CAPACITY OF LESSOR OR LESSEE, OF PARKS, RECREATION GROUNDS AND FACILITIES, SEWERS, SEWER SYSTEMS, OR PARTS THEREOF, SEWAGE TREATMENT WORKS, INCLUDING WORKS FOR TREATING AND DISPOSING OF INDUSTRIAL WASTE, WATER WORKS, WATER SUPPLY WORKS, WATER DISTRIBUTION SYSTEMS IN THE CITY OF SUNBURY AND SUCH OTHER AREA AS THE AUTHORITY MAY BE AUTHORIZED TO SERVE."

2. THIS AMENDMENT TO THE ARTICLES OF INCORPORATION SHALL BE SUBMITTED TO THE CITY COUNCIL OF THE CITY OF SUNBURY FOR ADOPTION OR REJECTION.

3. THE CHAIRMAN AND SECRETARY OF THE AUTHORITY ARE HEREBY AUTHORIZED AND DIRECTED TO EXECUTE ARTICLES OF AMENDMENT AS HEREIN SET FORTH AFTER THE PROPOSED AMENDMENT SHALL HAVE BEEN ADOPTED BY THE CITY COUNCIL OF THE CITY OF SUNBURY, AND WHEN SO ADOPTED THE ARTICLES OF AMENDMENT SHALL BE FILED WITH THE SECRETARY OF THE COMMONWEALTH AFTER ADVERTISEMENT OF INTENTION TO FILE AS REQUIRED BY THE MUNICIPALITY AUTHORITIES ACT, WHICH ADVERTISEMENT IS DIRECTED.

4. ALL RESOLUTIONS OR PARTS OF RESOLUTION INCONSISTENT ARE HEREBY SPECIFICALLY REPEALED.

ADOPTED THE NINTH DAY OF AUGUST, A.D., 1955.

THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY,  
COUNTY OF NORTHUMBERLAND, PENNSYLVANIA.

BY /S/ GEORGE M. AMERMAN CHAIRMAN  
/S/ DONALD TREON SECRETARY

ATTEST:  
/s/ DONALD TREON  
SECRETARY

I, DONALD TREON, SECRETARY OF THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY, COUNTY OF NORTHUMBERLAND, PENNSYLVANIA, CERTIFY THE FOREGOING TO BE A TRUE AND CORRECT COPY OF THE RESOLUTION OF THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY AMENDING THE ARTICLES OF INCORPORATION OF THE AUTHORITY, AS ADOPTED BY SAID AUTHORITY ON THE NINTH DAY OF AUGUST A.D., 1955.

(CORPORATE SSEAL)

DONALD TREON  
SECRETARY

APPROVED AND FILED IN THE DEPARTMENT OF STATE ON THE 30TH DAY OF AUGUST, A.D., 1955.

HENRY E. HARNER  
DEPUTY SECRETARY OF THE COMMONWEALTH

RECORDED:  
SEPTEMBER 13, 1955

RECORDER:

*Legat Albany  
10/1/55*

347753

*[Signature]*  
Secretary of the Commonwealth

THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY,  
COUNTY OF NORTHUMBERLAND, PENNSYLVANIA

ARTICLES OF AMENDMENT

TO THE SECRETARY OF THE COMMONWEALTH OF PENNSYLVANIA:

In compliance with the Act of Assembly of the Commonwealth of Pennsylvania, entitled the "Municipality Authorities Act of 1945" (the Act of May 2, 1945, P.L. 382, as amended and supplemented), the Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania (the "Authority"), desiring to amend its Articles of Incorporation, hereby certifies under its corporate seal, that:

1. The name of the Authority is "The Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania" and the location of its registered office is 225 Market Street, Sunbury, Pennsylvania 17801.
2. The Authority was formed under the Municipality Authorities Act of 1945 as shown by its certificate of Incorporation duly issued under date of March 24, 1947.
3. There is attached hereto a copy of the Resolution duly adopted by the City of Sunbury ("City") of the County of Northumberland, Pennsylvania, being the municipality incorporating the Authority approving the proposed amendment to the Articles of Incorporation.

EXHIBIT A

4. The amendment to the Articles of Incorporation of the Authority, which were proposed by the Board of said Authority and approved by the City are as follows:

Paragraph 8 of the Articles is hereby amended so that, as amended, such paragraph shall be and read in full:

"8. The projects to be undertaken by the Authority shall be for the purpose of acquiring, holding, constructing, improving, maintaining and operating, owning, leasing, either in the capacity of lessor or lessee, projects of the following kind and character:

a. Sewer systems or parts thereof, sewage treatment works, including works for treating and disposing of industrial waste in the City of Sunbury and such other areas as the Authority may be authorized to serve;

b. Water works, water supply works, water distribution systems in the City of Sunbury and such other areas as the Authority may be authorized to serve;

c. Facilities and equipment for the collection, removal or disposal of ashes, garbage, rubbish and other refuse materials by incineration, landfill or other methods in the City of Sunbury and such other areas as the Authority may be authorized to serve;

d. Flood control projects in the City of Sunbury and such other areas as the Authority may be authorized to serve."

IN WITNESS WHEREOF, the Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania, has caused these Articles of Amendment to be executed under the seal of the Authority and verified by two duly authorized officers of the Authority this 6th day of January, 1993.

THE MUNICIPAL AUTHORITY OF THE  
CITY OF SUNBURY, COUNTY OF  
NORTHUMBERLAND, PENNSYLVANIA

ATTEST:

Simon W. KaŹchinski  
Simon W. KaŹchinski, Sec'y.

BY Joey A. Storaska  
Joey A. Storaska, Chairman

(SEAL)

## **Form HW-C – Compliance History**

---



## FORM HW-C COMPLIANCE HISTORY

Fully and accurately provide the following information, as specified. Attach additional sheets as necessary.

Type of Form HW-C Submittal (check all that apply):

Original Filing                       Amended Filing                      Date of Last Filing 05/22/2020

Type of Permit or License Submittal:

New Application                       Renewal                       Annual Update                       Other Revision  
(specify)

A. General Applicant Information:

1. NAME OF PERMIT OR LICENSE APPLICANT/PERMITTEE/LICENSEE ("applicant")  
(non-corporations attach documentation of legal name):

The Municipal Authority of the City of Sunbury

ADDRESS: 462 S. 4<sup>th</sup> Street

Sunbury, PA 17801

TELEPHONE NUMBER: (570)286-5858

TAXPAYER ID#: 24-6001874

PERMIT, LICENSE OR APPLICATION ID#: 101323

2. Identify the form of management under which the applicant conducts its business (check appropriate box) and describe the type(s) of business activities performed:

<input type="checkbox"/> Individual	<input type="checkbox"/> Fictitious Name
<input type="checkbox"/> Municipality	<input type="checkbox"/> Partnership
<input type="checkbox"/> Proprietorship	<input type="checkbox"/> Limited Partnership
<input type="checkbox"/> Public Corporation	<input type="checkbox"/> Government Agency
<input type="checkbox"/> Private Corporation	<input type="checkbox"/> Joint Venture
<input type="checkbox"/> Syndicate	<input type="checkbox"/> Association
<input checked="" type="checkbox"/> Municipal Authority	<input type="checkbox"/> Other Type of Business _____

(specify)

3. Type of permit, license or application (check all that apply):

Hazardous Waste Permit  
 Hazardous Waste Transporter License  
 Municipal Waste Permit  
 Regulated Medical, Chemotherapeutic Waste Transporter License  
 Residual Waste Permit  
 Other \_\_\_\_\_

(specify)

## FORM HW-C

### B. General Information Regarding "Related Parties"

1. **Applicants which are a corporation or a division of a corporation, provide the following information:**
  - a. The principal shareholders or stockholders who own, hold, or control stock of five percent (5%) or more of a publicly held corporation or ten percent (10%) or more of a privately held corporation.
  - b. State the names, principal places of business and taxpayer ID numbers of all domestic and foreign parent corporations (including ultimate parent corporations), and all domestic and foreign subsidiary corporations of the applicant, as well as the subsidiary corporations of the ultimate parent corporation. Include unincorporated divisions and private corporations. A diagram of corporate structure may be provided to illustrate corporate relationships.
  - c. List all principals of the corporation that have also been principals of other corporations which have committed any violation of the Environmental Protection Acts. (See Instructions, Items 2 and 6.)
2. Provide the names and addresses of all principals, corporate officers, general and limited partners, directors, other persons performing a function similar to a director, and other persons or related parties of the applicant (see Instructions, Items 4 and 5). The relationship to the applicant must be clearly described.
3. Provide the names and addresses, or IRS tax identification numbers<sup>1</sup> and affiliation of other persons or related parties having or exercising control over any aspect of the proposed facility or activity that is regulated by the Department, including but not limited to, associates, agents, contractors, subcontractors, and property owners.
4. Provide the names and addresses of all owners of record of surface and subsurface areas within and contiguous to the proposed permit area. (Not applicable to transporter license applicants.)
5. Provide the names and addresses of all holders of record to a leasehold interest of surface and subsurface areas within and contiguous to the proposed permit area.
6. If the applicant, or other related party to the applicant, has a beneficial interest in, or otherwise manages or controls any other person, municipality or other related party (as described in Sections A and B) engaged in the business of solid waste collection, transportation, storage, processing, treatment, or disposal, provide the following information:
  - a. The name, address and tax identification number or employer identification number of the corporation, other person, municipality, or other entity, in which the applicant or other related party has a beneficial interest, manages, or controls as described above.  
  
N/A
  - b. The nature of the relationship or participation with the corporation, other person, municipality, or other related party.  
  
N/A

---

<sup>1</sup> Failure to provide all applicable numbers may delay processing of the application.

## FORM HW-C

### C. Specific information Regarding the Applicant and Its Related Parties

1. List the name and location of all of the **applicant's and related party's places of business and terminals** where municipal, residual and/or hazardous waste activities are conducted. Such activities include, but are not limited to generation, processing, collection, transportation and storage, treatment or disposal of solid waste, except that locations that generate only municipal waste need not be listed.

The Municipall Authority of the City of Sunbury Solidwaste Transfer Sation  
511 Fawn Lane, Sunbury, PA 17801

2. List all **permits or licenses issued** by the Department or any other state or federal agency under the Environmental Protection Acts to the applicant or any other persons or related parties identified in Sections A or B, that are currently in effect or have been in effect at any time in the ten years previous to the date on which this form is notarized. This list is to include the type of permit or license, permit or license number, location, address, issuance date and expiration date.

101323 Solid Waste Disposal and/or Processing Facility  
511 Fawn Lane, Sunbury, PA 172801

NPDES Permit PA0026557 Sunbury Municipal Authorty Wastewater Treatment Facility  
485 Fawn Lane, Sunbury, PA 17801

NPDES Permit PA0232815 Sunbury Municipal Authority Water Facility  
1600 E. Market Street, Sunbury, PA 17801

3. List all **permit or license denials** issued by the Department or any other state or federal agency under the Environmental Protection Acts to the applicant or any other person or related party identified in Section A or B, within ten years previous to the date on which this form is notarized. Include the type of permit or license, permit or license number, location, denial date and reason for denial.

N/A

4. List all persons or related parties identified in Sections A or B which have filed for or been discharged from **bankruptcy** within 10 years previous to the date on which this form is notarized. Specify the circumstances of bankruptcy including those for which the debtor sought to abandon property or to be discharged from any environmental liability subject to the Environmental Protection Acts. Include the name of the bankruptcy court, docket number and description and location of any property involved.

N/A

## FORM HW-C

**D. Compliance Background:**

*(Note: Copies of specific documents must be made available to the Department upon its request)*

**Compliance History:**

List all **"Enforcement Actions"** issued by the Department or any other state or federal or county agency to the applicant or those persons or related parties identified anywhere in response to Sections A, B or C using the following format grouped by state and location in chronological order.

Date	Location	Permit/ License/ EPA ID #	Issuing Agency	Type of Action	Nature of Violation	Disposition	Dollar Amount of Penalty
------	----------	---------------------------------	-------------------	----------------------	------------------------	-------------	--------------------------------

Enforcement actions include but are not limited to:

All **notices of violation (NOVs)**, issued by any regulatory agency to the applicant or those persons or related parties identified anywhere in Sections A, B or C concerning the Environmental Protection Acts, or any other environmental statute, regulation or ordinance.

All **administrative orders, civil penalties, permit or license suspensions/revocations, bond forfeiture actions, and civil penalty actions** adjudicated by any judicial body against the applicant or those persons or related parties identified anywhere in Sections A, B or C concerning the Environmental Protection Acts, or a regulation or order or a condition of a permit or license.

All **consent orders, consent adjudications, consent decrees or monetary settlements (settlement agreements, letter agreements, settlement letters or consent assessments)** between the applicant or those persons or related parties identified anywhere in Sections A, B or C and any state, federal or county agency regarding the Environmental Protection Acts, or any other environmental statute, regulations or ordinance.

All **court proceedings** in which those persons or related parties identified anywhere in Sections A, B or C have been involved in relation to the Environmental Protection Acts.

All **summary, misdemeanor, or felony convictions, or pleas of guilty or no contest** that have been obtained against the applicant or those persons or related parties identified anywhere in Sections A, B or C, pursuant to the Environmental Protection Acts, or for any acts involving the generation, storage, treatment, transportation, processing, or disposal of municipal, residual or hazardous waste.

For all persons and municipalities identified in Section A, B or C, indicate all violations committed and any subsequent enforcement actions taken regarding the facility or activity not previously listed in this section, concerning the Environmental Protection Acts.

State the reasons for suspension, revocation, or denial of any permit/permit application or license/license application filed by the applicant or any related party concerning the Environmental Protection Acts. Provide the date, location and nature of the violations, type of action, issuing agency, dollar amount of any monetary penalty associated with the action and permit, license, EPA ID# or other identifying number if applicable.

# FORM HW-C

I hereby certify that I have the authority to respond to the above questions on behalf of the applicant, and that the information provided herein is true and correct to the best of my knowledge, information and belief.

Jason Neidig  
(Signature)

Name: JASON NEIDIG  
(Print or Type Name)

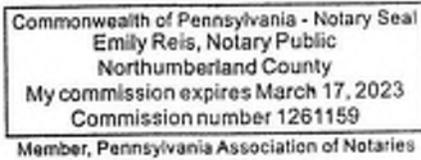
Title: General Manager  
(Print or Type Title)

Sworn to and subscribed before me this

2<sup>nd</sup> day of July

2020

Emily Reis  
Notary Public



\_\_\_\_\_  
(Signature)

Name: \_\_\_\_\_  
(Print or Type Name)

Title: \_\_\_\_\_  
(Print or Type Title)

Sworn to and subscribed before me this

\_\_\_\_\_ day of \_\_\_\_\_

20\_\_\_\_

\_\_\_\_\_  
Notary Public

A copy of the Articles of  
Incorporation are attached in Form C

Attach copy  
of Articles of Incorporation

(For Corporations, see the Instructions, Item 9, regarding signatures and submission of Articles of Incorporation.)



June 13, 2019

NOTICE OF VIOLATION

Mr. Jason Neidig  
Sunbury Transfer Station  
511 Fawn Lane  
Sunbury, PA 17801

RE: Improper Management of Municipal Waste  
Sunbury, Northumberland County  
Client ID #61464, Inspection # 2747538

Dear: Mr. Jason Neidig

As the result of an inspection at your site, the Department of Environmental Protection (Department) has determined that you are in violation of the PA Solid Waste Management Act of July 7, 1980, P.L. 380, No. 97, 35 P.S. Section 6018.101 - 6018.1003 and the Municipal Waste Regulations found at 25 PA Code Chapters 271-285 as follows:

On June 3, 2019, the Department conducted a routine municipal waste transfer station inspection at the Sunbury Transfer Facility. The Facility's scale was observed to be out of calibration. It was due to be calibrated by 5/31/2019.

Failure to maintain the scales calibration is a Violation of 25 PA Code 279.214(c) which states in part: **"An operator of a transfer facility that has received, is receiving or will receive 30,000 or more cubic yards of solid waste in a calendar year shall weigh solid waste when it is received. The scale used to weigh solid waste shall conform to 3 Pa.C.S. Chapter 41 (relating to the Consolidated Weights and Measures Act) ..."**

During the inspection waste was observed being dumped onto the surface of the unloading area. Form O, section B, Operating Plan of the Facility's 2013 permit renewal states that "Waste will be deposited into tractor trailers."

Unloading waste in an area that is not permitted by the Department is a violation of 25 PA Code 201(b) which states: **"(b) A person or municipality that operates a transfer station facility shall comply with the following: (2) The plans and specifications in the permit, the terms and conditions of the permit, the environmental protection acts, this title and orders issued by the Department."** and 25 PA Code 279.216(f) which States **"(f) Solid waste shall be confined to the unloading area and the approved storage areas."** and 25 PA Code 279.215(a) which states **"(a) Loading, unloading, storage, compaction and related activities shall be conducted in an enclosed building, unless otherwise approved by the Department in the permit."**

The facility contacted the Department on 5/29/2019 to report that they exceeded their permitted maximum daily tonnage. Transfer station records indicated that on 5/28/2019 105.5 tons of waste not including bagged waste was accepted at the facility. The facility is permitted to accept no more than 100 tons of waste on any single day.

Exceeding the facility's permitted maximum daily volume is a violation of 25 PA Code 279.223 which states: **"A person or municipality operating a transfer facility may not receive solid waste at the facility in excess of the maximum daily volume approved in the permit."**

While reviewing the facility's records it was discovered that daily volumes for waste hauled in by bagged waste customers was not being recorded and not accounted for while calculating daily tonnages.

Not accurately measuring the volume of waste prior to unloading is a violation of 25 PA Code 279.214(a) which states: **"(a) Solid waste delivered to the facility shall be accurately weighed or otherwise accurately measured prior to unloading."**

In order to come into compliance with the Pennsylvania Solid Waste Management Act, and Pennsylvania Municipal Waste Regulations the Department recommends the facility cease allowing waste to be placed outside of permitted areas. The Department recommends that the facility includes all bagged customer waste in calculating the daily tonnage. The Department recommends monitoring all incoming waste tonnage to prevent exceeding the facility's permitted maximum daily tonnage of 100 tons. The Facility corrected violations associated with the scale's calibration. Fairbanks Scales calibrated the scale on 6/4/2019.

You are officially notified of both the existence of the violations as well as the need to provide for prompt correction. Failure to correct the violations may result in legal proceedings against you under the Solid Waste Management Act. Under the Act, each day of the violation is considered a distinct and separate offense and will be handled accordingly.

This Notice of Violation does not waive, either expressly or by implication, the power or authority of the Commonwealth of Pennsylvania to prosecute for any or all violations of law arising prior to or after the issuance of this letter or the conditions upon which this letter was based, nor shall this letter be construed so as to waive or impair the rights of the Department of Environmental Protection heretofore or hereafter existing.

This Notice of Violation is neither an order nor any other final action of the Department of Environmental Protection. It neither imposes nor waives any enforcement action available to the Department under any of its statutes. If the Department determines that an enforcement action is appropriate, you will be notified of the action.

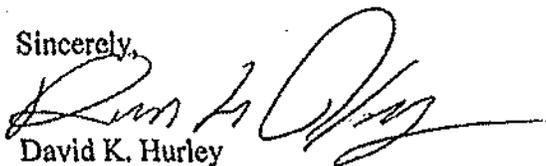
Mr. Jason Neidig

-3-

June 13, 2019

Within fourteen (14) days of receipt of this notice, please submit a plan to the Department for the correction of violations. If you have any questions about the above matter, please feel free to contact me at davidhurle@pa.gov or 570.327.3680.

Sincerely,



David K. Hurley  
Solid Waste Specialist  
Waste Management Program

cc: Compliance  
Regional File  
Field

# Commonwealth of Pennsylvania



## Department of State

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING:

WHEREAS, In and by Section 3.2 of the Act of 1945, P.L. 382, as amended, the Department of State is authorized and required to issue a

### CERTIFICATE OF AMENDMENT

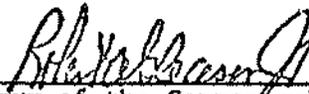
evidencing the amendment of the Articles of Incorporation of a Municipal Authority organized under or subject to the provisions of that law, and

WHEREAS, The stipulations and conditions of the Law pertaining to the amendment of Articles of Incorporation have been fully complied with by

THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY, COUNTY OF NORTHUMBERLAND, PENNSYLVANIA

THEREFORE, KNOW YE, That subject to the Constitution of this Commonwealth, and under the authority of the Municipality Authorities Act of 1945, as amended, I DO BY THESE PRESENTS, which I have caused to be sealed with the Great Seal of the Commonwealth, alter and extended the rights and powers of the corporation named above, in accordance with the terms and provisions of the Articles of Amendment presented by it to the Department of State, with full power and authority to use and enjoy such rights and powers, subject to all the provisions and restrictions of the Municipality Authorities Act of 1945, as amended, and all other applicable laws of this Commonwealth.

GIVEN under my Hand and the Great Seal of the Commonwealth, at the City of Harrisburg, this 9th day of January in the year of our Lord one thousand nine hundred and eighty-seven, and of the Commonwealth the two hundred and eleventh.

  
Secretary of the Commonwealth

pjd

## MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY

RESOLUTION PROPOSING AMENDMENTS TO  
ARTICLES OF INCORPORATION TO INCREASE THE TERM OF  
EXISTENCE OF THE AUTHORITY  
AND TO SET FORTH ADDITIONAL POWERS AND PURPOSES

WHEREAS, the Municipal Authority of the City of Sunbury (the "Authority") was organized by the City of Sunbury (the "City") under the Municipality Authorities Act of 1945 (the Act of May 2, 1945, P.L. 382, as amended and supplemented) of the Commonwealth of Pennsylvania pursuant to an ordinance duly enacted by the City Council on March 12, 1947, as evidenced by its certificate of incorporation dated March 24, 1947; and

WHEREAS, the said Articles of Incorporation were amended by an ordinance duly enacted by the City Council on August 12, 1955 and Articles of Amendment were filed with the Secretary of the Commonwealth of Pennsylvania; and

WHEREAS, by Resolution dated December 4, 1986, the City Council authorized the Authority to assume responsibility for the operation of the City's solid waste management system and transfer station; and

WHEREAS, the City's Resolution of December 4, 1986, was accepted by the Authority on December 9, 1986; and

WHEREAS, in connection with the Authority's assumption of responsibility for the operation of the City's solid waste management system and transfer station, it is necessary and advisable that its powers and purposes be increased and its term extended.

NOW THEREFORE, IT IS HEREBY RESOLVED by the Board of the Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania as follows:

1. The Articles of Incorporation (as amended) of the Municipal Authority of the City of Sunbury, Northumberland County, Pennsylvania are hereby amended as follows:

1.1. Paragraph 2 of the Articles is hereby amended to increase the term of existence of the Authority so that, as amended, such paragraph shall be and read in full:

"2. The said Authority is formed under the provisions of the Act of May 2, 1945 (Act No. 164), P.L. 382. The term of existence of the Authority shall expire December 29, 2036."

1.2. Paragraph 8 of the Articles is hereby amended to add to the powers and purposes of the Authority so that, as amended, such paragraph shall be and read in full:

"8. The projects to be undertaken by the Authority shall be for the purpose of acquiring, holding, constructing, improving, maintaining and operating, owning, leasing, either in the capacity of lessor or lessee, projects of the following kind and character:

a. Parks, recreation grounds and facilities;

b. Sewer systems or parts thereof, sewage treatment works, including works for treating and disposing of industrial waste in the City of Sunbury and such other areas as the Authority may be authorized to serve;

c. Water works, water supply works, water distribution systems in the City of Sunbury and such other areas as the Authority may be authorized to serve;

d. Facilities and equipment for the collection, removal or disposal of ashes, garbage, rubbish and other refuse materials by incineration, landfill or other methods in the City of Sunbury and such other areas as the Authority may be authorized to serve."

2. These proposed Amendments shall be submitted to City Council for adoption or rejection by resolution.

3. The Chairman and Secretary of the Authority are hereby authorized and directed to execute Articles of Amendment as herein set forth after the proposed amendments shall have been adopted by City Council, and when so adopted, the Articles of Amendment shall be filed with the Secretary of the Commonwealth of Pennsylvania after advertisement of intention to file as required by the Municipality Authorities Act of 1945 under which advertisement is directed.

4. The proper officers of the Authority are hereby authorized and directed to execute such other documents and to perform such other acts as may be necessary and appropriate to carry out the intent and purpose of this Resolution.

5. All resolutions and parts of resolutions inconsistent herewith are hereby rescinded.

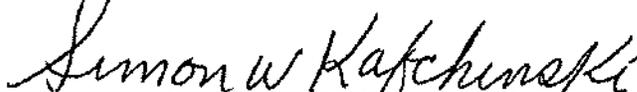
RESOLVED this twenty-third day of December, 1986.

  
JOEY A. STORASKA, CHAIRMAN

THE MUNICIPAL AUTHORITY OF THE  
CITY OF SUNBURY, COUNTY OF  
NORTHUMBERLAND, PENNSYLVANIA

(SEAL)

ATTEST:

  
SIMON W. KAFCHINSKI, SECRETARY

Filed in the Department of State on  
the 9th day of JANUARY 19 87  
*Robert G. Weaver, Jr.*  
Secretary of the Commonwealth

8720 958

THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY,  
COUNTY OF NORTHUMBERLAND, PENNSYLVANIA

ARTICLES OF AMENDMENT

347753

TO THE SECRETARY OF THE COMMONWEALTH OF PENNSYLVANIA:

In compliance with the Act of Assembly of the Commonwealth of Pennsylvania, entitled the "Municipality Authorities Act of 1945" (the Act of May 2, 1945, P.L. 382, as amended and supplemented), the Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania (the "Authority"), desiring to amend its Articles of Incorporation, hereby certifies under its corporate seal that:

1. The name of the Authority is "The Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania" and the location of its registered office is 225 Market Street, Sunbury, Pennsylvania 17801.
2. The Authority was formed under the Municipality Authorities Act of 1945 as shown by its certificate of incorporation duly issued under date of March 24, 1947.
3. There is attached hereto a copy of the Resolution duly adopted by the City of Sunbury ("City"), of the County of Northumberland, Pennsylvania, being the municipality incorporating the Authority approving the proposed amendments to the Articles of Incorporation.
4. The amendments to the Articles of Incorporation of the Authority, which were proposed by the Board of said Authority and approved by the City are as follows:

4.1. Paragraph 2 of the Articles is hereby amended to increase the term of existence of the Authority so that, as amended, such paragraph shall be and read in full:

"2. The said Authority is formed under the provisions of the Act of May 2, 1945 (Act No. 164), P.L. 382. The term of existence of the Authority shall expire December 29, 2036."

4.2. Paragraph 8 of the Articles is hereby amended to add to the powers and purposes of the Authority so that, as amended, such paragraph shall be and read in full:

"8. The projects to be undertaken by the Authority shall be for the purpose of acquiring, holding, constructing, improving, maintaining and operating, owning, leasing, either in the capacity of lessor or lessee, projects of the following kind and character:

a. Parks, recreation grounds and facilities;

b. Sewer systems or parts thereof, sewage treatment works, including works for treating and disposing of industrial waste in the City of Sunbury and such other areas as the Authority may be authorized to serve;

c. Water works, water supply works, water distribution systems in the City of Sunbury and such other areas as the Authority may be authorized to serve;

d. Facilities and equipment for the collection, removal or disposal of ashes, garbage, rubbish and other refuse materials by incineration, landfill or other methods in the City of Sunbury and such other areas as the Authority may be authorized to serve."

IN WITNESS WHEREOF the Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania has caused these Articles of Amendment to be executed under the seal of the Authority and verified by two duly authorized officers of the Authority this 30th day of December, 1986.

8720 960

MUNICIPAL AUTHORITY OF THE  
CITY OF SUNBURY, COUNTY OF  
NORTHUMBERLAND, PENNSYLVANIA

BY: *Joey A. Storaska*  
JOEY A. STORASKA, CHAIRMAN

(SEAL)

ATTEST:

*Simon W. Kafchinski*  
SIMON W. KAFCHINSKY, SECRETARY

347753

*[Signature]*  
Secretary of the Commonwealth

THE MUNICIPAL AUTHORITY OF THE CITY OF SUNBURY,  
COUNTY OF NORTHUMBERLAND, PENNSYLVANIA

ARTICLES OF AMENDMENT

TO THE SECRETARY OF THE COMMONWEALTH OF PENNSYLVANIA:

In compliance with the Act of Assembly of the Commonwealth of Pennsylvania, entitled the "Municipality Authorities Act of 1945" (the Act of May 2, 1945, P.L. 382, as amended and supplemented), the Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania (the "Authority"), desiring to amend its Articles of Incorporation, hereby certifies under its corporate seal, that:

1. The name of the Authority is "The Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania" and the location of its registered office is 225 Market Street, Sunbury, Pennsylvania 17801.
2. The Authority was formed under the Municipality Authorities Act of 1945 as shown by its certificate of Incorporation duly issued under date of March 24, 1947.
3. There is attached hereto a copy of the Resolution duly adopted by the City of Sunbury ("City") of the County of Northumberland, Pennsylvania, being the municipality incorporating the Authority approving the proposed amendment to the Articles of Incorporation.

EXHIBIT A

4. The amendment to the Articles of Incorporation of the Authority, which were proposed by the Board of said Authority and approved by the City are as follows:

Paragraph 8 of the Articles is hereby amended so that, as amended, such paragraph shall be and read in full:

"8. The projects to be undertaken by the Authority shall be for the purpose of acquiring, holding, constructing, improving, maintaining and operating, owning, leasing, either in the capacity of lessor or lessee, projects of the following kind and character:

a. Sewer systems or parts thereof, sewage treatment works, including works for treating and disposing of industrial waste in the City of Sunbury and such other areas as the Authority may be authorized to serve;

b. Water works, water supply works, water distribution systems in the City of Sunbury and such other areas as the Authority may be authorized to serve;

c. Facilities and equipment for the collection, removal or disposal of ashes, garbage, rubbish and other refuse materials by incineration, landfill or other methods in the City of Sunbury and such other areas as the Authority may be authorized to serve;

d. Flood control projects in the City of Sunbury and such other areas as the Authority may be authorized to serve."

IN WITNESS WHEREOF, the Municipal Authority of the City of Sunbury, County of Northumberland, Pennsylvania, has caused these Articles of Amendment to be executed under the seal of the Authority and verified by two duly authorized officers of the Authority this 6th day of January, 1993.

THE MUNICIPAL AUTHORITY OF THE  
CITY OF SUNBURY, COUNTY OF  
NORTHUMBERLAND, PENNSYLVANIA

ATTEST:

Simon W. KaŹchinski  
Simon W. KaŹchinski, Sec'y.

BY Joey A. Storaska  
Joey A. Storaska, Chairman

(SEAL)





SUNBMUN-01

CZELLERS

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/26/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Purdy Insurance Agency, Inc 136 Market Street Sunbury, PA 17801	<b>CONTACT NAME:</b> <b>PHONE (A/C, No, Ext):</b> (570) 286-5855 <b>FAX (A/C, No):</b> (570) 286-0219 <b>E-MAIL ADDRESS:</b>  <b>INSURER(S) AFFORDING COVERAGE</b> NAIC # <b>INSURER A:</b> Selective Insurance Company of South Carolina 19259 <b>INSURER B:</b> <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>
<b>INSURED</b> Sunbury Municipal Authority City of Sunbury 462 S. 4th Street Sunbury, PA 17801	

**COVERAGES**                      **CERTIFICATE NUMBER:**                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A X	COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PROJ <input checked="" type="checkbox"/> LOC OTHER		S 2164485	10/1/2019	10/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY		S 2164485	10/1/2019	10/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A X	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0		S 2164485	10/1/2019	10/1/2020	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N N/A	WC 7225533	10/1/2019	10/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E L EACH ACCIDENT \$ 500,000 E L DISEASE - EA EMPLOYEE \$ 500,000 E L DISEASE - POLICY LIMIT \$ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

<b>CERTIFICATE HOLDER</b> Commonwealth of PA Dept. of Environmental Protection Bureau of Waste Management PO Box 2063 Harrisburg, PA 17105-2063	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
---	--



THE NORTHUMBERLAND NATIONAL BANK  
 NNB-SUNBURY OFFICE, 245 Front St, Northumberland, PA 17857-0271

**TIME CERTIFICATE OF DEPOSIT**  
**NONTRANSFERABLE AND NONNEGOTIABLE**

<b>Account Title</b>		<b>Account Type</b>		<b>Taxpayer ID Number</b>
SUNBURY MUNICIPAL AUTHORITY SOLID WASTE TRANSFER STATION		60 MONTH CD		24-6001871
<b>Account Number</b>	<b>Amount</b>	<b>Date of Issue</b>	<b>Maturity Date</b>	<b>Term</b>
0000000310051077	\$ 20,000.00	June 21, 2012	June 21, 2017	60 Months / Automatic Renewal
<b>Interest Rate Per Annum</b>				<b>Interest Payment Frequency</b>
<b>Rate</b>	<b>Annual Percentage Yield</b>	<b>Account Balance</b>		<b>Monthly</b>
1.64 %	1.65%	\$ 100,000.00 or more		<b>Interest Payment Disposition</b> Interest will be capitalized to this certificate.
1.54 %	1.55%	\$ 5,000.00 - \$ 99,999.99		
1.29 %	1.30%	\$ 2,500.00 - \$ 4,999.99		
1.04 %	1.04%	\$ 500.00 - \$ 2,499.99		

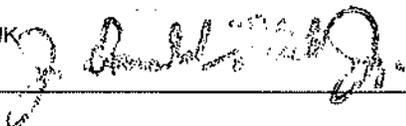
**TIME CERTIFICATE OF DEPOSIT**

**Agreement.** This Time Certificate of Deposit is a part of, and governed by, our Time Deposit Agreement. Among other things, this means that all terms defined in that agreement have the same meanings here. You have received a copy of that agreement, the Truth in Savings disclosures (if applicable), and the fee schedule. You have read them and agree to them.

**Early Withdrawal Penalty.** We do not have to permit early withdrawals from the account. On each one we do permit, we can charge a penalty calculated as follows: For terms less than or equal to one year the penalty will be one month's interest on the amount withdrawn. For terms greater than one year and less than four years the penalty will be three month's interest on the amount withdrawn. For terms greater than or equal to four years the penalty will be six months interest on the amount withdrawn. If there is enough accrued interest to cover the penalty, we deduct the penalty from it. If not, we deduct the remainder of the penalty from principal. If the account is a variable rate account, we will calculate the penalty using the interest rate being applied at the time of withdrawal. If the account is an Individual Retirement Account, the early withdrawal penalty will be in addition to any penalty imposed under the Individual Retirement Account (IRA) Disclosure Statement. The minimum early withdrawal penalty is seven days' simple interest on any amount withdrawn (a) within the first six days after the account is opened, or (b) within six days after a previous early withdrawal.

**Nontransferable.** This Time Certificate of Deposit is nonnegotiable and nontransferable. All purported holders or assignees of it agree that our right of setoff will have priority over any of their claims.

THE NORTHUMBERLAND NATIONAL BANK

By 

JUN 21 2012  
Date

SURRENDERED BY:

X \_\_\_\_\_

\_\_\_\_\_  
Date

X \_\_\_\_\_

\_\_\_\_\_  
Date

TIME CERTIFICATE OF DEPOSIT  
 NONTRANSFERABLE AND NONNEGOTIABLE  
 SUNBURY MUNICIPAL AUTHORITY / 0000000310051077

D0001100 / 20081930 Printed 6/21/2012 10:38:00 AM  
 © 2008 Melavante Corporation

99  
ck

"\*\*" except on the books of the bank" all proper forms and paperwork attached to all bank copies.

## **Form D – Environmental Assessment**

---

Below are the questions/criteria and bulleted responses to each Environmental Assessment Criteria which can be found as Form D Appendix M - Form D Environmental Assessment for Municipal and Residual Waste Management Facilities.

**A. Geologic**

1. Is the proposed facility within an area with a 10% or greater probability that a maximum horizontal acceleration will exceed 0.1g in 250 years as mapped by the PA Geologic Survey or the USGS? If yes, the applicant shall specify design measures necessary to withstand potential seismic events, and the Department will determine whether the proposed design measures provide adequate protection from earthquake damage.
  - No. Refer to Form D Appendix A for the USGS Frequency of Damaging Earthquakes in the US. According to our project location there is a maximum of 4 damaging earthquake occurrences predicted in 10,000 years.
2. Are there any potential geologic hazards, foundation problems, or groundwater conditions which require site investigation? If yes, identify and describe.
  - Yes. During the design of the solid waste transfer station a 2013 geotechnical report was prepared for subsurface conditions near the project. Refer to Form D Appendix B for the 2013 Geotechnical Report. The site was designed with a stone pier design to maximize the stability of subsurface conditions. The same design has been considered with the proposed project.

**B. Scenic Rivers**

1. Is the project located in the waterway or corridor of a stream or river designated as a Pennsylvania Scenic River or a waterway included in the National Wild and Scenic River System?
  - No. Refer to Form D Appendix C State and Federal Scenic River Map. The project location is not near a state or federal designated scenic river.
2. Is the project located within one mile of the stream or river bank of a 1-A priority waterway, as identified by the Department of Conservation and Natural Resources?
  - No. Refer to Form D Appendix D PA Registered Waterways. The closest registered waterway is the lower West Branch of the Susquehanna River, and the project is located 1.60 miles from the East and West Branch confluence.
3. Is the project located within one mile of the stream or river bank of a waterway under study for designation as a Pennsylvania Scenic River or inclusion in the National Wild and Scenic River System?
  - No. Refer to Response B.1 and B.2.
4. Is the project located in the drainage area (watershed) of a stream or river designated as a Pennsylvania Scenic River or a National Wild and Scenic River?
  - No. The drainage area is the Susquehanna River.

5. Will the project result in discharges of any kind to the waterway or corridor of a stream or river designated as a Pennsylvania Scenic River or National Wild and Scenic River?
  - No. Refer to Response B.4.
  
6. Will the project result in increased railroad or highway traffic having an adverse impact upon a waterway designated as a Pennsylvania Scenic River or a National Wild and Scenic River?
  - No. The highway traffic will not adversely affect a designated waterway.
  
7. Can the project be seen from the waterway or corridor of a stream or river designated as a Pennsylvania Scenic River or National Wild and Scenic River?
  - No.
  
8. Does the project impact, visually or physically, the aesthetic environment or recreational activities or opportunities of a stream or river designated as a Pennsylvania Scenic River or National Wild and Scenic River?
  - No. Refer to question and response B.7.
  
9. Are remedial or mitigating measures necessary to make the project conform to land and water management guidelines that were developed for this specific Pennsylvania Scenic River or National Wild and Scenic River?
  - Not Applicable.
  
10. Is the project located within a Special Protection Watershed, as designated in Chapter 93 (relating to Pennsylvania's Stream Water Quality Criteria) of the Rules and Regulations of the Pennsylvania Department of Environmental Protection? If yes:
  - Yes.
    - a. Identify the stream and watershed, and the distance of the stream from the project.
      - The Chapter 93 Stream designation of Shamokin Creek is classified as WWF, MF (Warm Water Fishery, Migratory Fish). At its closest distance, Shamokin Creek is approximately 730 feet from the solid waste transfer station.
    - b. Describe the characteristics of the project which might create adverse impacts on the stream.
      - There are no adverse impacts or increased impermeable areas as part of the project.
    - c. Describe measures to be taken to minimize adverse impacts on the stream.
      - All runoff from the site is collected and sent to the Municipal Authority of the City of Sunbury's Wastewater Treatment Facility for treatment before discharged into Shamokin Creek.
  
11. Will the project, absent control measures, result in an increase in the peak discharge rate for storm water drainage from the project site? If yes:
  - No. The proposed project does not increase the amount of impermeable area at the site.
    - a. Describe the amount of increase in the peak discharge rate for storm water drainage. NA

- b. Describe adverse impacts that might result from the increase in peak discharge rate for stormwater drainage. NA
- c. Describe measures to be taken to minimize adverse impacts from the increase in the peak discharge rate for storm water drainage. NA

12. Are remedial or mitigating measures required as part of the implementation and management plans for this project? If yes, identify and demonstrate the degree of mitigation.

- No. Refer to questions and response B.10.C.

C. Wetlands

1. Are wetlands present within the facility or adjacent areas? If yes, Wetlands must be identified by using the 1987 Corp of Engineers Wetland Delineation Manual for the Department's regulatory purposes. Current wetland identification and delineation procedures are available from DEP Regional Offices. Direct impacts to wetlands (changing their cross section by grading or excavating) will require a Chapter 105 permit. A Chapter 105 permit will not be issued until the applicant demonstrates that impacts have minimized or avoided to the greatest extent practicable and approved plans for mandatory replacement of wetlands have been submitted. A determination must be made as to whether the wetlands are Exceptional Value (EV) according to Chapter 105. These wetlands have a higher level of protection.

- No. Refer to Form D Appendix E U.S. Fish and Wildlife Service National Wetlands Inventory Map. Any area that is proposed to be disturbed has been previously disturbed with the Solid Waste Transfer Station Project of 2013. There are no wetlands proposed to be disturbed as part of the project.

2. An environmental assessment shall be included with the permit application. It shall evaluate the wetland's functions and values. According to application requirements an assessment of the functions and values of wetlands may include, but not limited to, the items listed below. (Proposed indirect impacts to wetlands, which do not include a change in the wetland cross section, such as an alteration in hydrology alone, will not require a Chapter 105 permit, but will require an environmental assessment.)

- Not Applicable. Refer to questions and response C.1.
- a. Do the wetlands serve an important natural biological function, including food chain production; providing general habitat; and providing nesting, spawning, rearing and resting sites for aquatic or land species?
- b. Are the wetlands set aside for study of the aquatic environment or as sanctuaries or refuges?
- c. Would alteration or destruction of the wetlands detrimentally affect natural drainage characteristics, sedimentation patterns, salinity distribution, flushing characteristics, natural water filtration process, current patterns or other environmental characteristics?
- d. Are the wetlands significant in shielding other areas from wave action erosion, or storm damage?
- e. Do the wetlands serve as valuable storage areas for storm and flood waters?

- f. Are the wetlands prime natural recharge areas (i.e., locations where surface and groundwater are directly interconnected)?
- g. To assist with an assessment of the functions and values please provide a description of the wetland classification according to the Cowardin classification system, including the wetland's water regime.

D. Parks

1. Is the project located within one mile of: a unit of the National Parks System; a state, county, local or municipal park; a recreation facility operated by the U.S. Army Corps of Engineers; a state forest picnic area; a national landmark; or the Allegheny River Reservoir in the Allegheny National Forest? If yes:
  - There are no National Parks System; a state, county park; a recreation facility operated by the U.S. Army Corps of Engineers; a state forest picnic area; a national landmark; or the Allegheny River Reservoir in the Allegheny National Forest within one mile of the project.
  - a. Identify the park or other area and its distance from the project.
    - There are three local parks within one mile of the Solid Waste Transfer Station:
      - Cameron Park (0.6 mile from solid waste transfer station)
      - Merle Philips Riverfront Park (0.5 mile from solid waste transfer station)
      - Keithan's Bluebird Gardens (0.5 mile from solid waste transfer station)
  - b. Conduct visual and traffic analyses.
    - Please see response to question D.1.c.
  - c. Describe the characteristics of the project which might create adverse environmental, visual, or traffic impacts on or in the vicinity of the park or other area.
    - There are no impacts visually or environmentally that would adversely influence the local parks.
    - There will be a slight increase in the amount of truck traffic traveling past Keithan's Bluebird Gardens. Please see section J – Traffic for more information.
  - d. Describe measures to be taken to minimize adverse impacts on the park or other area.
    - Limit the amount of truck traffic by only hauling trailers that are full.
2. Is the project within one mile of the foot path of the Appalachian Trail? If yes:
  - No. The Appalachian Trail does not pass through Northumberland County.
  - a. Indicate the distance from the project to the Appalachian Trail. NA
  - b. Conduct visual and traffic analyses. NA
  - c. Describe the characteristics of the project which might create adverse environmental, visual, or traffic impacts on the Appalachian Trail. NA
  - d. Describe measures to be taken to minimize adverse impacts on the Appalachian Trail. NA

3. Is the project located within one mile of a national natural landmark designated by the U.S. National Park Service; or of a natural area, or of a wild area designated by the Pennsylvania Environmental Quality Board? If yes:
  - No. According to the National Park Service website there are no national natural landmark designated by the U.S. National Park Service; or of a natural area within one mile of the site.
  - There are no PA wild areas within one mile of the project site.
  - a. Identify the natural landmark, natural area, or wild area and its distance from the project. NA
  - b. Conduct visual and traffic analyses. NA
  - c. Describe the characteristics of the project which might create adverse environmental, visual, or traffic impacts on the natural landmark, natural area, or wild area. NA
  - d. Describe measures to be taken to minimize adverse impacts on the natural landmark, natural area, or wild area. NA

E. Fish, Game and Plants

1. Is the project located within one mile or within an identified potential impact area of a national wildlife refuge, national fish hatchery, or national environmental center operated by the U.S. Fish and Wildlife Service? If yes:
  - No. The project is not located within one mile of a national wildlife refuge, national fish hatchery, or national environmental center operated by the U.S. Fish and Wildlife Service.
  - a. Identify the wildlife refuge, fish hatchery, or environmental center and its distance from the project. NA
  - b. Conduct visual and traffic analyses. NA
  - c. Describe the characteristics of the project which might create adverse environmental, visual, or traffic impacts on the wildlife refuge, fish hatchery, or environmental center. NA
  - d. Describe measures to be taken to minimize adverse impacts on the wildlife refuge, fish hatchery, or environmental center. NA
2. Is the project located within 1/4 mile of the boundary of a state forest or state game land; or of the proclamation boundary of the Allegheny Natural Forest? If yes:
  - No. The project is not located within 1/4 mile of the boundary of a state forest or state game land; or of the proclamation boundary of the Allegheny Natural Forest
  - a. Identify the forest or game land and its distance from the project. NA
  - b. Describe the characteristics of the project which might create adverse impacts on the forest or game land. NA
  - c. Describe measures to be taken to minimize adverse impacts of the project on the forest and game land. NA
3. Is the project located within an area which supports endangered, threatened, rare plant or animal species listed under the Federal Endangered Species Act, 16 U.S.C.A. §1531 et seq. (1973); the Act

of June 23, 1982 (P.L. 597, No. 170), as amended, known as the Wild Resources Conservation Act, 32 P.S. §5301 et seq.; the Act of October 16, 1980 (P.L. 996, No. 175), as amended, known as the Pennsylvania Fish and Boat Code, 30 Pa. C.S.A. §101 et seq. or the Act of July 8, 1986 (P.L. 442, No. 93), as amended, known as the Pennsylvania Game and Wildlife Code, 34 Pa. C.S.A. §101 et seq. or located in exemplary natural communities as defined by the Pennsylvania Natural Diversity Inventory? If yes:

- No. Please refer to Form D Appendix F PNDI Receipt.
  - a. Identify the species and the habitat area or natural community and the location of the project within the area. NA
  - b. Describe the characteristics of the project which might create adverse impacts on the species, habitat, or natural community. NA
  - c. Describe measures to be taken to minimize adverse impacts on the species, habitat, or natural community. NA
  - d. Describe any contact you have had with the Pennsylvania Fish and Boat Commission, Pennsylvania Game Commission, U.S. Fish and Wildlife Service, or the Pennsylvania Department of Environmental Protection (Plant Program) about the project. NA
4. Does the proposed project impact critical and unique wildlife habitats (deer wintering areas, caves, denning sites, rock outcrops, or similar habitats)? If yes, please identify these habitats and describe proposals to minimize or mitigate these impacts.
- No. The project does not impact critical and unique wildlife habitats. The habitats listed in the question are not present on or near the project.
5. Is the facility within 1/4 mile of a water resource listed as stocked waters by the Pennsylvania Fish and Boat Commission?
- No. The nearest water resource listed as stocked waters by the Pennsylvania Fish and Boat Commission is Little Shamokin Creek which is greater than a mile from the project.
6. Is the facility within 1/4 mile of a water resource designated as a wild trout stream by the Pennsylvania Fish and Boat Commission?
- No. There are no water resources designated as a wild trout stream by the Pennsylvania Fish and Boat Commission within at least a 2 mile radius of the project.
7. Is the facility within 1/4 mile of a High Quality or Exceptional Value stream listed in 25 Pa. Code Ch. 93? If yes, indicate stream classification.
- No. The only waters located within ¼ mile of the project is Shamokin Creek (WWF, MF) and Susquehanna River (WWF, MF).
8. Is there any perennial stream(s) within or directly hydrologically connected to the project? if yes:
- No, there are no perennial streams connected to the project. All runoff is collected on site and sent to the Municipal Authority of the City of Sunbury's Wastewater Treatment Facility.
  - a. Identify the streams and watershed and the location of the stream(s) in relation to the project. NA

- b. Identify the fish species present within the perennial stream(s). NA
  - c. Identify the protected uses, as designated in 25 Pa. Code Ch. 93 (relating to Pennsylvania's Stream Water Quality Criteria), that are listed for the stream(s)/watershed(s). NA
  - d. Describe the characteristics of the project which might create adverse impacts on the stream(s). NA
  - e. Describe measures to be taken to minimize adverse impacts on the stream(s). NA
9. Is the facility within one mile of a stream commonly used for recreational activities? If yes:
- Yes. The project is located approximately 0.5 miles from Lake Augusta on the Susquehanna River. The "Lake" is used for boating and fishing.
    - a. Describe the characteristics of the project which may create adverse visual and traffic impacts.
      - The characteristics that would create adverse impacts would be the additional truck traffic. Refer to section J – Traffic.
    - b. Describe measures to be taken to minimize the adverse impacts.
      - Limit the amount of truck traffic by only hauling trailers that are full.

F. Water Uses

1. Is the project located within the watershed or aquifer, and within one mile, of a public water supply facility dependent on groundwater sources; or upstream, within the watershed, and within three miles of a public water supply facility dependent on surface sources? If yes:
- The project is located 1.4 miles downstream from a Public Water Treatment Facility that is dependent on two surface sources.
    - a. Identify the public water supply facility and its supply sources, locate both on a topographic map, and indicate their distances from the project.
      - Refer to Form D Appendix G Water Plant and Intake Location.
      - Distance from Project to the Municipal Authority of the City of Sunbury Water Plant – 1.4 miles
      - Distance from Project to Little Shamokin Creek Intake – 1.4 miles
      - Distance from Project to Susquehanna River Intake – 0.9 mile
    - b. Briefly describe the public water supply facility, including capacity and population served.
      - The public water facility averages approximately 2.5 million gallons of water per day. The population served is approximately 10,000.
    - c. Describe measures to be taken to protect the public water supply facility from any potential harm.
      - All runoff created by the site is collected on site and sent to the Municipal Authority of the City of Sunbury's Wastewater Treatment Facility. The project is downstream of the public water facility and both surface source intakes.

2. Is the project within the groundwater recharge area for any public or private water supplies? If yes, provide the following:
  - No. All water/runoff is collected and sent to the neighboring Wastewater Treatment Facility.
  - a. Delineate the position of the proposed permit area within relevant groundwater flow systems. NA
  - b. Identify public and private water supplies which may potentially be adversely affected by groundwater flow associated with the proposed facility, including a detailed hydrogeologic study addressing the potential effect of the proposed facility on the water supplies. NA
  - c. Does the hydrogeologic study mentioned above indicate adverse affects on any public or private water supplies? If yes, provide the following: feasibility of permanently replacing or restoring the water supply to like quantity and quality with the existing supply and at no additional cost to the owner. A description of the means to restore or replace the water supply shall also be provided. NA
3. Is the project located within a high quality or exceptional value watershed? If yes:
  - No. The project is located within the Shamokin Creek Watershed. The Susquehanna River is classified as WWF, MF.
  - a. Identify the stream segment. NA
  - b. List any physical or chemical parameters that would be associated with the discharge or runoff from the facility. NA

#### G. Recreation

Is there a potential impact the facility will have on recreational areas or facilities within one mile of the proposed project? If yes, identify any mitigation proposals to eliminate or reduce adverse impacts and any mitigation proposals to enhance these areas.

- Refer to section D.1. and section E.9.

#### H. Historic/Archaeologic

1. Is the project located within one mile of an historic or archaeological property owned by the Pennsylvania Historical and Museum Commission? If yes:
  - No. There are several Historic Markers found throughout the City of Sunbury, but there are no properties owned by the Pennsylvania Historical and Museum Commission.
  - a. Identify the historic or archaeological property and its distance from the project. NA
  - b. Conduct visual and traffic analyses and impact on the historic or archaeological property. NA
  - c. Describe the characteristics of the project which might create adverse environmental, visual, or traffic impacts on the historic and archeological properties. NA
  - d. Describe measures to be taken to minimize adverse impacts on the historic and archeological properties. NA

2. Is the project located within 1/4 mile of a historic site listed in the National Register of Historic Places or the Pennsylvania Inventory of Historic Places or an archaeological site listed in the Pennsylvania Archaeological Site Survey? If yes:
  - No. There are no National Register of Historic Places within ¼ mile of the project site according to the National Park Service's National Historic Landmarks of Pennsylvania.
  - a. Identify the historic or archaeological site and its distance from the project. NA
  - b. Describe the characteristics of the project which might create adverse impacts on the historic or archaeological site. NA
  - c. Describe measures to be taken to minimize adverse impacts on the historic or archaeological site. NA
  - d. Indicate any contact you have had with the Pennsylvania Historical and Museum Commission about the project. NA

I. Airports (applies to landfill only) – NA

1. Is the proposed landfill located within 6 miles of a public airport and subject to 49 U.S.C. §44718(d) (relating to limitation on construction of landfills)? If yes:
  - a. Has the public airport received grants under Chapter 471 and is primarily served by general aviation aircraft and regularly scheduled flights of aircraft designed for 60 passengers or less?
  - b. Has the Pa. State aviation agency requested the FAA Administration to exempt the landfill from the application of Section 44718(d) and the FAA Administration has issued the exemption in writing stating that the facility will have no adverse impact on aviation safety?
2. Is the existing landfill or proposed expansion within 6 miles of an airport runway? If yes:

Attach Proof of Notice to the Bureau of Aviation of the Pennsylvania Department of Transportation, the Federal Aviation Administration and the airport and the response received to each notification.

J. Traffic

The following information is requested, in part, to assist the Department of Environmental Protection, in consultation with the Department of Transportation or their designee or other appropriate reviewers, in determining whether further traffic and/or roadway studies are necessary as part of this permit application. The information will also assist in determining the scope of such a study, should one be required. Department of Transportation guidelines and criteria are available to advise the applicant of the scope and manner in which such studies shall be conducted and presented.

- As a preface to this section, I would like to add that the Municipal Authority of the City of Sunbury's Solid Waste Transfer Station is existing. There is existing traffic to and from the solid waste transfer station. The type of traffic will remain the same. The Authority utilizes approximately twenty-ton capacity tractor trailers to haul the waste from their transfer station to the Wayne Township Landfill. The residential waste drop off is not expected to increase or decrease. The incoming traffic expected to increase is the residential garbage haulers (packer trucks) which haul an approximate average of ten ton per truck.

- Currently the solid waste transfer station has a restriction of 100 tons of waste per day. The purpose of the permit is to revise the tonnage limit to 300 tons per day. During a day where the transfer station reaches the maximum daily limit of the new permit, there can be ten additional tractor trailers leaving and returning to the station. However, the additional ten tractor trailers will eliminate approximately twenty packer trucks traveling to the Wayne Township Landfill.
1. Identify routes from the nearest limited access (or major) highway used by vehicles traveling to and from the facility ('approach routes'). Submit PennDOT Type 10 maps clearly showing the location of the facility, approach routes and the nearest limited access (or other major) highway. Highlight all municipalities on approach routes on these maps. Submit a site plan showing the location of all existing or proposed driveways to the facility.
    - Refer to Form D Appendix H Approach Route Google Map Directions. Appendix H shows directions from the landfill to the station. When traveling from the transfer station to the landfill the route is nearly the same. However, to merge onto SR0061, the station traffic will travel 2<sup>nd</sup> Street until Garringer Alley where they will turn to merge on SR0061.
    - Refer to Form D Appendix I PennDOT Type 10 Map of the project site.
    - Refer to Form D Appendix J Existing Driveway Location.
    - The approach route found in Appendix H is the typical existing approach route used. The Authority will notify Wayne Township Landfill of the approved approach route for them to use when delivering trailers to and from the solid waste transfer station.
  2. Identify daily and hourly traffic volumes that will result along each approach route, hourly and daily, from construction and operation of the facility. Identify the traffic volumes by the number, direction (to or from the site), type (use AASHTO vehicle designations), size, weight and distribution of vehicles used for construction and operation of the facility. Project the same data out for each of the next ten years.
    - Refer to Form D Appendix K Approach Route ADT.
    - With the increased tonnage limit the approach route will experience a maximum of fifteen WB-15 large Semi-Trailer Combination Trucks per day. On average the approach route will experience approximately eight Semi-Trailer Combination Trucks per day. As an existing condition, the approach route experiences 4-5 trucks per day.
    - The amount of traffic is not expected to significantly change within the next ten years.
  3. Identify locations on approach routes where bridge and/or roadway conditions (e.g., weight limits, vertical clearance restrictions, one-lane or narrow bridges, insufficient lane widths, or roadway surfaces) may require repair or improvement to accommodate traffic related to the proposed facility. Describe necessary improvements.
    - There are no restrictions that require repair or improvement to accommodate the traffic. The size and type of traffic traveling the approach routes will not change with the revision of the permit. However, the volume of trailers traveling the route is expected to increase.
  4. Identify sections of roadway along the approach routes that are congested (e.g., that experience traffic backups or queuing), or are expected to be congested within the next ten years. Identify the impact that the additional facility traffic will have on traffic flow, and describe measures to mitigate related congestion.

- The approach route travels through local roadways near the transfer station. Once the haulers reach SR0061, the approach route follows major highways to the Wayne Township Landfill.
  - The haulers do not experience issues with congestion when traveling the designated approach route.
5. Identify, by location, land uses along the approach routes, such as residential, commercial, industrial and agricultural, and identify residences fronting the roadways (50 feet setback or less), schools, hospitals, nursing homes and other significant buildings. Describe potential adverse impacts of increased facility traffic volumes and recommend countermeasures.
- The increase in traffic due to the tonnage increase is negligible when comparing to the ADT of roadways along the approach route. There are no land use issues currently, so the minor increase in traffic will not conflict land uses.
6. Identify locations on approach routes where intersection turning radii are insufficient to allow turns to be made within the physical boundaries of the roadway pavement and without encroaching on opposing travel lanes. Describe necessary improvements.
- There are no turning restrictions on the approach route. When leaving the transfer station and turning from 2<sup>nd</sup> Street to Garringer Alley, modifications have been made to the turning radii to allow for Weiss delivery trailers.
7. Identify locations on approach routes where horizontal alignment, lane width, and other factors would result in encroachment onto sidewalk areas, or opposing/adjacent travel lanes, or onto shoulder areas. Identify locations of shoulder drop-offs, and of potential shoulder deterioration caused by the volume of traffic from the facility. Describe proposed solutions.
- The only minor restriction is on 2<sup>nd</sup> Street. The roadway is two lanes, but there is on-street parking on the south-bound lane. The lane width has not been an issue with the current transfer station traffic. The haulers currently yield to local traffic, but the haulers do not encroach onto sidewalk areas or opposing travel lanes.
8. Identify locations on approach routes where shoulders or a roadside clear zone are not present and a combination of factors such as curvature, lane width, etc. would result in off-tracking or run-off-the-road concerns. Describe necessary improvements.
- There are no factors such as no shoulders/clear zones, curvature, or lane width that would cause off-tracking or run-off-the-road concerns.
9. Identify locations on approach routes where long steep grades, hazardous grade speed limits, truck pull off areas or truck escape ramps exist.
- There are no locations such as long steep grades, hazardous grade speed limits, truck pull off areas or truck escape ramps along the approach route.
10. Identify locations on approach routes where substantial lengths of grade, without climbing lanes or passing lanes, would impede truck speed. Describe countermeasures.
- There are no locations such as substantial lengths of grade, without climbing lanes or passing lanes, would impede truck speed along the approach route.

11. Identify locations on approach routes which may present under clearance problems. Describe countermeasures.
  - There are no under clearance problems along the approach route.
12. Identify locations on approach routes where sight distance or turning, acceleration or deceleration lane lengths are inadequate for the type, size and weight of vehicles that will be generated by the proposed facility. Describe mitigation measures.
  - There are no locations where sight distance or turning, acceleration or deceleration lane lengths are inadequate for the type, size and weight of vehicles with transfer station traffic.
13. Identify other safety-related considerations relative to waste facility traffic on approach routes. Assess impacts on school bus traffic. Describe countermeasures.
  - For the one mile while on local roads in the City of Sunbury, the transfer station traffic may experience school bus traffic. However, with the lower speed limit on the local roads, the haulers will be able to navigate through this section of the approach route with caution and yielding to all school bus traffic. The remaining length of the approach route is on major highways where school bus traffic is negligible.
14. Does the applicant have a Highway Occupancy Permit for this facility issued by PennDOT or by the local municipality? If yes, please attach the permit and any conditions. If no, please explain.
  - The driveway is located on a local road, so a HOP is not required to access the site. The City of Sunbury is aware of the current and proposed transfer station traffic.
15. Has a traffic impact study previously been completed for this project? If yes, attach the study.
  - No. A traffic impact study has not been completed.
16. Identify potential adverse environmental impacts to parks, playgrounds, recreation areas, forests, picnic areas, natural landmarks, wild areas, rivers, wetlands, public water supplies, historic sites, or other areas, that may result from traffic to and from the proposed facility. Take into account exhaust fumes, odors, noise, and other environmental factors. Describe measures to be taken to minimize or mitigate potential adverse impacts which you identify.
  - The only adverse impact along the approach route is traffic near Keithan's Bluebird Gardens when going from the Transfer Station to the Landfill. Garringer Alley borders the park, but the park has a privacy "tree fence" that shields the sight of truck traffic from the park. However, adjacent to the park is an existing Weiss distribution warehouse, so Garringer Alley experiences truck traffic daily. The only adverse impact when comparing the traffic is the odor of the waste traffic from the transfer station.
  - Measures to be taken to mitigate the potential adverse impact is to ensure the trailers are fully loaded before traveling from the transfer station. This will limit the traffic to a minimum. The existing traffic does not have an adverse impact, and the minor rise in traffic is not expected to have an adverse impact.

K. Zoning and Land Use

1. Does the county where this project is located or proposed have a comprehensive local land use plan?
  - Yes.
2. Does the municipality where this project is located or proposed have a comprehensive local land use plan?
  - Yes.
3. Does the county or municipality where your project is located have a zoning ordinance?
  - a. Provide a copy of the local zoning ordinance and land use plans adopted by the county or local government.
    - The City of Sunbury has a zoning ordinance, and it can be found through the following link: <https://ecode360.com/11630635>
    - Refer to Form D Appendix L Zoning Map for the City's Zoning Map.
  - b. Identify possible conflicts the new facility will have with local zoning ordinances and land use plans
    - There are no issues. The facility is existing.
  - c. Submit copy of the expanded notice sent to county and local government asking information if the permit application conflicts with their zoning ordinances and land use plans.
    - Notification to the City of Sunbury and Northumberland County are provided in Form A of the Permit Package.
  - d. Identify measures that have or will be taken to obtain municipal approval. NA
  - e. If municipal approval is already secured, provide copies of such land-use approvals.
    - At the time of the application, we have not received a comment letter in reply to our notification from the City. When/if a comment letter is prepared by the City, Uni-Tec will submit the letter during the permit review process.
4. Is the project located on preserved farmland that is restricted to agricultural use by (a) an agricultural conservation easement under the authority of the Act of June 30, 1981 (P.L. 128, No. 43), as amended, known as the Agricultural Area Security Law, 3 Pa. C.S.A. §901 et seq. or (b) deed restrictions that have been imposed under the authority of the Act of January 19, 1967 (P.L. 992, No. 442) as amended, known as the Open Space Law, 53 P.S. §5001 et seq. and that have been recorded in the appropriate county land records office (c) easements owned by any other "qualified conservation organization," as that term is defined at Section 170(h)(3) of the Internal Revenue Code? If yes, identify the location and acreage of preserved farmland and an explanation on how the facility can be located on this area and still be in compliance with the conservation easement. If the project is located adjacent to preserved farmland: identify the location and acreage of preserved farmland, the location of the project and the potential impact the project may have on the preserved farmland.

- No. The project is at the existing site where all proposed construction will be done on previous disturbed soils.
5. Is the project located on farmland in agricultural security areas that have been approved by local government units after public review and comment according to the procedure in the act of June 30, 1981 (P.L. 128, No. 43), as amended, known as the Agricultural Area Security Law, 3 Pa. C.S.A. §901 et seq.? If yes, identify the location and acreage of farmland in agricultural security areas and the location of the project. Secure and attach comments and recommendations from the township Agricultural Security Area advisory committee.
- No. The project is at the existing site where all proposed construction will be done on previous disturbed soils.
6. Is the project located on farmland that is enrolled for preferential tax assessments as land in “agricultural use” under the Act of December 19, 1974 (P.L. 973, No. 319), as amended, known as the Pennsylvania Farmland and Forest Land Assessment Act of 1974, 72 P.S. §5490.1 et seq. Or as “farmland” under the Act of January 13, 1966 (1965 P.L. 1292, No. 515), as amended, known as “An act enabling certain counties of the Commonwealth to covenant with land owners for preservation of land in farm, forest, water supply, or open space uses.” If yes, identify the location and acreage of farmland enrolled for preferential tax assessments and the location of the project.
- No. The project is at the existing site where all proposed construction will be done on previous disturbed soils.
7. Is the project located on farmland planned for agricultural use, subject to agricultural use and subject to agricultural zoning under the authority of the Act of July 31, 1968 (P.L. 805, No. 247), as amended, known as the Pennsylvania Municipalities Planning Code, 53 P.S. §10101 et seq.? If yes, identify the location and acreage of this farmland and the location of the project. Include comments and recommendations from the county planning commission and/or the local planning commission.
- No. The project is at the existing site where all proposed construction will be done on previous disturbed soils.
8. Is the project located on active farmland? If yes, does the active farmland include land capability classes designated as I, II, III, IV or unique? If yes, identify possible alternatives to avoid these classes of soils and measures taken to minimize impacts. Attach recommendations from the local Cooperative Extension Service or the county Natural Resources Conservation Service.
- No. The project is at the existing site where all proposed construction will be done on previous disturbed soils.
9. If the project is not located on active farmland, will the project affect land identified as prime farmland, farmland of state-wide importance, or farmland of local importance? If yes, attach comments and recommendations from the Natural Resources Conservation Service.
- No. The project is at the existing site where all proposed construction will be done on previous disturbed soils.

L. Planning

1. Will disposal of the waste at this facility be inconsistent with municipal, county, regional or state solid waste plans or laws in the area where the waste is generated?
  - No. Disposal of waste at the existing site is approved.
2. For municipal waste disposal and processing facilities, list the approved municipal, county, regional or state solid waste plans or laws that will be implemented by the proposed facility. Provide the name and telephone number of a contact person from the agency that approved the plan as well as relevant documentation for each plan. List the waste streams that are affected by the planning laws in place where the waste is generated.
  - The contact information for the Municipal Authority of the City of Sunbury's Solid Waste Transfer Station is listed below:  
Jason Neidig – General Manager; Phone: 570.286.5858  
Michael Kerstetter – Solid Waste Department Manager; Phone: 570.988.1930

M. Air Quality Impact

1. Describe briefly the impacts on ambient air quality. This includes the emissions of volatile organic compounds, toxic air compounds, fugitive particulate emissions and other air pollutants.
  - The air quality is negligible with the modification of the permit. The majority of limited pollutants will be from airborne dust.
2. Based upon site specific meteorological data describe the prevailing wind direction and speed and describe potential adverse air impacts to the surrounding community.
  - The adverse air impacts are negligible. Because the tonnage limit will be increased, there will be more turnover in waste at the station. There will be less stagnate waste at the station with the increased tonnage limit.
3. Describe the control measures to be taken to mitigate or minimize the potential adverse air impacts which you identify.
  - There is surrounding vegetation that will help buffer potential adverse air impacts. However, the Authority will monitor the air impact.
4. Does this facility have an existing air program? If yes, please attach.
  - No. The facility does not have an existing air program.
5. Has an air plan approval application been submitted for this project? If yes, identify when and where this application was submitted.
  - A air plan has not been submitted for this project.

N. Benefits and Harms: Environmental, Social and Economic

- Not Applicable.

## **Form D – Appendix Attachments**

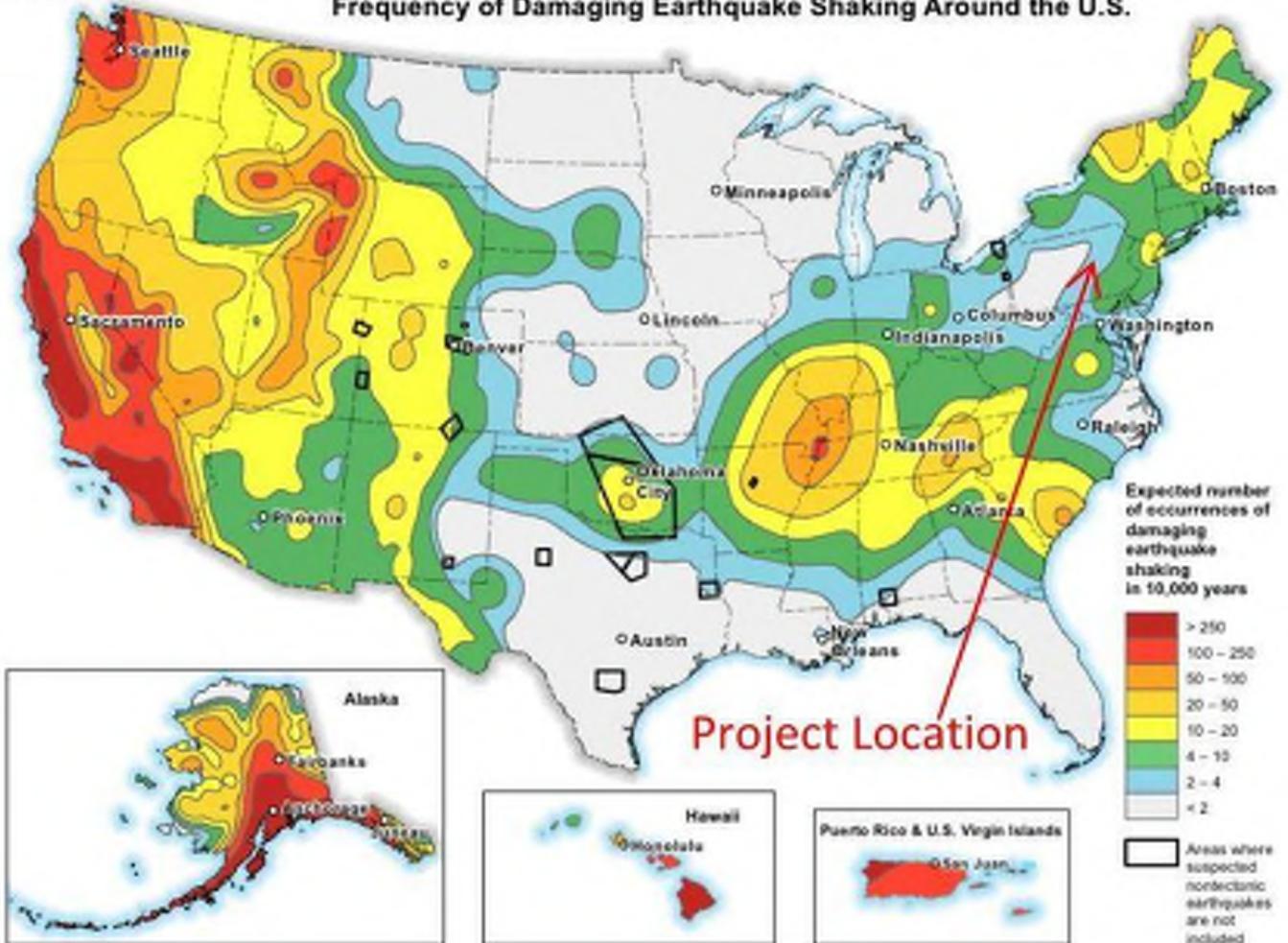
---

## **Form D – Appendix A**

# **USGS Frequency of Damaging Earthquake Shaking**



### Frequency of Damaging Earthquake Shaking Around the U.S.



This map shows how often scientists expect damaging earthquake shaking around the U.S. (Public domain.)

On this map, a "damaging earthquake shaking" is that of Modified Mercalli Intensity (MMI) level VI or higher. See [Modified Mercalli Intensity](#) for more information about different MMI levels of earthquake ground shaking and what kind of damage can happen at each level.)



**UNI-TEC**  
 Consulting Engineers Inc.  
 2007 Cato Avenue  
 State College, PA 16801  
 (814) 238-8223 www.uni-tec.com

APPENDIX A

USGS FREQUENCY OF  
 DAMAGING EARTHQUAKE  
 SHAKING

SCALE  
NOT TO SCALE

PROJECT NO.  
0372-008-009

SHEET NO.  
1 OF 1

## **Form D – Appendix B**

# **2013 Geotechnical Report**

---

**GEOTECHNICAL REPORT**

**Recycling Processing Building  
Sunbury Borough, Northumberland County, Pennsylvania**

**CMT Laboratories File No. 1232400**

**Prepared for:**

**The Sunbury Municipal Authority  
462 South 4<sup>th</sup> Street  
Sunbury, PA 17801**

**Prepared by:**

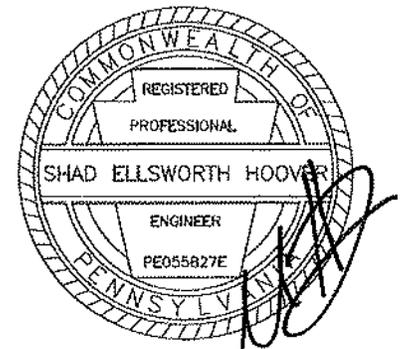


*The groundwork for success.*

**CMT Laboratories, Inc.  
2701 Carolean Industrial Drive  
State College, PA 16801**

**February 1, 2013**

**Brian Tittmann, E.I.T.  
Project Engineer**



**Shad Hoover, P.E.  
Principal**



*The groundwork for success.*

## **GEOTECHNICAL REPORT**

**Sunbury Recycling Processing Building  
Sunbury Borough, Northumberland County, Pennsylvania**

**CMT Laboratories File No. 1232400**

**Prepared for:**

**The Sunbury Municipal Authority  
462 South 4<sup>th</sup> Street  
Sunbury, PA 17801**

**Prepared by:**

**CMT Laboratories, Inc.  
2701 Carolean Industrial Drive  
State College, PA 16801**

**February 1, 2013**

# INDEX

	<u>Page</u>
LIST OF TABLES .....	iii
1.0 INTRODUCTION .....	1
2.0 PROJECT AND SITE INFORMATION.....	1
3.0 GENERAL.....	2
4.0 GEOLOGIC INFORMATION.....	2
5.0 FIELD INVESTIGATION .....	3
5.1 Groundwater Conditions.....	4
6.0 LABORATORY TESTING PROGRAM.....	4
7.0 SUBSURFACE CONDITIONS .....	5
8.0 RECOMMENDATIONS.....	6
8.1 Site Preparation Considerations.....	7
8.2 Structural Fill Placement.....	7
8.3 Groundwater Control .....	8
8.4 Drainage.....	9
8.5 Foundation Recommendations.....	9
8.6 Grade Slabs .....	11
8.7 Parking/Drive Area Considerations .....	11
8.8 Seismic Considerations.....	11
8.9 Lateral Earth Pressure Considerations .....	11
8.10 Cut/Fill Slope Recommendations .....	11
9.0 EXCAVATIONS .....	12
10.0 COMMENTS.....	12
APPENDIX:	
A. Project Location Map	
B. USGS Geology Map	
C. Test Boring Location Plan	
D. General Geotechnical Notes	
E. Test Boring Logs	
F. Laboratory Testing Data	
G. Overexcavation and Replacement Detail	
H. Bibliography	

## LIST OF TABLES

	<b><u>Page</u></b>
Table 6.1      Moisture Plasticity Characteristics and Particle-Size Test Results.....	5
Table 7.1      Fill Depth Data.....	6

## 1.0 INTRODUCTION

This report presents the results of a subsurface exploration and foundation analysis for the Sunbury Recycling Processing Building project located in Sunbury Borough, Northumberland County, Pennsylvania. Our services for this project were performed in accordance with CMT Proposal No. 1232400, dated August 9, 2012.

Authorization to perform the requested serviced was given in the form of a Proposal Acceptance and Work Authorization Agreement signed by Mr. Dan Ramer on October 22, 2012.

The purpose of the test boring program was to determine the pertinent subsurface conditions and to obtain information on which to base recommendations regarding foundation design and general site preparation. The scope of services for this report does not include an environmental assessment for the presence or absence of wetlands, hazardous, radioactive or toxic materials in the soil, surface water, groundwater, or air on, below or around the site. Any statements in this report or on the Test Boring Logs regarding odors, colors or unusual or suspicious items are strictly for the information of the client.

## 2.0 PROJECT AND SITE INFORMATION

The proposed project is located in Sunbury Borough, Northumberland County, Pennsylvania. Specifically, the proposed building is located to the southwest of the intersection of South 4<sup>th</sup> Street and Fawn Lane. The location of the proposed building is shown on the Project Location Map presented in Appendix A.

The surface of the proposed building area consists primarily of dark brown sandy silt and gravel fill. Surface drainage appears to be moderate at the time of our site visit, with standing water and mud throughout the site with only minimal runoff down slope to the southeast end of the site.

Topographic information was provided within the proposed building area by others. Based on the site plan contours, the ground surface elevations, within the proposed building areas, range from approximately 439' to 441'.

General building information for this project was provided by Chilton Designs, LLC. The proposed building will be a pre-engineered, slab-on-grade, metal building with no basement and measuring approximately 25' by 50' in plan dimensions, according to the plans provided by UNI-TEC Consulting Engineers, Inc. We have assumed a maximum wall, column and floor load of **4.0 kips** per lineal foot, **30 kips**, and **150 psf**, respectively. Parking/drive areas will be constructed on the remainder of the property around the proposed building.

We have assumed maximum tolerable total and differential settlements of 1.0" and 0.5", respectively.

The above information was utilized in our geotechnical analysis. Therefore, if any of this information has changed, is incorrect or becomes available, please inform CMT so that we may amend the recommendations presented in this report, if appropriate.

### **3.0 GENERAL**

The following recommendations are based on general subsurface information shown on the Test Boring Logs provided in Appendix E. The descriptions shown on these logs represent the conditions only at the actual boring locations and variations may occur and should be expected between the boring locations. Conditions encountered during excavation procedures may not reflect the conditions presented on the boring logs. Therefore, a representative of CMT should be present during excavation operations so that any variations may be presented to the geotechnical engineer. The geotechnical engineer may decide that the variations warrant a change to the recommendations presented in this report.

### **4.0 GEOLOGIC INFORMATION**

According to the Department of Environmental Resources, Office of Resources Management, Bureau of Topographic and Geologic Survey (1982), bedrock formations at the proposed area are classified as the Hamilton Group (Dh).

The uppermost layer of this group consists of fossiliferous siltstone and shale interbedded with fine-grained, medium-dark-gray sandstone. Near the middle, light to medium-gray, medium to coarse-grained sandstone and several thin conglomerate beds occur. The base of the unit is characterized by medium to dark-gray, fine-grained sandstone and dark-gray to black, fissile shale. The rock is moderately to poorly resistant to weathering and excavation is moderately easy to difficult.

The Marcellus and the Mahantango Formations make up the Hamilton Group. The Marcellus Formation consists of black carbonaceous shale and limestone. The formation contains abundant pyrite (iron disulfide) and siderite (ferrous carbonate) concretions and nodules. The pyritic shale is classified as potentially expansive.

## **5.0 FIELD INVESTIGATION**

Prior to commencement of field operations, the project was registered with the Pennsylvania One-Call System, Inc., and this phase of the project was assigned Serial No. 20130101415. We recommend that the contractors verify the locations of utilities prior to commencement of construction activities.

A total of four (4) test borings were drilled for this project at each one of the building corners. Each of the borings was extended to a depth between 20 feet and 25 feet below the existing surface grades. The test borings were located in the field by a representative of CMT by referencing the site plans and building corner stakes provided by Chilton Designs, LLC. A Professional Land Surveyor was not utilized to locate or survey borings. The elevations shown on the borings were estimated from the site plan contours. The approximate locations of the test borings are shown on the Test Boring Location Plan provided in Appendix C.

The soil sampling was performed in accordance with ASTM D1586. All sampling intervals and Standard Penetration Test values were recorded and are shown on the Test Boring Logs. The results of the Standard Penetration Tests indicate the relative density and comparative consistency of the soils and thereby provide a basis for estimating the relative strength and compressibility of the soil profile components.

The stratifications shown on the Test Boring Logs represent the conditions only at the actual boring locations. Variations should be expected between the boring locations. In addition, the Test Boring Logs show the approximate boundaries between subsurface materials. Actual transitions between subsurface materials may be gradual or abrupt.

## **5.1 Groundwater Conditions**

Groundwater was not encountered in the test borings at the time of drilling activities. Note that groundwater levels fluctuate seasonally as a function of rainfall, proximity to adjacent water bodies and the permeability of the soil. Perched or entrapped water immediately above the bedrock horizon is possible. The geotechnical engineer should be notified immediately if groundwater is encountered at the time of construction.

## **6.0 LABORATORY TESTING PROGRAM**

The samples obtained during the drilling operation were sealed in labeled containers and transported to our laboratory for inspection, testing and classification. Remaining samples will be retained for a minimum of one (1) year for future reference.

In addition to the visual classification of the soil samples, moisture content determination tests were performed on representative split-spoon samples. The moisture content is the ratio of the weight of the water in the sample to the dry weight of the sample. This test was performed in general compliance with ASTM D2216.

Several test procedures were performed on composite soil samples taken from the site. A general description of each test is provided in the following paragraphs.

Moisture-plasticity characteristics of two (2) composite soil samples (CMT ID Nos. 12281 and 12282) were determined by means of the Atterberg Limit test. The test determines the moisture content at which the soil begins to act as a viscous liquid (Liquid Limit – LL) and the moisture content at which the soil changes from a plastic state to a semi-solid state (Plastic Limit – PL). The difference between the Liquid Limit and the Plastic Limit is the Plasticity Index (PI). The test procedures were performed in compliance with ASTM D4318.

Particle-size analyses were performed on the same composite soil samples in compliance with ASTM D422. The analysis includes a sieve analysis for particle sizes greater than the #200 sieve and a hydrometer analysis for particle sizes finer than the #200 sieve. Using this information, the samples were classified using the Unified Soil Classification System (USCS), ASTM D2487.

A summary of the moisture-plasticity characteristics and particles-size test results is shown in Table 6.1.

**Table 6.1 Moisture-Plasticity Characteristics and Particle-Size Test Results**

<b>CMT Sample Number</b>	<b>Test Boring</b>	<b>Depth (ft)</b>	<b>Liquid Limit (LL)</b>	<b>Plasticity Index (PI)</b>	<b>USCS</b>
12281	TB-2	10-15	--	NP	GM
12282	TB-3	1-5	--	NP	GM

Detailed laboratory testing data is provided in Appendix F.

## 7.0 SUBSURFACE CONDITIONS

The test borings drilled for this project are described in general in this section. More detailed descriptions are shown on the Test Boring Logs provided in Appendix E.

The surface of the site at all test boring locations has a layer of fill ranging from 1.5 feet to 10 feet below surface grade. The depth of fill is indicated in Table 7.1. The fill material mentioned above tends to be thicker at the southeast end of the site. The fill material consists of larger amounts of sand and gravel as well as black coal ash with lesser amounts of silt and clay. The fill materials have moisture contents ranging between 5 and 30 percent. The engineering characteristics of the fill materials, such as strength and compressibility, are likely to be variable.

Beneath the fill material at all test boring locations there is a damp layer of brown sand and silt extending to approximately 15 feet deep. This natural soil consists primarily of sand and silt sized particles with lesser amounts of gravel and clay. This

natural fluvial soil has moisture contents ranging between 4 and 12 percent and exhibit a very loose to loose consistency based on the Standard Penetration Tests.

Beneath this damp layer is a moist to wet layer of brown sand and silt. This natural soil consists primarily of sand and silt sized particles with lesser amounts of clay and gravel. These natural fluvial soils have moisture contents ranging between 21 and 40 percent and exhibit a very loose consistency based on the Standard Penetration Tests.

Beneath this very loose sand and silt material is a layer of brown sand, silt and gravel. This natural soil consists primarily of sand, gravel and silt sized particles with lesser amounts of clay. These natural fluvial soils have moisture contents ranging between 10 and 26 percent and exhibit a slightly compact to medium dense consistency based on the Standard Penetration Tests.

**Table 7.1 Fill Depth Data**

<b>Boring Number</b>	<b>Fill/Natural Soil Boundary</b>	
	<b>Depth (ft)</b>	<b>Elevation (ft)</b>
TB-1	1.5	438.5
TB-2	10.0	430.0
TB-3	5.0	435.0
TB-4	10.0	430.0

## **8.0 RECOMMENDATIONS**

The conclusions and recommendations presented in this report are based on the data obtained from the field exploration and laboratory testing programs, information regarding the proposed construction and our knowledge of geomechanics. The subject site is considered suitable for the proposed construction, provided the geotechnical recommendations and suggested guidelines presented in this report are utilized in both the design and construction phases of this project.

Specific and detailed recommendations for the proposed construction are provided in the following sections.

## 8.1 Site Preparation Considerations

Site preparation will include the removal of topsoil, organics, and any soft/wet/frozen soils. Removal and/or relocation of subsurface utilities will be required. Any excavations associated with removal or relocations of utility lines or below grade structures below the proposed subgrade elevation should be evaluated by the geotechnical engineer or designated representative and backfilled according to the Section 8.2.

After achieving finished subgrade in the disturbed areas, and prior to placing structural fill in areas below finished subgrade, we recommend that the exposed subgrade be evaluated to confirm that all unsuitable or unstable materials have been removed. Where practical, those areas that are at finished subgrade or those areas that are to receive structural fill should be proofrolled with an appropriately loaded, tandem-axle dump truck or similar pneumatic-tire equipment. Proofrolling will help to reveal the presence of unstable materials that were not identified during our test boring program. We recommend that a representative of CMT observe all proofrolling activities. Loose, frozen or unstable soils should be removed prior to construction activities.

Due to the variability of the fill materials, overexcavation and replacement may become impractical and warrant the use of geogrid stabilization. This decision should be made by the geotechnical engineer at the time of construction.

In areas where proofrolling is not practical, such as in below-grade excavations, we recommend that the project's geotechnical engineer or designated representative visually inspect and manually probe the subgrade materials.

## 8.2 Structural Fill Placement

Structural fill is defined as all fill placed under and around foundations, utilities, floor slabs, sidewalks, roadways and parking lots. Suitability of backfill material should be evaluated during construction, based upon its intended use.

On-site fill materials, natural soils may be considered for use as structural fill only after additional evaluation in the field and laboratory by the geotechnical engineer.

Any borrow material utilized as fill should not contain rock greater than 3 inches in diameter, and should not contain more than 1 percent (by weight) of organic matter or other deleterious material. Unified Soils Classifications of GW, GM, GC, SW, SM, SC, CL (Liquid Limit < 40) and combinations thereof are considered suitable for use as structural fill. Lateral confinement of poorly-graded sand and gravel will be required in order to limit horizontal movement and subsequent settlement or instability of the structural fill. Uniformly graded materials, such as PennDOT 2B or AASHTO #57 stone, can only be utilized as structural fill with the permission of the geotechnical engineer. Potentially expansive materials such as mine tailings, pyritic shale and slag should not be used as structural fill. Any fill or aggregate containing more than 0.1% total sulfur by weight as determined by ASTM D4239 should be evaluated by Wet-Dry Durability testing in accordance with PennDOT Test Method No. 519 in order to determine the potential for expansion by sulfide to sulfate conversion. The interpretation of the expansive shale test results should be conducted by a qualified geotechnical engineer or engineering geologist. Other materials should be considered on a case-by-case basis; alternate materials should be approved by the project's geotechnical engineer.

All structural fill should be placed in horizontal lifts not exceeding 8 inches in loose thickness and within 2 percent of optimum moisture for compaction. The fill should be compacted to 100 percent of maximum dry density as determined by the Standard Proctor method (ASTM D698). Fill materials placed in non-structural areas should be compacted to a minimum of 95 percent of the maximum dry density.

We recommend that the placement and compaction of fill be monitored by a soils technician, working under the direction of the project's geotechnical engineer, to confirm that the specified degree of compaction is being obtained. The frequency of testing should be related to the work conditions during earthmoving and the type and location of the fill or backfill.

### **8.3 Groundwater Control**

Although a groundwater table was not encountered within the proposed cut excavation depths, groundwater may be encountered during periods of increased

precipitation. Any groundwater should be maintained a minimum of 2 feet below the bottom of all excavations. Conventional dewatering procedures, such as open pumping and gravity drainage, should be sufficient for temporary removal.

#### **8.4 Drainage**

Proper site drainage should be maintained during earthwork operations to minimize wet weather delays and reduce accumulation of additional moisture. If the surficial soils become softened during wet weather or frozen, these soils may need to be scarified and recompact or removed before additional fill is placed. Also, the ground surface in the vicinity of the site should be graded so that surface water flows away from the construction areas.

We also recommend that in the design and construction phases certain precautions be taken relative to drainage. Final design plans should include precautions to reduce water infiltration into the subsoils in order to decrease excessive erosion. These would include providing watertight storm drains and manholes, roof drains that tie directly into storm drainage systems, and utility lines that do not coincide with footings.

#### **8.5 Foundation Recommendations**

Based on the subsurface conditions encountered during our field exploration program and our understanding of the proposed project, conventional shallow foundations consisting of continuous wall and spread column footings will be most economical for this project. Due to the high potential for the fill materials to have variable engineering properties, we recommend a comprehensive program of overexcavation and replacement. Specifically, all bearing materials should be overexcavated to a minimum depth of 12 inches below the bearing elevation as illustrated in Appendix G. The exposed soils should then be compacted and then the overexcavation backfilled with PennDOT 2A stone compacted according to Section 8.2. Overexcavation beyond 12 inches may be required should the required compaction of the

PennDOT 2A not be able to be achieved. This decision should be made by the on-site geotechnical engineering representative.

Provided that the overexcavation and replacement recommendations are followed, the footings can be sized for a maximum net allowable bearing capacity of **2,000 pounds per square foot (psf)**. The bearing pressure should consist of dead load plus sustained live loads. A 1/3 increase in bearing capacity can be utilized for transient loading scenarios. We recommend minimum wall and column footing widths of 2 and 3 feet respectively. The foundation excavation and construction should be observed by a representative of CMT to verify that bearing requirements are satisfied.

To reduce susceptibility to settlement, all bearing materials should be closely monitored and tested during construction by the geotechnical engineering representative. Techniques would include rod probing, visual observation, or additional exploration. If, during foundation excavation, soils are encountered that are not indicative of those described in this report, the geotechnical engineer should be consulted for guidance on how to proceed with the excavation.

Any unsuitable bearing material, such as soft/loose/wet/frozen soils should be overexcavated to a depth corresponding to a more stable stratum capable of achieving the design maximum net allowable bearing capacity. All overexcavations should be backfilled with lean concrete. All overexcavation and replacement activities should be conducted in the presence of the geotechnical engineer or designated representative.

For protection against frost damage, all exterior foundations should be placed at least 42 inches below final exterior grade. Concrete should be placed in the foundation as soon as practical to minimize the possibility of water and/or debris entering and collecting within the open excavations. The foundations should be suitably reinforced as per structural considerations.

Provided that the foundations are designed for the specified maximum net allowable bearing capacity and that the recommendations in this report are followed, post construction total and differential settlement values should be below the assumed maximum tolerable values.

## **8.6 Grade Slabs**

The subgrade will consist of materials placed and/or evaluated according to the specifications outlined in Sections 8.1 and 8.2 of this report. The natural soils and compacted structural fill subgrade materials are expected to provide a subgrade modulus of reaction (k) of 12 pounds per square inch per inch (psi/inch).

To reduce stress concentrations on the grade slabs and to provide a uniform bearing surface that may be associated with dissimilar fill materials, we recommend a minimum of 6 inches of compacted PennDOT 2A stone be placed between all grade slabs and the underlying subgrade.

Pavement design techniques should be implemented in areas where vehicle loading, such as forklift traffic, is anticipated.

## **8.7 Parking/Drive Area Considerations**

The subgrade will consist of natural soils and fill materials placed and evaluated according to the specifications outlined in Sections 8.1, and 8.2 of this report. A preliminary California Bearing Ratio (CBR) of 3.0 can be used; however, additional testing may be required after review of the grading plan.

## **8.8 Seismic Considerations**

According to the 2009 International Building Code, Sections 1613 and 1615, Seismic Site Class D should be specified for this project.

## **8.9 Cut/Fill Slope Recommendations**

A final grading plan was not available for review at the time of this report; therefore, permanent cut or fill slopes greater than 10 feet in height should be subjected to a slope stability analysis prior to final design submission.

Temporary (less than 24 hours) cut slopes, consisting of the on-site fill and greater than 4 feet in height, can be sloped at 1/2V:1H. The temporary slopes should be protected against precipitation, surcharge and vibratory forces. All temporary slopes should be inspected by the geotechnical engineer at the time of construction. Also, the safety ordinances referred to in Section 9.0 should be followed.

Permanent (greater than 24 hours) cut and fill slopes, consisting of the on-site fill and greater than 4 feet in height, can be sloped at 1/3V:1H. The permanent slopes should be protected from erosion by immediately planting vegetation and/or installing appropriate geotextile erosion control fabric.

## 9.0 EXCAVATIONS

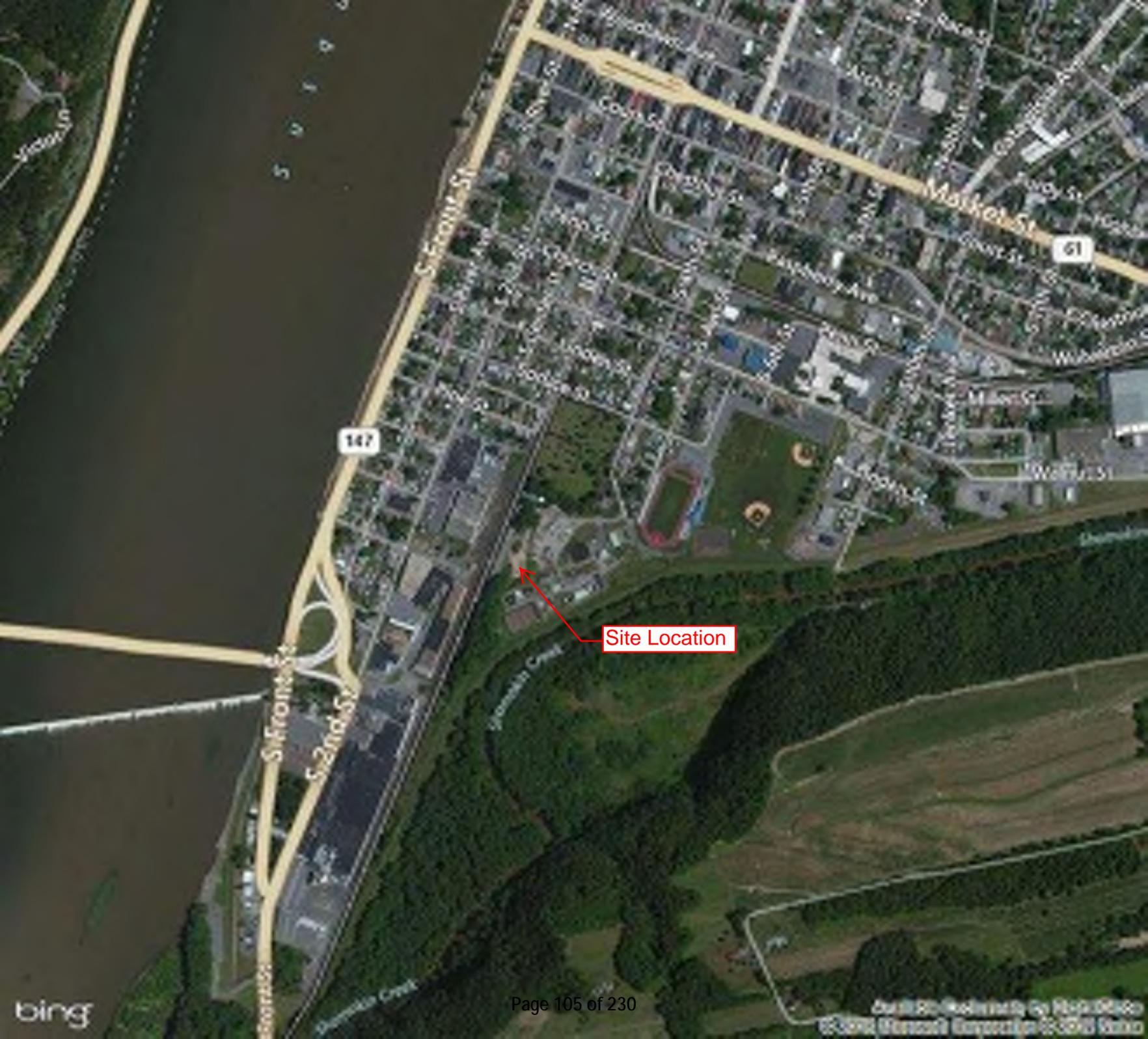
The contractor is responsible for designing and constructing stable, temporary excavations and should shore, slope or bench the sides of the excavations as required to maintain stability of both the excavation sides and bottom. The contractor is responsible for following the guidelines presented in the current version of the United States Department of Labor, Occupational Safety and Health Administration (OSHA), Part 1926, Subpart P, titled "Excavations." This information is presented solely for the information of the client, and in no way is CMT Laboratories, Inc. responsible for the construction site safety or the Contractor's activities.

## 10.0 COMMENTS

This report has been prepared to assist in the design of foundations and to aid in the general site preparation for the proposed Sunbury Recycling Processing Building for the Sunbury Municipal Authority located in Sunbury Borough, Northumberland County, Pennsylvania. The recommendations presented in this report are based on the subsurface information obtained by CMT and the general project information provided by others. The importance of inspection, consultation and testing during construction cannot be overemphasized.

We request that this office be consulted if, during design or construction, conditions are encountered which differ from those contained herein, thereby warranting a review of our recommendations. This report has been prepared for the exclusive use of the Sunbury Municipal Authority.

**APPENDIX A**  
**PROJECT LOCATION MAP**



147

61

Site Location

**APPENDIX B**  
**USGS GEOLOGY MAP**



Irish Valley Member of Catskill Formation

# Snyder County

Shamokin Dam Borough

Trimmers Rock Formation

Monroe Township

Sunbury

Upper Augusta Township

# Northumberland County

Rockefeller Township

Site Location

Hamilton Group

0 1000m

**APPENDIX C**  
**TEST BORING LOCATION PLAN**



**APPENDIX D**  
**GENERAL GEOTECHNICAL NOTES**



The groundwork for success.

## General Geotechnical Notes

### SOIL DESCRIPTION

The Unified Soil Classification System is used to identify the soil unless otherwise noted.

### SAMPLE TYPES

- SS Split Spoon - 1 3/8" I.D., 2" O.D., unless otherwise noted.
- ST Shelby Tube - 3" O.D., unless otherwise noted.
- NQ Rock Core Sampled with Q Wireline Diamond Bit - 2" I.D.

### SOIL PROPERTY SYMBOLS

- N Standard Penetration Resistance - Blows per foot of a 140 pound hammer falling 30 inches on a 2" O.D. split-spoon sampler.
- WOH Weight of Hammer and Rods
- WOR Weight of Rods
- q<sub>p</sub> Pocket Penetrometer measurement of unconfined compressive strength - tsf
- M<sub>c</sub> Soil Moisture Content - %.
- GR Graphical Representation of the soil strata (see below).
- LL Liquid Limit - %.
- PI Plasticity Index - %.
- Rec Percent Core Recovery - Ratio of the length of rock core obtained, to the core interval.
- RQD Rock Quality Designation - Ratio of the sum of core segments greater than 4", to the core interval.
- Apparent groundwater level.

### CONSISTENCY AND RELATIVE DENSITY CLASSIFICATION

### RELATIVE PROPORTIONS

Cohesive Soils	SPT "N" Value	Granular Soils	SPT "N" Value	Descriptive Term	Percent
Very Soft	0 - 3	Very Loose	0 - 4	Trace	1 - 10
Soft	4 - 5	Loose	5 - 10	Little	11 - 20
Firm (Medium)	6 - 9	Slightly Compact	11 - 20	Some	21 - 35
Stiff	10 - 15	Medium Dense	21 - 30	And	36 - 50
Very Stiff	16 - 30	Dense	31 - 50		
Hard	31+	Very Dense	50+		

### SOIL/ROCK STRATA LEGEND

	Clays		Dolomite/Limestone
	Silts		Shale
	Sands & Gravels		Sandstone
	Organic Materials		Siltstone
	Fill Materials		Cobbles/Boulders

### ROCK QUALITY DESCRIPTION

RQD	Rock Quality
0 - 25%	Very Poor
25 - 50%	Poor
50 - 75%	Fair
75 - 90%	Good
90 - 100%	Excellent

### PARTICLE SIZE

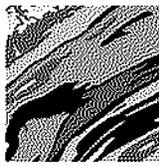
Boulders	12 in +	Coarse Sand	5 mm - 0.6 mm	Silt	0.074 mm - 0.002 mm
Cobbles	12 in - 3 in	Medium Sand	0.6 mm - 0.2 mm	Clay	0.002 mm -
Gravel	3 in - 5 mm	Fine Sand	0.2 mm - 0.074 mm		

CMT Laboratories, Inc.

2701 Carolean Industrial Drive, State College, PA 16801 Phone: 814-231-8845 / Fax: 814-231-8846

**APPENDIX E**  
**TEST BORING LOGS**





**GEOTECHNICAL ENGINEERING**  
**CONSTRUCTION MATERIALS TESTING**  
**SOIL SCIENCE**  
**SPECIALTY FOUNDATION DESIGN**

The groundwork for success.

# Test Boring Log

Boring: TB-2

**Project Name:** Sunbury Recycling Processing Building **Date of Work:** 1/21/2013  
**Site:** Sunbury, Northumberland County, Pennsylvania **File No.:** 1232400  
**Driller/helper:** M. Rager/T. Frymyer **Drill Rig:** B-45 **Core Bit:** N/A  
**Auger Type:** 4-1/4" HSA **Sampling Type:** ASTM D-1586 **Elevation:** 440'

Description	Depth (ft)	Sample Type	Blow Counts	"N" Value	q <sub>p</sub> (tsf)	M <sub>c</sub> (%)	GR	Remarks
FILL: Brown sand and gravel, little silt, trace organics; damp	5	SS-1	2-4-5	9	--	30.0		
		SS-2	3-3-3	6	--	8.8		
FILL: Black sandy silt, trace gravel and black coal ash; damp	10	SS-3	1-1-2	3	--	22.8		
		SS-4	1-1-3	4	--	28.0		
Brown SAND, some gravel, little silt; damp, loose	15	SS-5	2-3-3	6	--	8.5		
Brown SILT, little sand, trace gravel; damp, loose		SS-6	4-4-1	5	--	31.1		
Brown sandy SILT, trace clay; moist, very loose	20	SS-7	1-1-1	2	--	22.4		
Brown silty SAND, trace clay; wet, very loose		SS-8	2-1-1	2	--	25.0		
		SS-9	1-1-WOH-2	1	--	23.1		
Brown SAND, little gravel, little silt; moist to wet, slightly compact to medium dense	25	SS-10	WOH-WOH-2	2	--	21.8		
		SS-11	3-5-8	13	--	25.8		
		SS-12	4-12-13-9	25	--	12.9		
End of Boring - 25.0'	30							No Groundwater Table Encountered
	35							
	40							



**GEOTECHNICAL ENGINEERING**  
**CONSTRUCTION MATERIALS TESTING**  
**SOIL SCIENCE**  
**SPECIALTY FOUNDATION DESIGN**

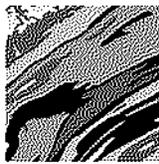
*The groundwork for success.*

# Test Boring Log

Boring: TB-3

**Project Name:** Sunbury Recycling Processing Building **Date of Work:** 1/21/2013  
**Site:** Sunbury, Northumberland County, Pennsylvania **File No.:** 1232400  
**Driller/helper:** M. Rager/T. Frymyer **Drill Rig:** B-45 **Core Bit:** N/A  
**Auger Type:** 4-1/4" HSA **Sampling Type:** ASTM D-1586 **Elevation:** 440'

Description	Depth (ft)	Sample Type	Blow Counts	"N" Value	q <sub>p</sub> (tsf)	M <sub>c</sub> (%)	GR	Remarks
FILL: Black/Brown sand and gravel, little silt; damp	5	SS-1	10-20-19	39	--	8.3		
		SS-2	17-12-9	21	--	8.5		
Brown SAND, little silt, trace gravel; damp, very loose to loose	10	SS-3	2-2-2	4	--	7.5		
		SS-4	3-3-3	6	--	4.2		
		SS-5	4-3-3	6	--	8.0		
		SS-6	2-3-3	6	--	no recovery		
Brown sandy SILT, trace clay; wet, very loose	15	SS-7	WOH-1-1	2	--	25.6		
Brown silty SAND, litte to trace gravel, trace clay; wet, slightly compact to medium dense	20	SS-8	1-9-19	28	--	15.6		
		SS-9	8-8-10-13	18	--	12.3		
End of Boring - 20.0'	25							No Groundwater Table Encountered
	30							
	35							
	40							



**GEOTECHNICAL ENGINEERING**  
**CONSTRUCTION MATERIALS TESTING**  
**SOIL SCIENCE**  
**SPECIALTY FOUNDATION DESIGN**

*The groundwork for success.*

# Test Boring Log

Boring:     TB-4    

**Project Name:** Sunbury Recycling Processing Building      **Date of Work:** 1/21/2013  
**Site:** Sunbury, Northumberland County, Pennsylvania      **File No.:** 1232400  
**Driller/helper:** M. Rager/T. Frymyer      **Drill Rig:** B-45      **Core Bit:** N/A  
**Auger Type:** 4-1/4" HSA      **Sampling Type:** ASTM D-1586      **Elevation:** 440'

Description	Depth (ft)	Sample Type	Blow Counts	"N" Value	q <sub>p</sub> (tsf)	M <sub>c</sub> (%)	GR	Remarks
FILL: Black/Brown sand and gravel, little silt, trace asphalt and concrete; damp	5	SS-1	8-10-13	23	--	14.4		
		SS-2	10-9-8	17	--	5.9		
		SS-3	4-3-2	5	--	11.4		
FILL: Black sandy silt, trace gravel and black coal ash; damp	10	SS-4	3-2-3	5	--	8.1		
		SS-5	5-4-3	7	--	4.0		
Brown SAND, little silt, little gravel; damp, loose	15	SS-6	2-2-3	5	--	23.5		
Brown silty SAND, trace clay; moist, very loose		SS-7	WOH-2-1	3	--	22.0		
		SS-8	1-1-2	3	--	23.8		
Brown SAND, little silt; moist, very loose	20	SS-9	1-1-3-5	4	--	25.4		
		SS-10	1-WOH-WOH	WOH	--	23.3		
Gray/Brown SAND, little silt, little to trace gravel; wet, loose to medium dense	25	SS-11	2-3-6	9	--	39.8		
		SS-12	6-9-13-23	22	--	12.0		
End of Boring - 25.0'	30							No Groundwater Table Encountered
	35							
	40							

**APPENDIX F**  
**LABORATORY TESTING DATA**

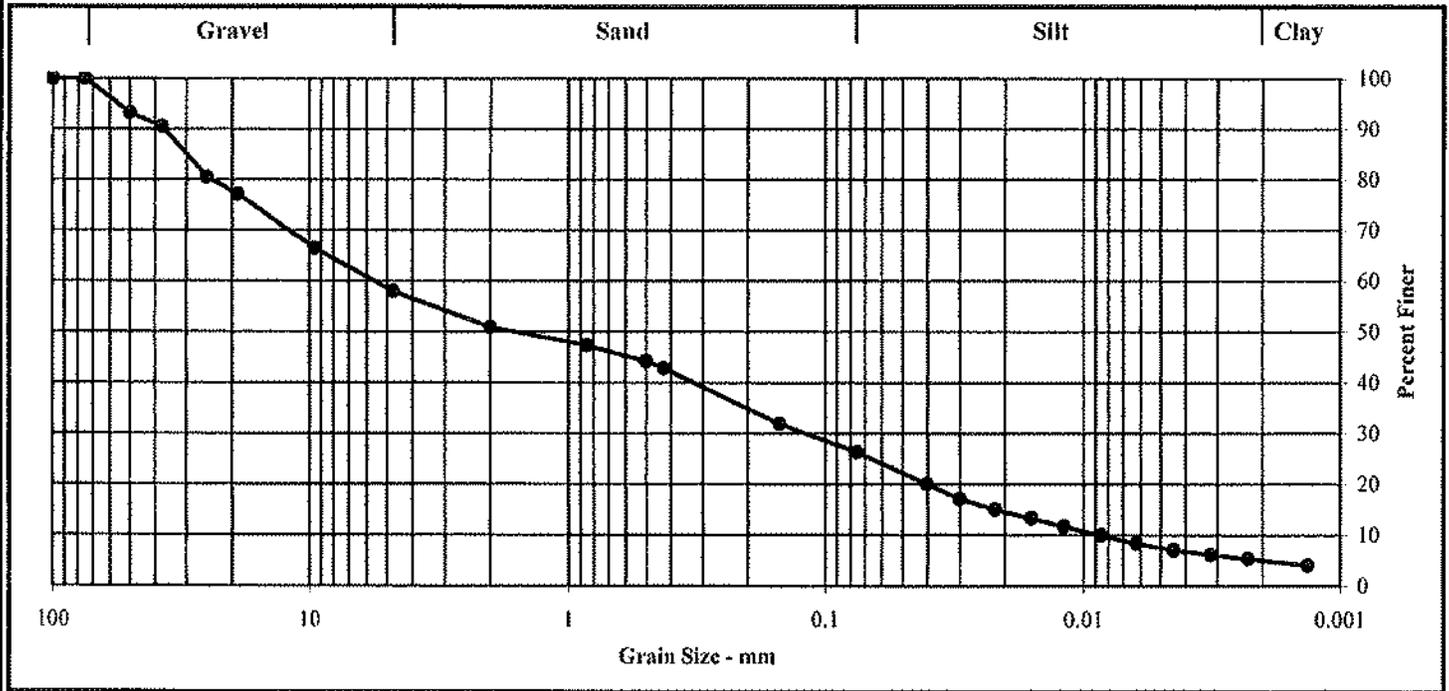


**cmt**  
**LABS**

**GEOTECHNICAL ENGINEERING**  
**CONSTRUCTION MATERIALS TESTING**  
**SOIL SCIENCE**  
**SPECIALTY FOUNDATION DESIGN**

*The groundwork for success.*

### Hydrometer Analysis Test Report - ASTM D422



% +3"	% Gravel	% Sand	% Silt	% Clay	USCS	LL	PI
0.0	42.0	31.7	21.4	5.0	GM	-	NP

Sieve Size (inches)	Sieve Size (mm)	Percent Finer
4	100.0	100.0
3	75.0	100.0
2	50.0	93.2
1 1/2	37.5	90.6
1	25.0	80.5
3/4	19.0	77.2
3/8	9.50	66.5

Sieve Number	Sieve Size (mm)	Percent Finer
#4	4.75	58.0
#10	2.00	50.9
#20	0.850	47.4
#35	0.500	44.2
#40	0.425	42.9
#100	0.150	31.9
#200	0.075	26.4

Grain Size		Coefficients	
D <sub>60</sub>	5.868	C <sub>c</sub>	0.31
D <sub>30</sub>	0.124	C <sub>u</sub>	682.28
D <sub>10</sub>	0.009		

Project: Sunbury Recycling Processing Building

File Number: 1232400

Sample Location: TB-2 (10.0'-15.0')

Date: 28-Jan-13

Material Description: Dark Brown Silty Gravel with Sand

CMT I.D. No.: 12281

Client: Sunbury Municipal Authority

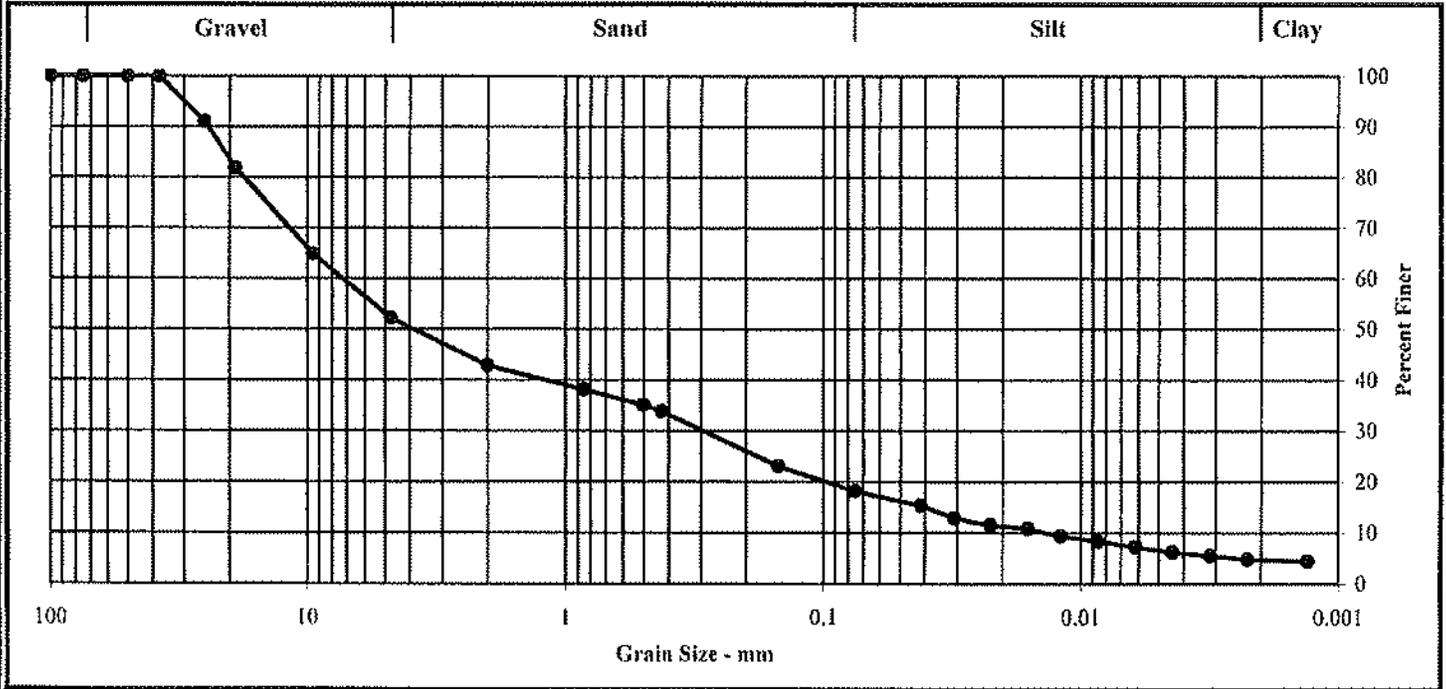
*James P. Thompson*  
CMT Laboratories, Inc.



**GEOTECHNICAL ENGINEERING**  
**CONSTRUCTION MATERIALS TESTING**  
**SOIL SCIENCE**  
**SPECIALTY FOUNDATION DESIGN**

*The groundwork for success.*

### Hydrometer Analysis Test Report - ASTM D422



% +3"	% Gravel	% Sand	% Silt	% Clay	USCS	LL	PI
0.0	47.8	34.1	13.5	4.7	GM	-	NP

Sieve Size (inches)	Sieve Size (mm)	Percent Finer
4	100.0	100.0
3	75.0	100.0
2	50.0	100.0
1 1/2	37.5	100.0
1	25.0	91.0
3/4	19.0	81.8
3/8	9.50	64.9

Sieve Number	Sieve Size (mm)	Percent Finer
#4	4.75	52.2
#10	2.00	42.9
#20	0.850	38.1
#35	0.500	35.1
#40	0.425	33.8
#100	0.150	23.0
#200	0.075	18.2

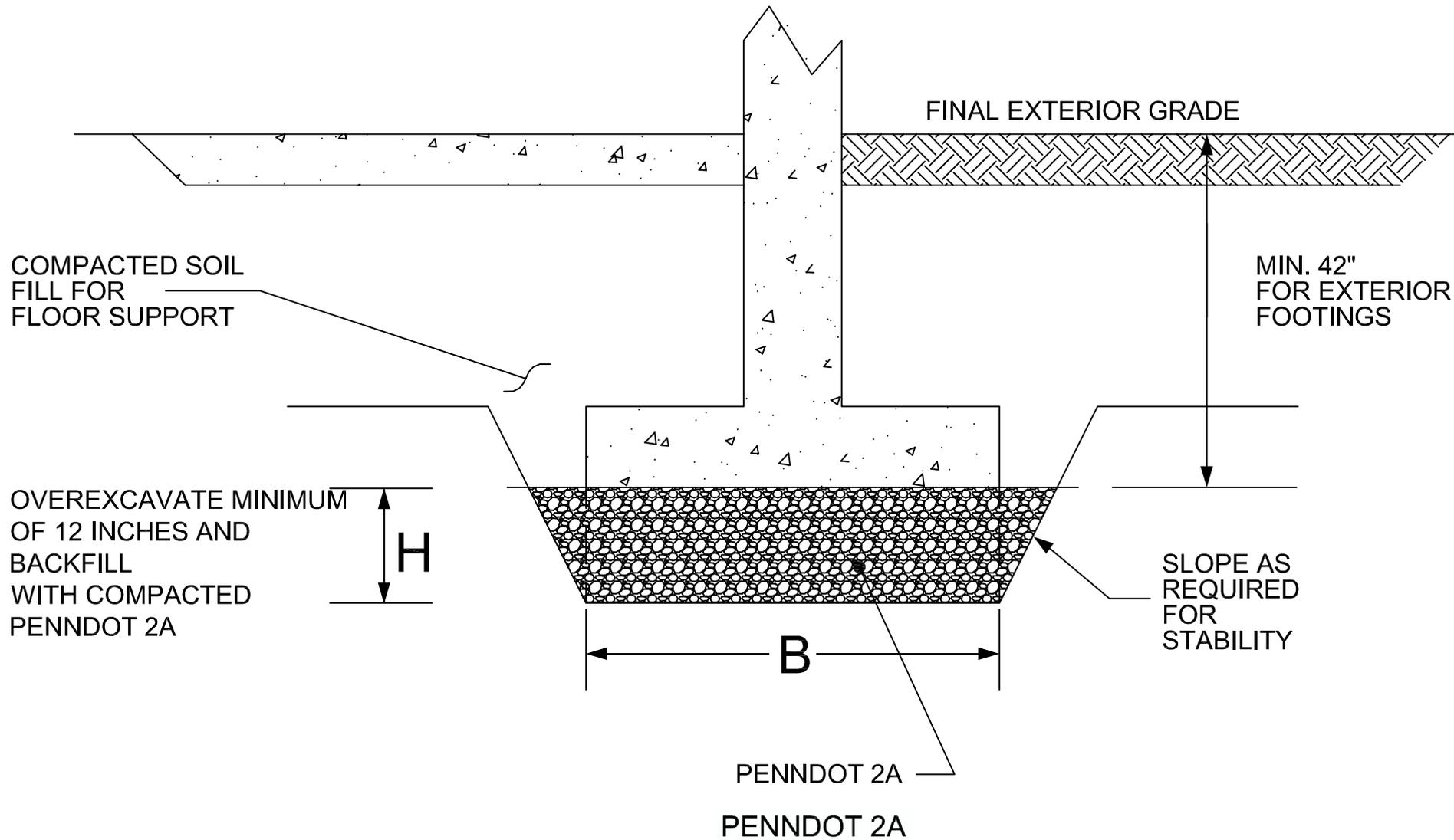
Grain Size		Coefficients	
D <sub>60</sub>	7.667	C <sub>u</sub>	1.03
D <sub>30</sub>	0.328	C <sub>u</sub>	559.66
D <sub>10</sub>	0.014		

**Project:** Sunbury Recycling Processing Building  
**Sample Location:** TB-3 (1.0'-5.0')  
**Material Description:** Dark Brown Silty Gravel with Sand  
**Client:** Sunbury Municipal Authority

**File Number:** 1232400  
**Date:** 28-Jan-13  
**CMT I.D. No.:** 12282

*James P. [Signature]*  
 CMT Laboratories, Inc.

**APPENDIX G**  
**OVEREXCAVATION AND REPLACEMENT DETAIL**



NO SCALE.



**cmt**  
LABS

GEOTECHNICAL ENGINEERING  
CONSTRUCTION MATERIALS TESTING  
INSPECTION  
SPECIALTY FOUNDATION DESIGN

CMT Laboratories, Inc.  
2701 Carolean Industrial Drive  
State College, PA 16801

Phone: 814-231-8845  
Fax: 814-231-8846  
shoover@cmtlabsinc.com

TITLE:  
TYPICAL FOOTING OVEREXCAVATION & REPLACEMENT DETAIL

PROJECT:  
SUNBURY RECYCLING PROCESSING BUILDING

CMT PROJECT #:  
1232400

PROJECT ENGINEER:  
SHAD E. HOOVER, P.E.

DRAFTSPERSON:  
SHAD E. HOOVER, P.E.

DATE:  
FEBRUARY 1, 2013

**APPENDIX H**  
**BIBLIOGRAPHY**

## **BIBLIOGRAPHY**

- American Society for Testing and Materials (ASTM). *Annual Book of Standards – Soil and Rock*, Volume 04.08, ASTM, West Conshohocken, PA, 2000.
- Berg, T. M., and Dodge, C. M., eds. *Atlas of Preliminary Geologic Quadrangle Maps of Pennsylvania*, Pennsylvania Geological Survey, 1981.
- Bowles, Joseph E. *Foundation Analysis and Design*, Fourth Edition, McGraw-Hill Book Company, New York, 1988.
- Das, Braja M. *Principles of Geotechnical Engineering*, Third Edition, PWS Publishing Company, Boston, 1994.
- Das, Braja M. *Principles of Foundation Engineering*, Third Edition, PWS Publishing Company, Boston, 1995.
- Geyer, Alan R. and Wilshusen, J. Peter. *Engineering Characteristics of the Rock of Pennsylvania*. Department of Environmental Resources, Office of Resources Management, Bureau of Topographic and Geologic Survey. Pennsylvania Geologic Survey. Fourth Series. Harrisburg, PA. 1982 (2<sup>nd</sup> Ed.).
- UNI-TEC Consulting Engineers Inc. *Solid Waste Transfer Station Site Improvement Project*, August, 2012.
- Pennsylvania Department of Transportation. *Specifications, PennDOT Pub. 408*, Commonwealth of Pennsylvania, Harrisburg, 2000.
- Pennsylvania Department of Transportation. *Publication 242, Pavement Policy Manual*. Commonwealth of Pennsylvania, Harrisburg. March 20, 1996.

## **Form D – Appendix C**

# **State and Federal Scenic River Map**

---

# Pennsylvania Scenic Rivers Program

State and Federally Designated Rivers.

Project Location



### Pennsylvania Scenic Rivers

Name	Date Designated
1 Schuylkill River	November 26, 1978
2 Story Creek	March 24, 1980
3 Lehigh River	April 5, 1982
4 French Creek	April 29, 1982
5 Lick Run	December 17, 1982
6 Octagon Creek	October 21, 1983
7 Le Tort Spring Run	March 30, 1988

### Federal Scenic Rivers

Name	Date Designated
8 Bear Run	December 19, 1988
9 Tuogaan Creek	December 19, 1988
10 Lower Brandywine	June 16, 1989
11 Yellow Breeches Creek	December 4, 1992
12 Tulpehocken Creek	December 4, 1992
13 Pine Creek	December 4, 1992

### LEGEND

Scenic Rivers	
Type	
	Federal Scenic River
	Pennsylvania Scenic River
	Counties



**UNI-TEC**  
**Consulting Engineers Inc.**  
 2007 Cato Avenue  
 State College, PA 16801  
 (814) 238-8223 www.uni-tec.com

## APPENDIX C

# STATE AND FEDERAL SCENIC RIVERS

SCALE  
NOT TO SCALE

PROJECT NO.  
0372-008-009

SHEET NO.  
1 OF 1

## **Form D – Appendix D**

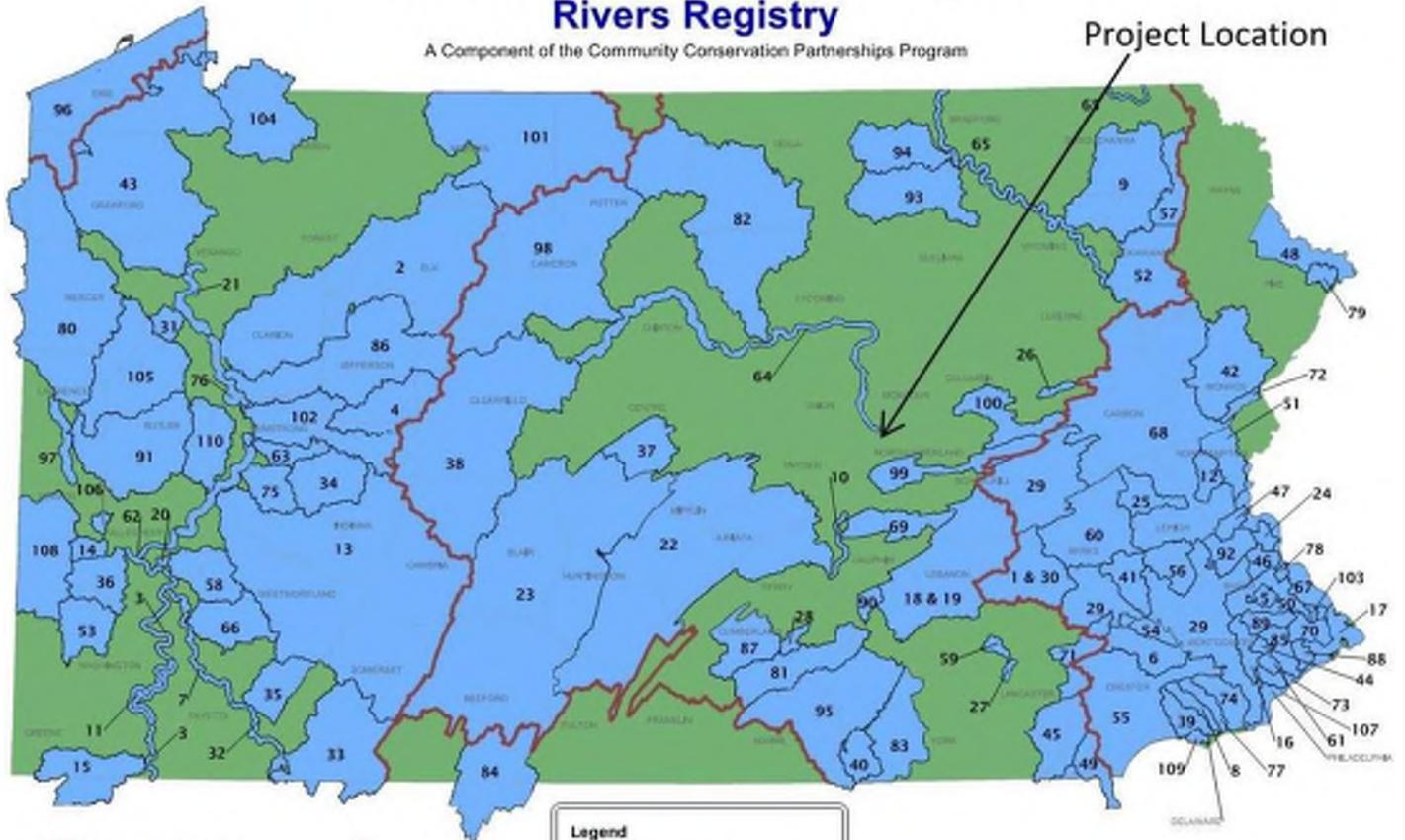
# **Pennsylvania Registered Waterways Map**

---

# DCNR Rivers Conservation Program Rivers Registry

A Component of the Community Conservation Partnerships Program

Project Location



Legend	
	River Basins
	County Boundary
	Rivers Registry



For more information on the Rivers Registry, please visit us at:  
<http://www.dcnr.state.pa.us/tes/conservation/rivers/index.htm>

Bureau of Recreation and Conservation  
Revised February 17, 2000

**UNI-TEC**  
Consulting Engineers Inc.  
2007 Cato Avenue  
State College, PA 16801  
(814) 238-8223 www.uni-tec.com

## APPENDIX D

# PENNSYLVANIA REGISTERED WATERWAYS

SCALE  
NOT TO SCALE

PROJECT NO.  
0372-008-009

SHEET NO.  
1 OF 1

**Form D – Appendix E**  
**U.S. Fish and Wildlife Service National Wetlands**  
**Inventory Map**

---



July 1, 2020

**Wetlands**

- |                                |                                   |       |
|--------------------------------|-----------------------------------|-------|
| Estuarine and Marine Deepwater | Freshwater Emergent Wetland       | Lake  |
| Estuarine and Marine Wetland   | Freshwater Forested/Shrub Wetland | Other |
| Freshwater Pond                | Riverine                          |       |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)  
This page was produced by the NWI mapper



**UNI-TEC**  
Consulting Engineers Inc.  
2007 Cato Avenue  
State College, PA 16801  
(814) 238-8223 www.uni-tec.com

APPENDIX E

U.S. FISH AND WILDLIFE  
SERVICE NATIONAL WETLANDS  
INVENTORY MAP

SCALE  
NOT TO SCALE

PROJECT NO.  
0372-008-009

SHEET NO.  
1 OF 1

## **Form D – Appendix F PNDI Receipt**

---

## 1. PROJECT INFORMATION

Project Name: **SMA Transfer Station Roof Extension**

Date of Review: **7/6/2020 05:30:01 PM**

Project Category: **Waste Transfer, Treatment, and Disposal, Solid waste disposal, Other**

Project Area: **0.34 acres**

County(s): **Northumberland**

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

ZIP Code: **17801**

Quadrangle Name(s): **SUNBURY**

Watersheds HUC 8: **Lower Susquehanna-Penns**

Watersheds HUC 12: **Shamokin Creek-Susquehanna River**

Decimal Degrees: **40.853581, -76.796218**

Degrees Minutes Seconds: **40° 51' 12.8901" N, 76° 47' 46.3857" W**

## 2. SEARCH RESULTS

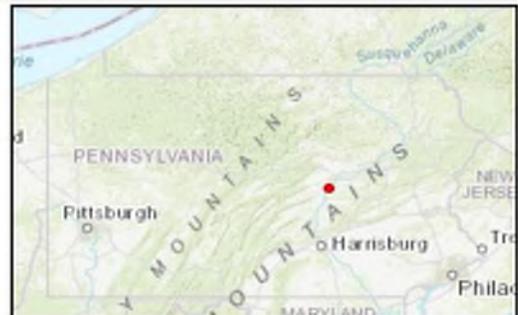
Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No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

### SMA Transfer Station Roof Extension

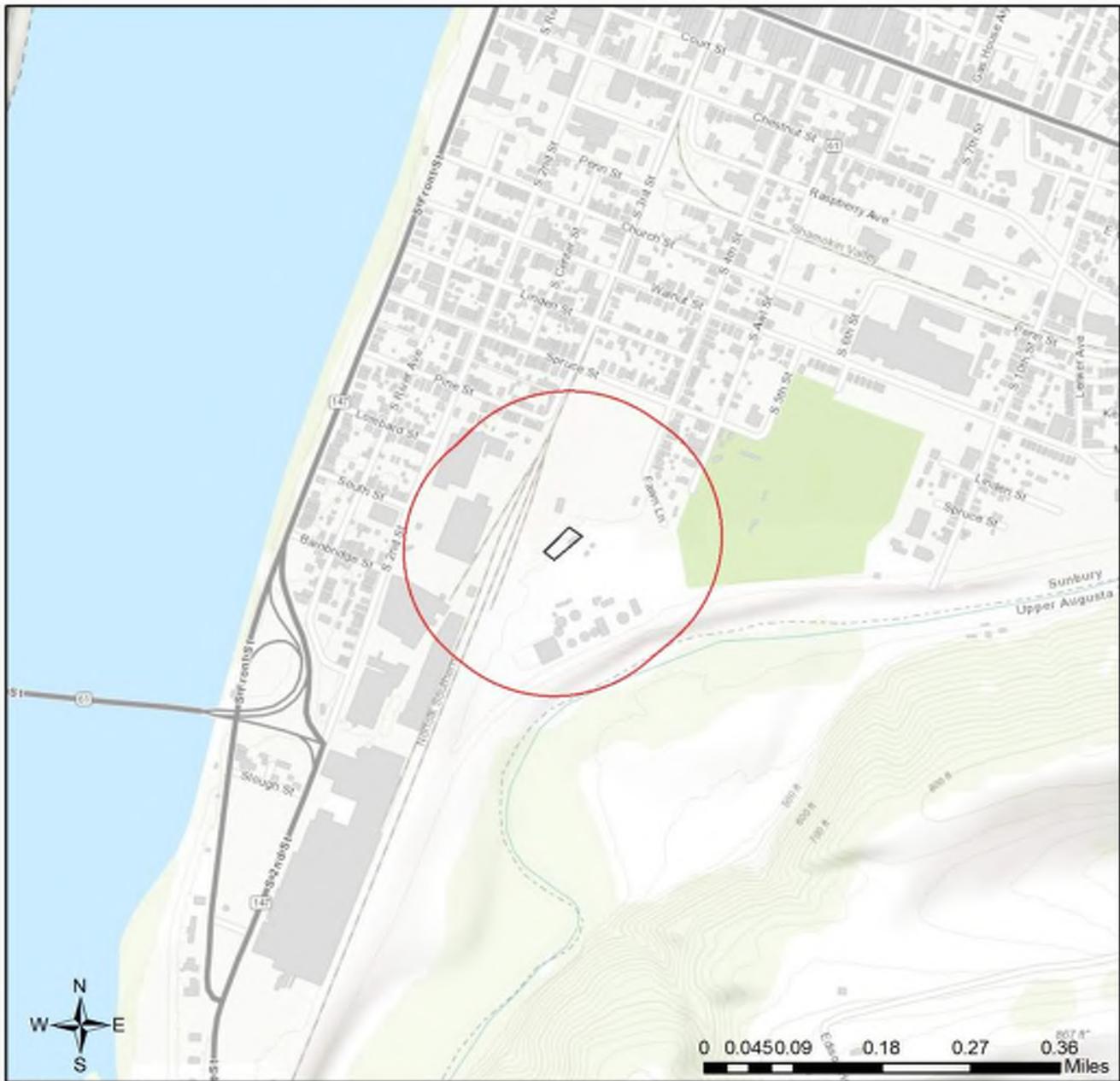


- Project Boundary
- Buffered Project Boundary



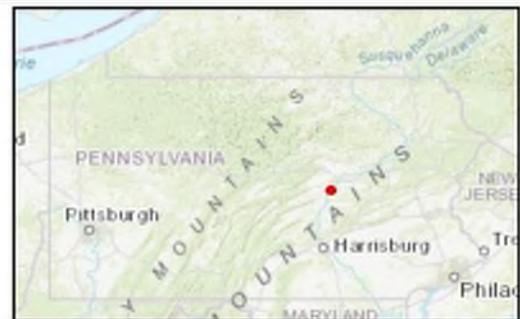
Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community  
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community  
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China

### SMA Transfer Station Roof Extension



- Project Boundary
- Buffered Project Boundary

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



### 3. AGENCY COMMENTS

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

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

#### PA Game Commission

##### RESPONSE:

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

#### PA Department of Conservation and Natural Resources

##### RESPONSE:

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

#### PA Fish and Boat Commission

##### RESPONSE:

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

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

##### RESPONSE:

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

### 4. DEP INFORMATION

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

## 5. ADDITIONAL INFORMATION

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

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

## 6. AGENCY CONTACT INFORMATION

### PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section  
400 Market Street, PO Box 8552  
Harrisburg, PA 17105-8552  
Email: [RA-HeritageReview@pa.gov](mailto:RA-HeritageReview@pa.gov)

### PA Fish and Boat Commission

Division of Environmental Services  
595 E. Rolling Ridge Dr., Bellefonte, PA 16823  
Email: [RA-FBPACENOTIFY@pa.gov](mailto:RA-FBPACENOTIFY@pa.gov)

### U.S. Fish and Wildlife Service

Pennsylvania Field Office  
Endangered Species Section  
110 Radnor Rd; Suite 101  
State College, PA 16801  
Email: [IR1\\_ESPenn@fws.gov](mailto:IR1_ESPenn@fws.gov)  
NO Faxes Please

### PA Game Commission

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

## 7. PROJECT CONTACT INFORMATION

Name: Garrett A. Stoy, E.I.T.  
Company/Business Name: Uni-Tec Consulting Engineers, Inc.  
Address: 2007 Cato Avenue  
City, State, Zip: State College, PA, 16801  
Phone: ( 814 ) 238-8223 Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email: gas@uni-tec.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

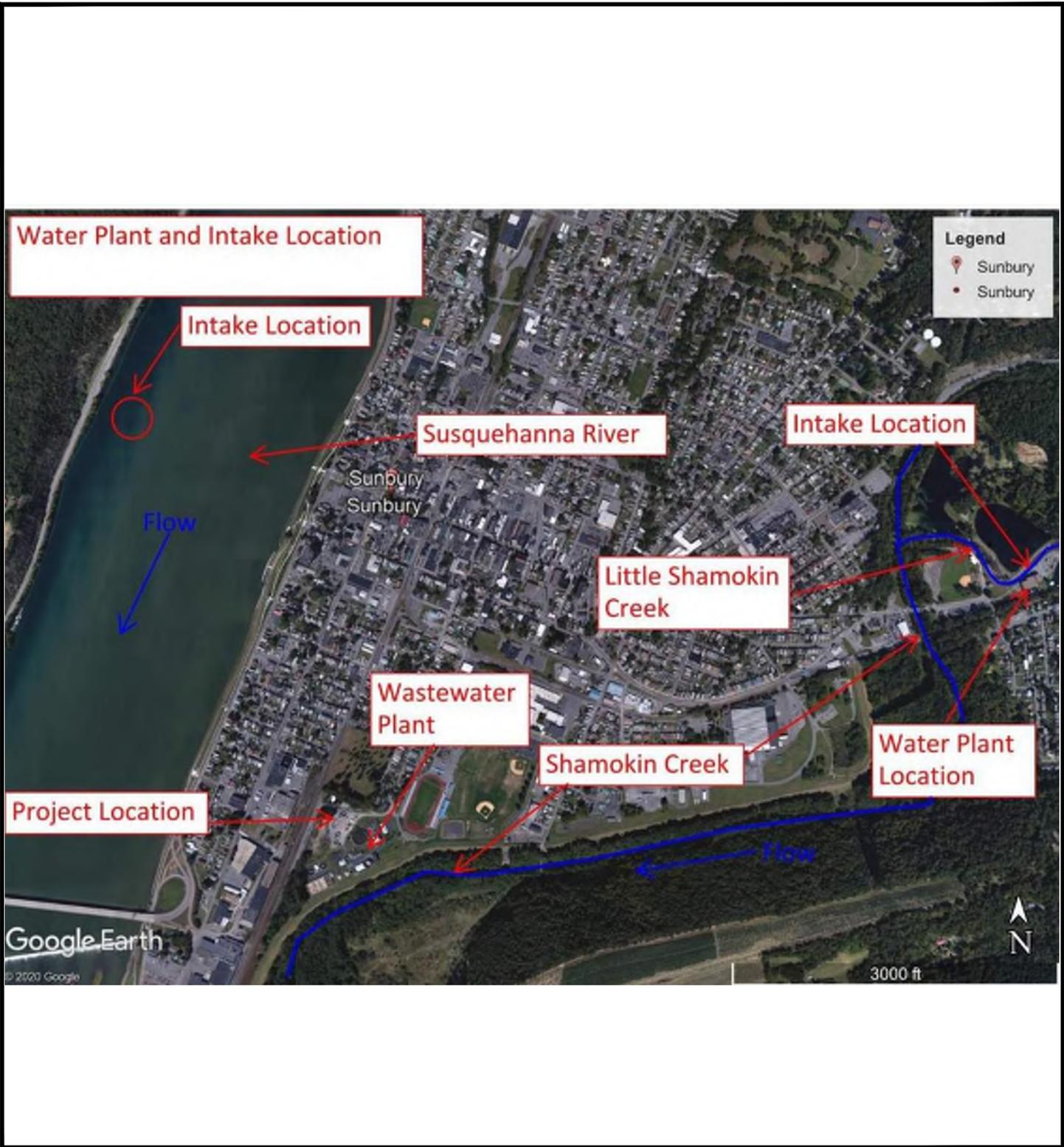
July 6, 2020

date

## **Form D – Appendix G**

# **Water Plant and Intake Location**

---




**UNI-TEC**  
 Consulting Engineers Inc.  
 2007 Cato Avenue  
 State College, PA 16801  
 (814) 238-8223 www.uni-tec.com

**APPENDIX G**

---

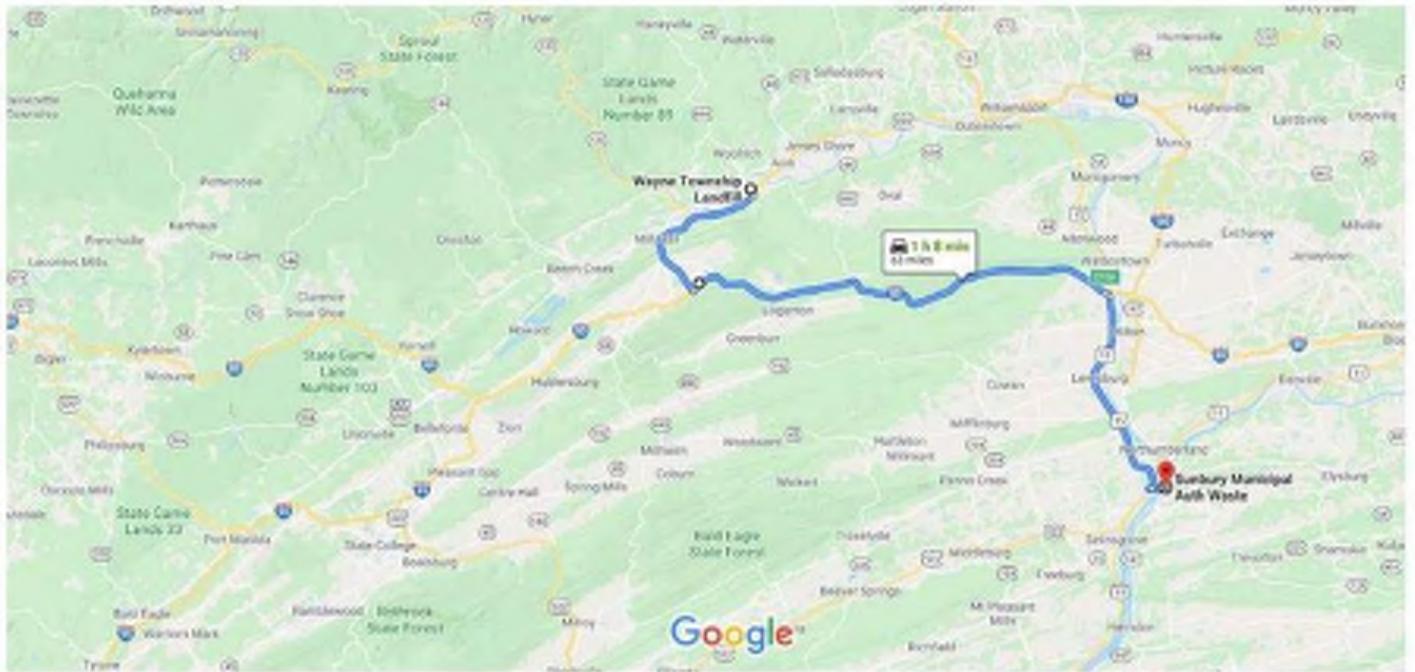
**WATER PLANT AND INTAKE LOCATION**

SCALE NOT TO SCALE
PROJECT NO. 0372-008-009
SHEET NO. 1 OF 1

## **Form D – Appendix H**

# **Approach Route with Google Map Directions**

---



Map data ©2020 Google 5 mi

**Wayne Township Landfill**

15 Landfill Ln, McElhattan, PA 17748

**Get on US-220 S from McElhattan Dr**

- ↑ 1. Head east toward Old Hall Rd/T428 ..... 0.2 mi
- ↘ 2. Turn right at the 1st cross street onto Old Hall Rd/T428 ..... 49 ft
- ↘ 3. Turn right onto Landfill Ln ..... 410 ft
- ↙ 4. Turn left onto McElhattan Dr ..... 0.4 mi
- ⤴ 5. Take the ramp onto US-220 S ..... 0.2 mi

**Follow US-220 S and I-80 E to US-15 S in New Columbia.**

Take exit 210A from I-80 E.

- ⤴ 6. Merge onto US-220 S ..... 12.9 mi
- ⤴ 7. Turn left onto the Interstate 80 E ramp ..... 0.3 mi

- ⤴ 8. Merge onto I-80 E ..... 21.7 mi
- ↘ 9. Take exit 210A to merge onto US-15 S toward Lewisburg ..... 0.4 mi

**Continue on US-15 S, Drive to Fawn Ln in Sunbury**

- ⤴ 10. Merge onto US-15 S ..... 15.7 mi
- ↘ 11. Take the PA-61 S exit toward Sunbury ..... 0.5 mi
- ↑ 12. Continue onto PA-61 S ..... 0.6 mi
- ↘ 13. Take the exit toward Herndon ..... 0.3 mi
- ↙ 14. Turn left onto S 2nd St ..... 0.9 mi
- ↘ 15. Turn right onto Spruce St ..... 0.2 mi
- ↘ 16. Turn right onto S 4th St ..... 273 ft
- ↙ 17. Turn left to stay on S 4th St ..... 308 ft
- ↘ 18. Turn right onto Fawn Ln ..... 0.1 mi

**Sunbury Municipal Auth Waste**

485 Fawn Ln, Sunbury, PA 17801



APPENDIX H

APPROACH ROUTE WITH GOOGLE MAP DIRECTIONS

SCALE NOT TO SCALE

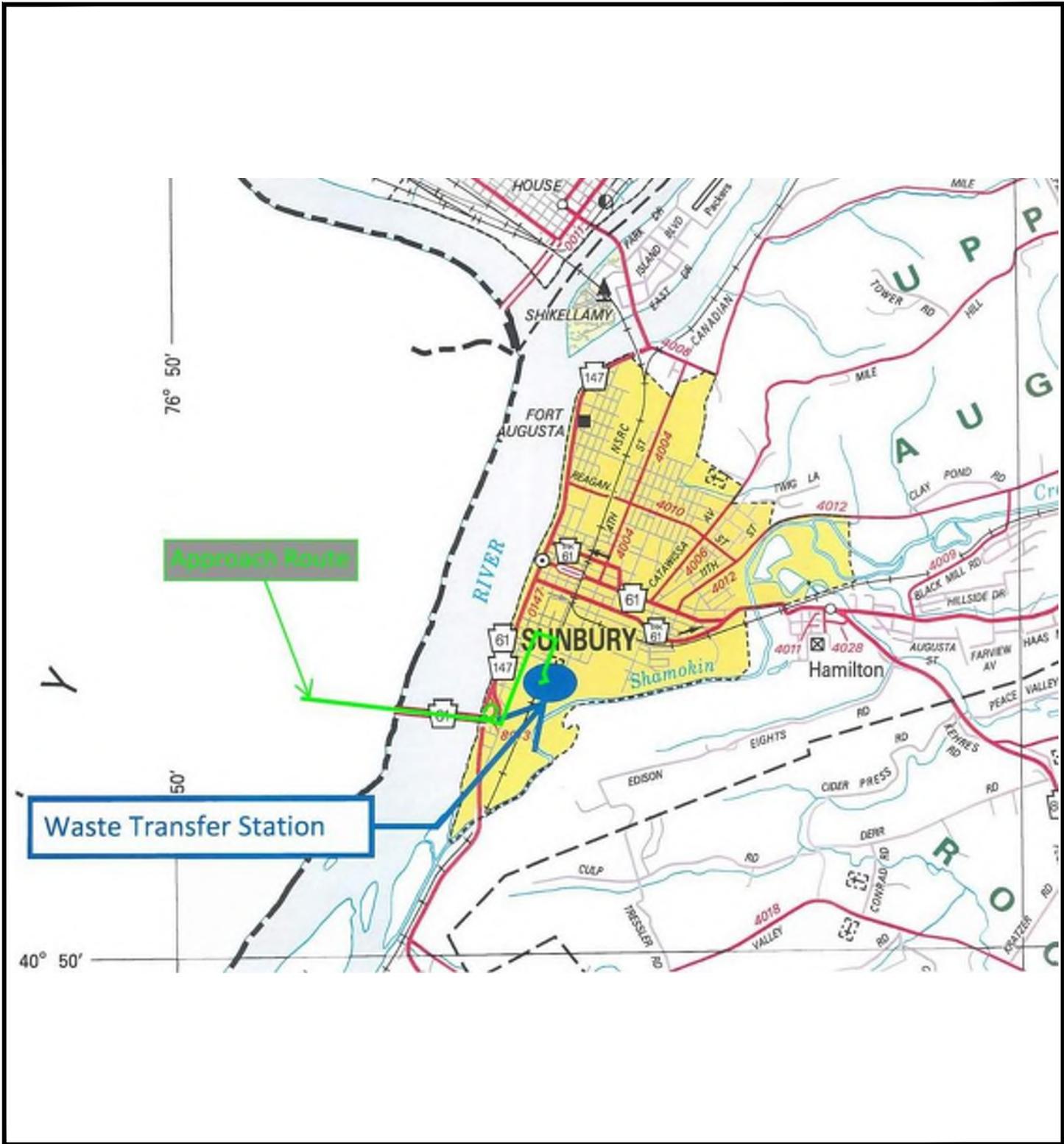
PROJECT NO. 0372-008-009

SHEET NO. 1 OF 1

## **Form D – Appendix I**

# **PennDOT Type 10 Map**

---




**UNI-TEC**  
 Consulting Engineers Inc.  
 2007 Cato Avenue  
 State College, PA 16801  
 (814) 238-8223 www.uni-tec.com

**APPENDIX I**

---

**PENNDOT TYPE 10 MAP SMA  
 SOLID WASTE TRANSFER  
 STATION**

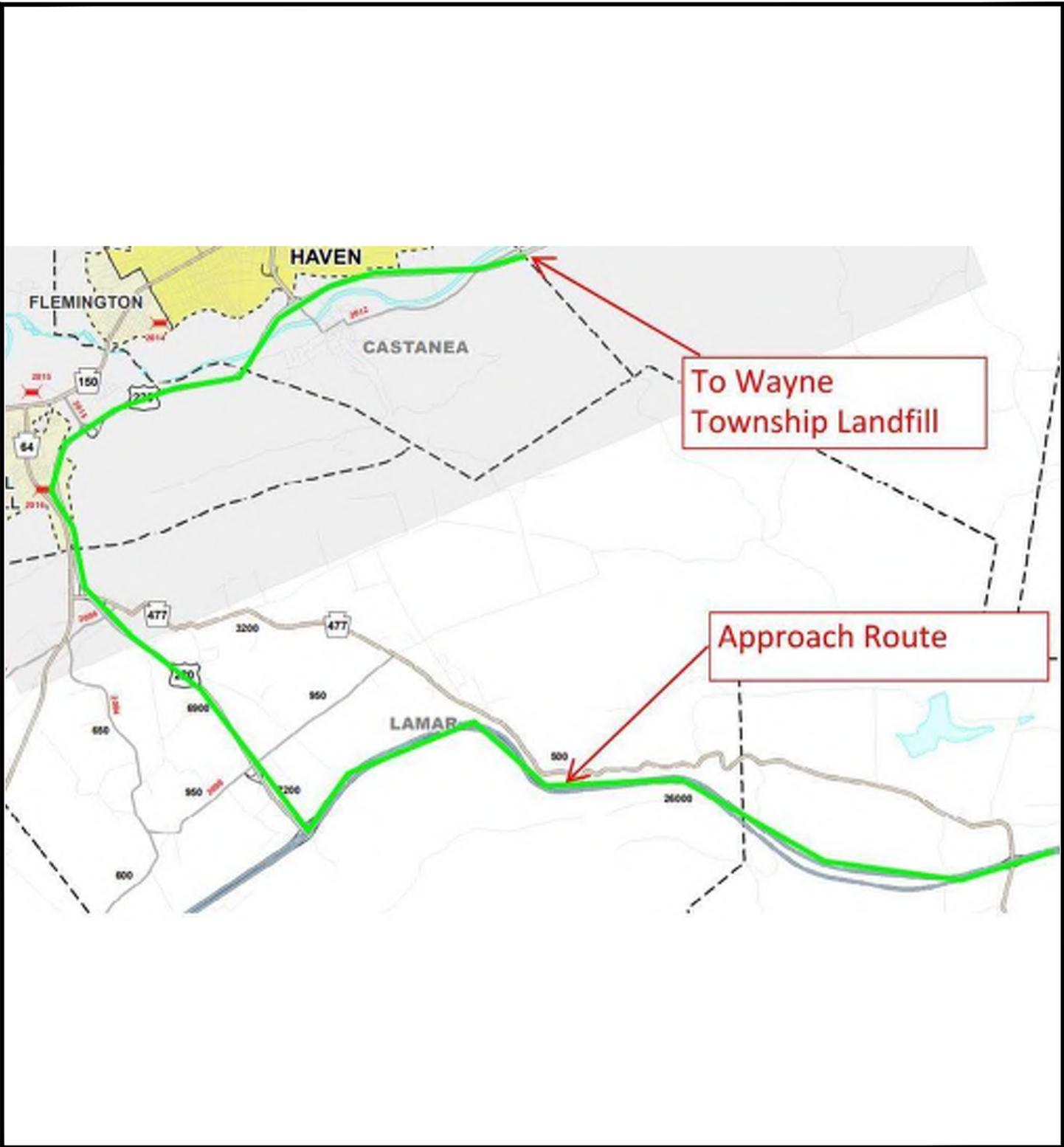
SCALE  
 NOT TO SCALE

---

PROJECT NO.  
 0372-008-009

---

SHEET NO.  
 1 OF 2




**UNI-TEC**  
 Consulting Engineers Inc.  
 2007 Cato Avenue  
 State College, PA 16801  
 (814) 238-8223 www.uni-tec.com

APPENDIX I

PENNDOT TYPE 10 MAP  
 WAYNE TOWNSHIP LANDFILL

SCALE  
 NOT TO SCALE

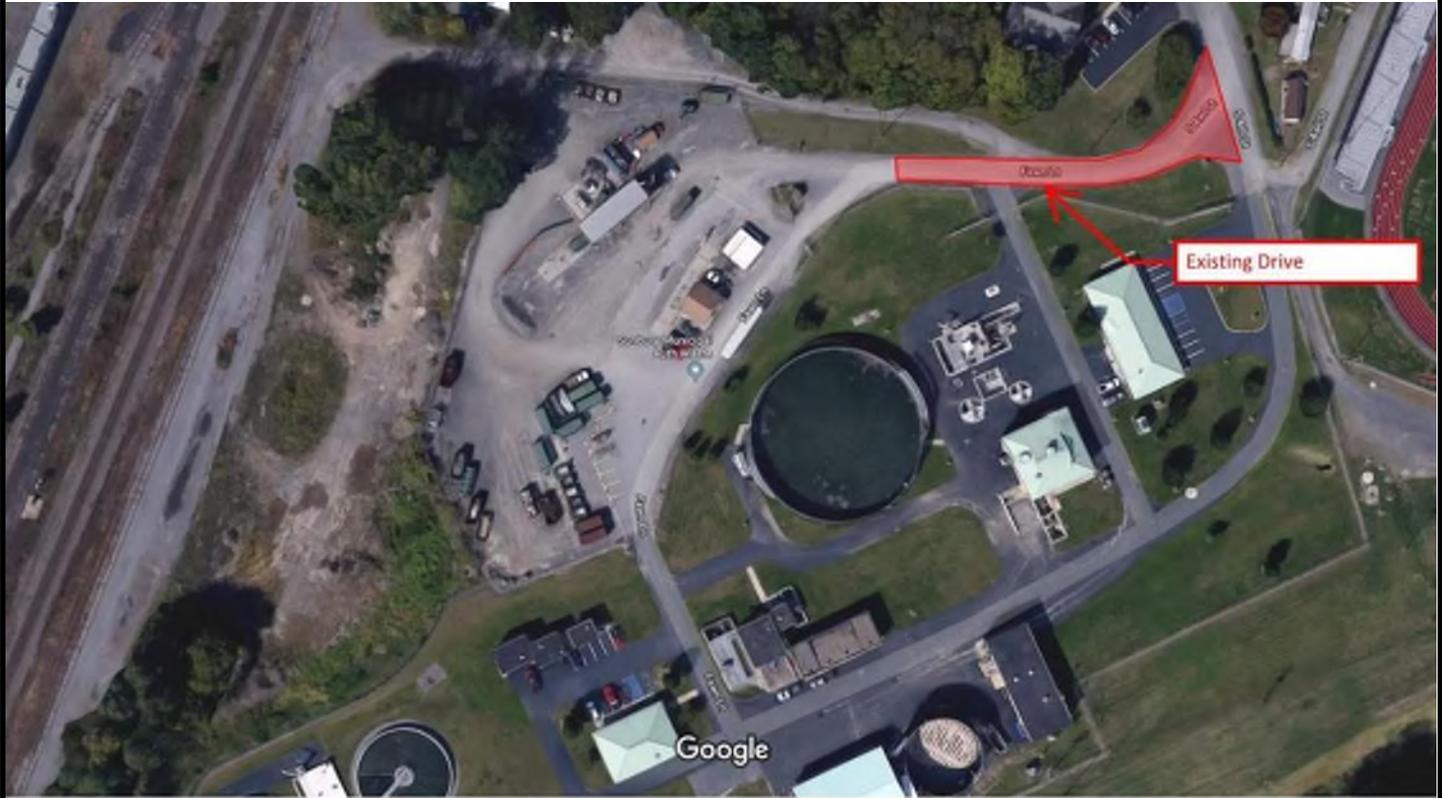
PROJECT NO.  
 0372-008-009

SHEET NO.  
 2 OF 2

## **Form D – Appendix J**

### **Existing Driveway Location**

---



Imagery ©2019 Google, Map data ©2019 50 ft



**UNI-TEC**  
Consulting Engineers Inc.  
2007 Cato Avenue  
State College, PA 16801  
(814) 238-8223 www.uni-tec.com

## APPENDIX J

### EXISTING DRIVEWAY LOCATION

SCALE  
NOT TO SCALE

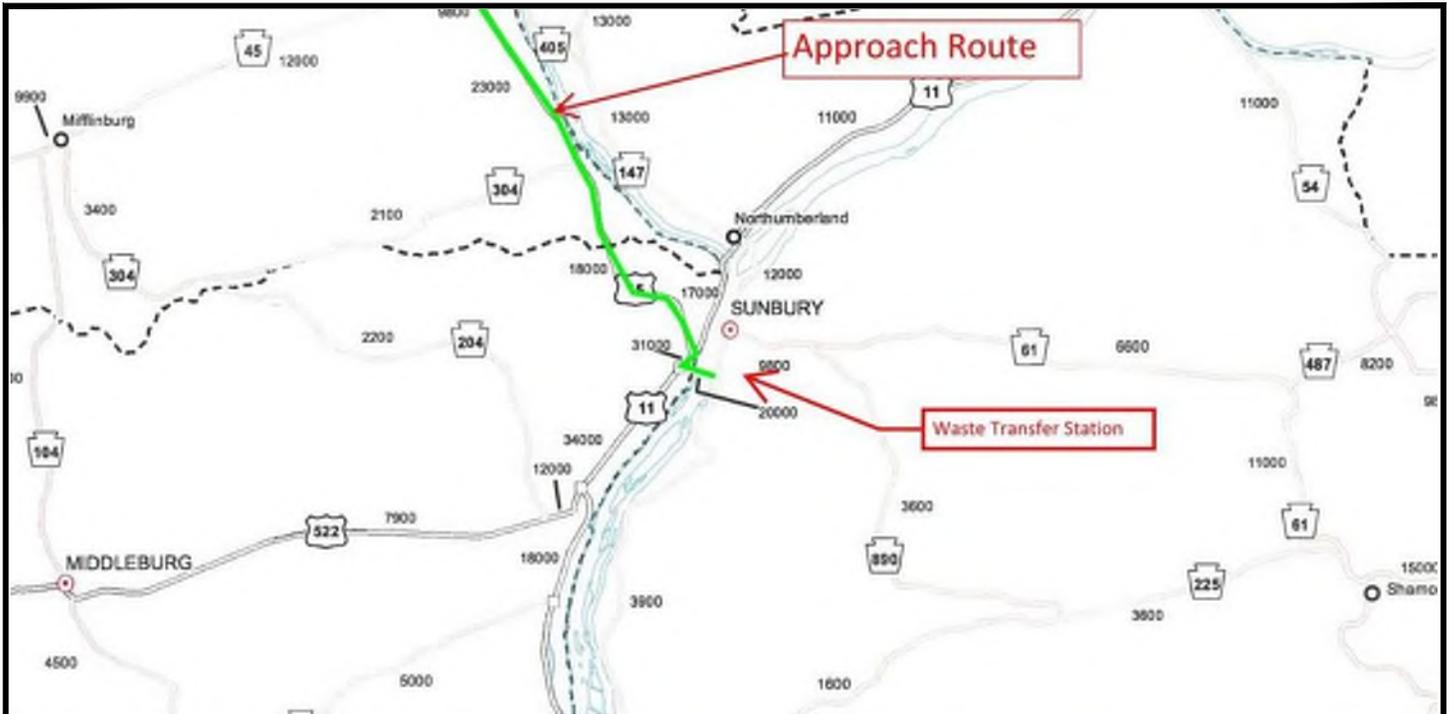
PROJECT NO.  
0372-008-009

SHEET NO.  
1 OF 1

## **Form D – Appendix K**

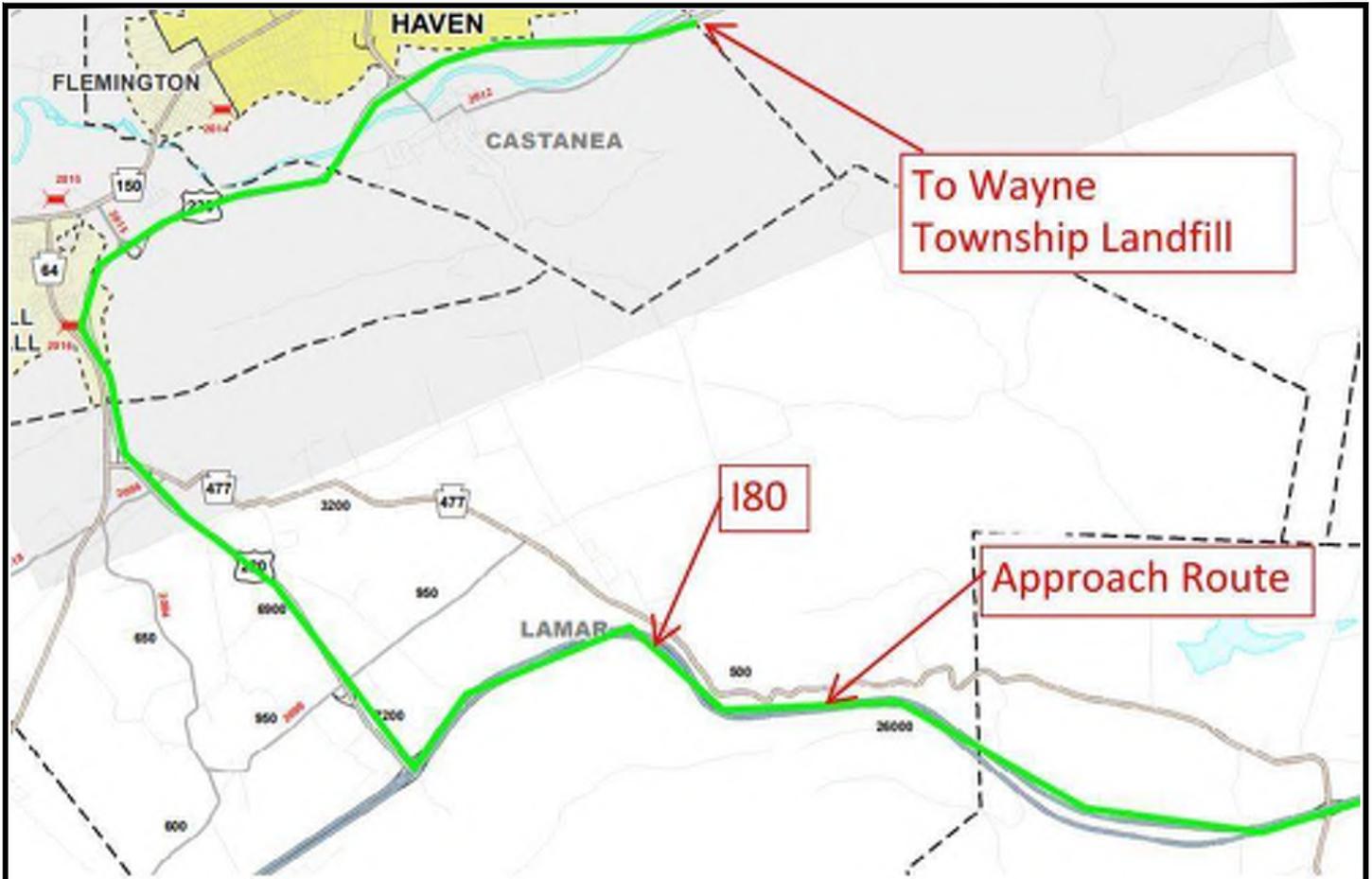
### **Approach Route ADT**

---



Note: Information obtained from the PA Traffic Volume Map.  
 The numbers found near the SR is a count of ADT for that corresponding SR.

 <p><b>UNI-TEC</b>          Consulting Engineers Inc.          2007 Cato Avenue          State College, PA 16801          (814) 238-8223 www.uni-tec.com</p>	<p>APPENDIX K</p>	<p>SCALE          NOT TO SCALE</p>
	<p>APPROACH ROUTE ADT</p>	<p>PROJECT NO.          0372-008-009</p> <hr/> <p>SHEET NO.          1 OF 2</p>



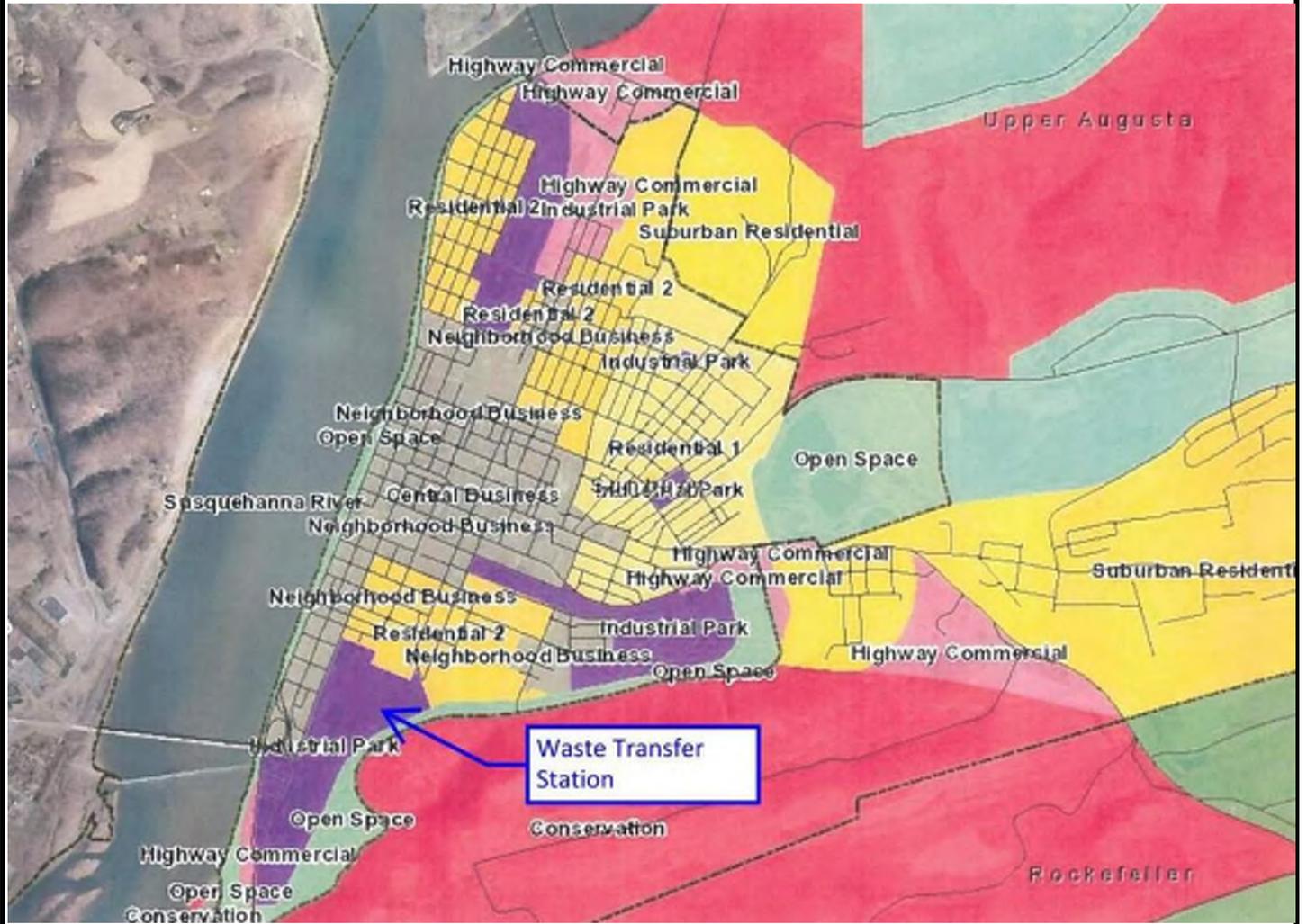
Note: Information obtained from the PA Traffic Volume Map.  
 The numbers found near the SR is a count of ADT for that corresponding SR.

 <p><b>UNI-TEC</b>          Consulting Engineers Inc.          2007 Cato Avenue          State College, PA 16801          (814) 238-8223 www.uni-tec.com</p>	<p>APPENDIX K</p>	<p>SCALE          NOT TO SCALE</p>
	<p>APPROACH ROUTE ADT</p>	<p>PROJECT NO.          0372-008-009</p> <p>SHEET NO.          2 OF 2</p>

## **Form D – Appendix L**

# **City of Sunbury Zoning Map**

---



**Form D – Appendix M**  
**Form D Environmental Assessment for Municipal  
and Residual Waste Management Facilities**

---



Date Prepared/Revised
<b>DEP USE ONLY</b>
Date Received

## FORM D ENVIRONMENTAL ASSESSMENT FOR MUNICIPAL AND RESIDUAL WASTE MANAGEMENT FACILITIES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form D, reference the item number and identify the date prepared. The “date prepared/revised” on any attached sheets needs to match the “date prepared/revised” on this page.

General References: 271.126, 271.127, 287.126 and 287.127	
SECTION A. SITE IDENTIFIER	
Applicant/permittee	Municipal Authority of the City of Sunbury
Site Name	Municipal Authority of the City of Sunbury Solid Waste Transfer Station
Facility ID (as issued by DEP)	101323

### ENVIRONMENT ASSESSMENT CRITERIA

#### A. Geologic

1. Is the proposed facility within an area with a 10% or greater probability that a maximum horizontal acceleration will exceed 0.10g in 250 years as mapped by the Pennsylvania Geologic Survey or the United States Geological Survey? If yes, the applicant shall specify design measures necessary to withstand potential seismic events, and the Department will determine whether the proposed design measures provide adequate protection from earthquake damage.
2. Are there any potential geologic hazards, foundation problems, or groundwater conditions which require site investigation? If yes, identify and describe.

Note: The Bureau of Topographic and Geologic Survey does not certify whether any site has potential geologic problems, but will provide lists of published geologic reports that will aid the applicant to determine the nature of the site. Design measures to withstand potential seismic events are specified in EPA/600/R-95/051, RCRA Subtitle D (258), Seismic Design Guidance for Municipal Solid Waste Landfill Facilities, 1995.

#### B. Scenic Rivers - Describe any affirmative responses and proposals to minimize or mitigate any environmental impact.

1. Is the project located in the waterway or corridor of a stream or river designated as a Pennsylvania Scenic River or a waterway included in the National Wild and Scenic River System?
2. Is the project located within one mile of the stream or river bank of a 1-A priority waterway, as identified by the Department of Conservation and Natural Resources?
3. Is the project located within one mile of the stream or river bank of a waterway under study for designation as a Pennsylvania Scenic River or inclusion in the National Wild and Scenic River System?
4. Is the project located in the drainage area (watershed) of a stream or river designated as a Pennsylvania Scenic River or a National Wild and Scenic River?
5. Will the project result in discharges of any kind to the waterway or corridor of a stream or river designated as a Pennsylvania Scenic River or National Wild and Scenic River?
6. Will the project result in increased railroad or highway traffic having an adverse impact upon a waterway designated as a Pennsylvania Scenic River or a National Wild and Scenic River?

7. Can the project be seen from the waterway or corridor of a stream or river designated as a Pennsylvania Scenic River or National Wild and Scenic River?
8. Does the project impact, visually or physically, the aesthetic environment or recreational activities or opportunities of a stream or river designated as a Pennsylvania Scenic River or National Wild and Scenic River?
9. Are remedial or mitigating measures necessary to make the project conform to land and water management guidelines that were developed for this specific Pennsylvania Scenic River or National Wild and Scenic River?
10. Is the project located within a Special Protection Watershed, as designated in Chapter 93 (relating to Pennsylvania's Stream Water Quality Criteria) of the Rules and Regulations of the Pennsylvania Department of Environmental Protection? If yes:
  - a. Identify the stream and watershed, and the distance of the stream from the project.
  - b. Describe the characteristics of the project which might create adverse impacts on the stream.
  - c. Describe measures to be taken to minimize adverse impacts on the stream.
11. Will the project, absent control measures, result in an increase in the peak discharge rate for storm water drainage from the project site? If yes:
  - a. Describe the amount of increase in the peak discharge rate for storm water drainage.
  - b. Describe adverse impacts that might result from the increase in peak discharge rate for stormwater drainage.
  - c. Describe measures to be taken to minimize adverse impacts from the increase in the peak discharge rate for storm water drainage.
12. Are remedial or mitigating measures required as part of the implementation and management plans for this project? If yes, identify and demonstrate the degree of mitigation.

C. Wetlands

1. Are wetlands present within the facility or adjacent areas? If yes, Wetlands must be identified by using the 1987 Corp of Engineers Wetland Delineation Manual for the Department's regulatory purposes. Current wetland identification and delineation procedures are available from DEP Regional Offices. Direct impacts to wetlands (changing their cross section by grading or excavating) will require a Chapter 105 permit. A Chapter 105 permit will not be issued until the applicant demonstrates that impacts have minimized or avoided to the greatest extent practicable and approved plans for mandatory replacement of wetlands have been submitted. A determination must be made as to whether the wetlands are Exceptional Value (EV) according to Chapter 105. These wetlands have a higher level of protection.
2. An environmental assessment shall be included with the permit application. It shall evaluate the wetland's functions and values. According to application requirements an assessment of the functions and values of wetlands may include, but not limited to, the items listed below. (Proposed indirect impacts to wetlands, which do not include a change in the wetland cross section, such as an alteration in hydrology alone, will not require a Chapter 105 permit, but will require an environmental assessment.)
  - a. Do the wetlands serve an important natural biological function, including food chain production; providing general habitat; and providing nesting, spawning, rearing and resting sites for aquatic or land species?
  - b. Are the wetlands set aside for study of the aquatic environment or as sanctuaries or refuges?
  - c. Would alteration or destruction of the wetlands detrimentally affect natural drainage characteristics, sedimentation patterns, salinity distribution, flushing characteristics, natural water filtration process, current patterns or other environmental characteristics?
  - d. Are the wetlands significant in shielding other areas from wave action erosion, or storm damage?
  - e. Do the wetlands serve as valuable storage areas for storm and flood waters?
  - f. Are the wetlands prime natural recharge areas (i.e., locations where surface and groundwater are directly interconnected)?
  - g. To assist with an assessment of the functions and values please provide a description of the wetland classification according to the Cowardin classification system, including the wetland's water regime.

D. Parks

1. Is the project located within one mile of: a unit of the National Parks System; a state, county, local or municipal park; a recreation facility operated by the U.S. Army Corps of Engineers; a state forest picnic area; a national landmark; or the Allegheny River Reservoir in the Allegheny National Forest? If yes:
  - a. Identify the park or other area and its distance from the project.
  - b. Conduct visual and traffic analyses.
  - c. Describe the characteristics of the project which might create adverse environmental, visual, or traffic impacts on or in the vicinity of the park or other area.
  - d. Describe measures to be taken to minimize adverse impacts on the park or other area.
2. Is the project within one mile of the foot path of the Appalachian Trail? If yes:
  - a. Indicate the distance from the project to the Appalachian Trail.
  - b. Conduct visual and traffic analyses.
  - c. Describe the characteristics of the project which might create adverse environmental, visual, or traffic impacts on the Appalachian Trail.
  - d. Describe measures to be taken to minimize adverse impacts on the Appalachian Trail.
3. Is the project located within one mile of a national natural landmark designated by the U.S. National Park Service; or of a natural area, or of a wild area designated by the Pennsylvania Environmental Quality Board? If yes:
  - a. Identify the natural landmark, natural area, or wild area and its distance from the project.
  - b. Conduct visual and traffic analyses.
  - c. Describe the characteristics of the project which might create adverse environmental, visual, or traffic impacts on the natural landmark, natural area, or wild area.
  - d. Describe measures to be taken to minimize adverse impacts on the natural landmark, natural area, or wild area.

E. Fish, Game and Plants

1. Is the project located within one mile or within an identified potential impact area of a national wildlife refuge, national fish hatchery, or national environmental center operated by the U.S. Fish and Wildlife Service? If yes:
  - a. Identify the wildlife refuge, fish hatchery, or environmental center and its distance from the project.
  - b. Conduct visual and traffic analyses.
  - c. Describe the characteristics of the project which might create adverse environmental, visual, or traffic impacts on the wildlife refuge, fish hatchery, or environmental center.
  - d. Describe measures to be taken to minimize adverse impacts on the wildlife refuge, fish hatchery, or environmental center.
2. Is the project located within 1/4 mile of the boundary of a state forest or state game land; or of the proclamation boundary of the Allegheny Natural Forest? If yes:
  - a. Identify the forest or game land and its distance from the project.
  - b. Describe the characteristics of the project which might create adverse impacts on the forest or game land.
  - c. Describe measures to be taken to minimize adverse impacts of the project on the forest and game land.
3. Is the project located within an area which supports endangered, threatened, rare plant or animal species listed under the Federal Endangered Species Act, 16 U.S.C.A. §1531 et seq. (1973); the Act of June 23, 1982 (P.L. 597, No. 170), as amended, known as the Wild Resources Conservation Act, 32 P.S. §5301 et seq.; the Act of October 16, 1980 (P.L. 996, No. 175), as amended, known as the Pennsylvania Fish and Boat Code, 30 Pa. C.S.A. §101 et seq. or the Act of July 8, 1986 (P.L. 442, No. 93), as amended, known as the Pennsylvania Game

and Wildlife Code, 34 Pa. C.S.A. §101 et seq. or located in exemplary natural communities as defined by the Pennsylvania Natural Diversity Inventory? If yes:

- a. Identify the species and the habitat area or natural community and the location of the project within the area.
  - b. Describe the characteristics of the project which might create adverse impacts on the species, habitat, or natural community.
  - c. Describe measures to be taken to minimize adverse impacts on the species, habitat, or natural community.
  - d. Describe any contact you have had with the Pennsylvania Fish and Boat Commission, Pennsylvania Game Commission, U.S. Fish and Wildlife Service, or the Pennsylvania Department of Environmental Protection (Plant Program) about the project.
4. Does the proposed project impact critical and unique wildlife habitats (deer wintering areas, caves, denning sites, rock outcrops, or similar habitats)? If yes, please identify these habitats and describe proposals to minimize or mitigate these impacts.
5. Is the facility within 1/4 mile of a water resource listed as stocked waters by the Pennsylvania Fish and Boat Commission?
6. Is the facility within 1/4 mile of a water resource designated as a wild trout stream by the Pennsylvania Fish and Boat Commission?
7. Is the facility within 1/4 mile of a High Quality or Exceptional Value stream listed in 25 Pa. Code Ch. 93? If yes, indicate stream classification.
8. Is there any perennial stream(s) within or directly hydrologically connected to the project? if yes:
- a. Identify the streams and watershed and the location of the stream(s) in relation to the project.
  - b. Identify the fish species present within the perennial stream(s).
  - c. Identify the protected uses, as designated in 25 Pa. Code Ch. 93 (relating to Pennsylvania's Stream Water Quality Criteria), that are listed for the stream(s)/watershed(s).
  - d. Describe the characteristics of the project which might create adverse impacts on the stream(s).
  - e. Describe measures to be taken to minimize adverse impacts on the stream(s).
9. Is the facility within one mile of a stream commonly used for recreational activities? If yes:
- a. Describe the characteristics of the project which may create adverse visual and traffic impacts.
  - b. Describe measures to be taken to minimize the adverse impacts.

#### F. Water Uses

1. Is the project located within the watershed or aquifer, and within one mile, of a public water supply facility dependent on groundwater sources; or upstream, within the watershed, and within three miles of a public water supply facility dependent on surface sources? If yes:
  - a. Identify the public water supply facility and its supply sources, locate both on a topographic map, and indicate their distances from the project.
  - b. Briefly describe the public water supply facility, including capacity and population served.
  - c. Describe measures to be taken to protect the public water supply facility from any potential harm.
2. Is the project within the groundwater recharge area for any public or private water supplies? If yes, provide the following:
  - a. Delineate the position of the proposed permit area within relevant groundwater flow systems.
  - b. Identify public and private water supplies which may potentially be adversely affected by groundwater flow associated with the proposed facility, including a detailed hydrogeologic study addressing the potential effect of the proposed facility on the water supplies.

- c. Does the hydrogeologic study mentioned above indicate adverse affects on any public or private water supplies? If yes, provide the following: feasibility of permanently replacing or restoring the water supply to like quantity and quality with the existing supply and at no additional cost to the owner. A description of the means to restore or replace the water supply shall also be provided.
3. Is the project located within a high quality or exceptional value watershed? If yes:
    - a. Identify the stream segment.
    - b. List any physical or chemical parameters that would be associated with the discharge or runoff from the facility.

G. Recreation

Is there a potential impact the facility will have on recreational areas or facilities within one mile of the proposed project? If yes, identify any mitigation proposals to eliminate or reduce adverse impacts and any mitigation proposals to enhance these areas.

H. Historic/Archaeologic

1. Is the project located within one mile of an historic or archaeological property owned by the Pennsylvania Historical and Museum Commission? If yes:
  - a. Identify the historic or archaeological property and its distance from the project.
  - b. Conduct visual and traffic analyses and impact on the historic or archaeological property.
  - c. Describe the characteristics of the project which might create adverse environmental, visual, or traffic impacts on the historic and archeological properties.
  - d. Describe measures to be taken to minimize adverse impacts on the historic and archeological properties.
2. Is the project located within 1/4 mile of a historic site listed in the National Register of Historic Places or the Pennsylvania Inventory of Historic Places or an archaeological site listed in the Pennsylvania Archaeological Site Survey? If yes:
  - a. Identify the historic or archaeological site and its distance from the project.
  - b. Describe the characteristics of the project which might create adverse impacts on the historic or archaeological site.
  - c. Describe measures to be taken to minimize adverse impacts on the historic or archaeological site.
  - d. Indicate any contact you have had with the Pennsylvania Historical and Museum Commission about the project.

I. Airports (applies to landfill only)

1. Is the proposed landfill located within 6 miles of a public airport and subject to 49 U.S.C. §44718(d) (relating to limitation on construction of landfills)? If yes:
  - a. Has the public airport received grants under Chapter 471 and is primarily served by general aviation aircraft and regularly scheduled flights of aircraft designed for 60 passengers or less?
  - b. Has the Pa. State aviation agency requested the FAA Administration to exempt the landfill from the application of Section 44718(d) and the FAA Administration has issued the exemption in writing stating that the facility will have no adverse impact on aviation safety?
2. Is the existing landfill or proposed expansion within 6 miles of an airport runway? If yes:

Attach Proof of Notice to the Bureau of Aviation of the Pennsylvania Department of Transportation, the Federal Aviation Administration and the airport and the response received to each notification.

J. Traffic

The following information is requested, in part, to assist the Department of Environmental Protection, in consultation with the Department of Transportation or their designee or other appropriate reviewers, in determining whether further traffic and/or roadway studies are necessary as part of this permit application. The information will also assist in

determining the scope of such a study, should one be required. Department of Transportation guidelines and criteria are available to advise the applicant of the scope and manner in which such studies shall be conducted and presented.

1. Identify routes from the nearest limited access (or major) highway used by vehicles traveling to and from the facility ('approach routes'). Submit PennDOT Type 10 maps clearly showing the location of the facility, approach routes and the nearest limited access (or other major) highway. Highlight all municipalities on approach routes on these maps. Submit a site plan showing the location of all existing or proposed driveways to the facility.
2. Identify daily and hourly traffic volumes that will result along each approach route, hourly and daily, from construction and operation of the facility. Identify the traffic volumes by the number, direction (to or from the site), type (use AASHTO vehicle designations), size, weight and distribution of vehicles used for construction and operation of the facility. Project the same data out for each of the next ten years.
3. Identify locations on approach routes where bridge and/or roadway conditions (e.g., weight limits, vertical clearance restrictions, one-lane or narrow bridges, insufficient lane widths, or roadway surfaces) may require repair or improvement to accommodate traffic related to the proposed facility. Describe necessary improvements.
4. Identify sections of roadway along the approach routes that are congested (e.g., that experience traffic backups or queuing), or are expected to be congested within the next ten years. Identify the impact that the additional facility traffic will have on traffic flow, and describe measures to mitigate related congestion.
5. Identify, by location, land uses along the approach routes, such as residential, commercial, industrial and agricultural, and identify residences fronting the roadways (50 feet setback or less), schools, hospitals, nursing homes and other significant buildings. Describe potential adverse impacts of increased facility traffic volumes and recommend countermeasures.
6. Identify locations on approach routes where intersection turning radii are insufficient to allow turns to be made within the physical boundaries of the roadway pavement and without encroaching on opposing travel lanes. Describe necessary improvements.
7. Identify locations on approach routes where horizontal alignment, lane width, and other factors would result in encroachment onto sidewalk areas, or opposing/adjacent travel lanes, or onto shoulder areas. Identify locations of shoulder drop-offs, and of potential shoulder deterioration caused by the volume of traffic from the facility. Describe proposed solutions.
8. Identify locations on approach routes where shoulders or a roadside clear zone are not present and a combination of factors such as curvature, lane width, etc. would result in off-tracking or run-off-the-road concerns. Describe necessary improvements.
9. Identify locations on approach routes where long steep grades, hazardous grade speed limits, truck pull off areas or truck escape ramps exist.
10. Identify locations on approach routes where substantial lengths of grade, without climbing lanes or passing lanes, would impede truck speed. Describe countermeasures.
11. Identify locations on approach routes which may present under clearance problems. Describe countermeasures.
12. Identify locations on approach routes where sight distance or turning, acceleration or deceleration lane lengths are inadequate for the type, size and weight of vehicles that will be generated by the proposed facility. Describe mitigation measures.
13. Identify other safety-related considerations relative to waste facility traffic on approach routes. Assess impacts on school bus traffic. Describe countermeasures.
14. Does the applicant have a Highway Occupancy Permit for this facility issued by PennDOT or by the local municipality? If yes, please attach the permit and any conditions. If no, please explain.
15. Has a traffic impact study previously been completed for this project? If yes, attach the study.
16. Identify potential adverse environmental impacts to parks, playgrounds, recreation areas, forests, picnic areas, natural landmarks, wild areas, rivers, wetlands, public water supplies, historic sites, or other areas, that may result from traffic to and from the proposed facility. Take into account exhaust fumes, odors, noise, and other environmental factors. Describe measures to be taken to minimize or mitigate potential adverse impacts which you identify.

K. Zoning and Land Use

1. Does the county where this project is located or proposed have a comprehensive local land use plan?
2. Does the municipality where this project is located or proposed have a comprehensive local land use plan?
3. Does the county or municipality where your project is located have a zoning ordinance?
  - a. Provide a copy of the local zoning ordinance and land use plans adopted by the county or local government.
  - b. Identify possible conflicts the new facility will have with local zoning ordinances and land use plans
  - c. Submit copy of the expanded notice sent to county and local government asking information if the permit application conflicts with their zoning ordinances and land use plans.
  - d. Identify measures that have or will be taken to obtain municipal approval.
  - e. If municipal approval is already secured, provide copies of such land-use approvals.
4. Is the project located on preserved farmland that is restricted to agricultural use by (a) an agricultural conservation easement under the authority of the Act of June 30, 1981 (P.L. 128, No. 43), as amended, known as the Agricultural Area Security Law, 3 Pa. C.S.A. §901 et seq. or (b) deed restrictions that have been imposed under the authority of the Act of January 19, 1967 (P.L. 992, No. 442) as amended, known as the Open Space Law, 53 P.S. §5001 et seq. and that have been recorded in the appropriate county land records office (c) easements owned by any other “qualified conservation organization,” as that term is defined at Section 170(h)(3) of the Internal Revenue Code? If yes, identify the location and acreage of preserved farmland and an explanation on how the facility can be located on this area and still be in compliance with the conservation easement. If the project is located adjacent to preserved farmland: identify the location and acreage of preserved farmland, the location of the project and the potential impact the project may have on the preserved farmland.
5. Is the project located on farmland in agricultural security areas that have been approved by local government units after public review and comment according to the procedure in the act of June 30, 1981 (P.L. 128, No. 43), as amended, known as the Agricultural Area Security Law, 3 Pa. C.S.A. §901 et seq.? If yes, identify the location and acreage of farmland in agricultural security areas and the location of the project. Secure and attach comments and recommendations from the township Agricultural Security Area advisory committee.
6. Is the project located on farmland that is enrolled for preferential tax assessments as land in “agricultural use” under the Act of December 19, 1974 (P.L. 973, No. 319), as amended, known as the Pennsylvania Farmland and Forest Land Assessment Act of 1974, 72 P.S. §5490.1 et seq. Or as “farmland” under the Act of January 13, 1966 (1965 P.L. 1292, No. 515), as amended, known as “An act enabling certain counties of the Commonwealth to covenant with land owners for preservation of land in farm, forest, water supply, or open space uses.” If yes, identify the location and acreage of farmland enrolled for preferential tax assessments and the location of the project.
7. Is the project located on farmland planned for agricultural use, subject to agricultural use and subject to agricultural zoning under the authority of the Act of July 31, 1968 (P.L. 805, No. 247), as amended, known as the Pennsylvania Municipalities Planning Code, 53 P.S. §10101 et seq.? If yes, identify the location and acreage of this farmland and the location of the project. Include comments and recommendations from the county planning commission and/or the local planning commission.
8. Is the project located on active farmland? If yes, does the active farmland include land capability classes designated as I, II, III, IV or unique? If yes, identify possible alternatives to avoid these classes of soils and measures taken to minimize impacts. Attach recommendations from the local Cooperative Extension Service or the county Natural Resources Conservation Service.
9. If the project is not located on active farmland, will the project affect land identified as prime farmland, farmland of state-wide importance, or farmland of local importance? If yes, attach comments and recommendations from the Natural Resources Conservation Service.

L. Planning

1. Will disposal of the waste at this facility be inconsistent with municipal, county, regional or state solid waste plans or laws in the area where the waste is generated?
2. For municipal waste disposal and processing facilities, list the approved municipal, county, regional or state solid waste plans or laws that will be implemented by the proposed facility. Provide the name and telephone number of a contact person from the agency that approved the plan as well as relevant documentation for each plan. List the waste streams that are affected by the planning laws in place where the waste is generated.

M. Air Quality Impact

1. Describe briefly the impacts on ambient air quality. This includes the emissions of volatile organic compounds, toxic air compounds, fugitive particulate emissions and other air pollutants.
2. Based upon site specific meteorological data describe the prevailing wind direction and speed and describe potential adverse air impacts to the surrounding community.
3. Describe the control measures to be taken to mitigate or minimize the potential adverse air impacts which you identify.
4. Does this facility have an existing air program? If yes, please attach.
5. Has an air plan approval application been submitted for this project? If yes, identify when and where this application was submitted.

N. Benefits and Harms: Environmental, Social and Economic

Complete this section for municipal waste landfills, construction/demolition waste landfills, municipal waste resource recovery facilities, noncaptive residual waste landfills, noncaptive residual waste disposal impoundments and residual waste incinerators and other facilities where a known and/or potential environmental harm exists after mitigation.

1. Environmental benefits of the project, both on-site and off-site.
2. Benefits to local businesses.
3. Benefits to local economy.
4. Benefits of local employment.
5. Benefits to local residents and local government.
6. Benefits from host agreements.
7. Benefits based on demographics.
8. Harms and potential harms to property values.
9. Harms and potential harms to aesthetics/community character of the surrounding community.
10. Harms and potential harms to the health and safety of the surrounding population.
11. Impacts on environmental justice communities.
12. Harms and potential harms associated with uncompensated losses to local government (i.e. road maintenance).
13. Harms and potential harms associated with the quality of life within the local area.
14. Harms and potential harms on the local economy.
15. Harms and potential harms on the quality of the surrounding environment.

	<b>MW:</b>		<b>RW:</b>
MW Landfill		Noncaptive landfill	
CD Landfill		Disposal impoundment	
RRF		Incinerator	
	or		or
Other if K or P env. Harms remain despite mitigation		Other if K or P env. Harm remains despite mitigation	

## REFERENCE SOURCES

**Note:** Provided below are reference agencies. These are not to be construed as inclusive of all available information sources. These are the primary contacts for obtaining information. Other sources may include published reports, independent studies, colleges and universities, and other state and federal agencies.

### Department of Environmental Protection

Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401-4915  
Phone (484) 250-5960

Department of Environmental Protection  
Division of Wetlands, Encroachment and Training  
P.O. Box 8460  
Harrisburg, PA 17105-8460  
Phone (717) 787-6827

Northeast Regional Office  
2 Public Square  
Wilkes-Barre, PA 18701-1915  
Phone (570) 826-2516

Department of Environmental Protection  
Bureau of Waterways Engineering and Wetlands  
P.O. Box 8460  
Harrisburg, PA 17105-8460  
Phone (717)787-3411

Southcentral Regional Office  
909 Elmerton Avenue  
Harrisburg, PA 17110  
Phone (717) 705-4706

Northcentral Regional Office  
208 W. 3rd St., Suite 101  
Williamsport, PA 17701  
Phone (570) 327-3653

Southwest Regional Office  
400 Waterfront Drive  
Pittsburgh, PA 15222  
Phone (412) 442-4000

Northwest Regional Office  
230 Chestnut Street  
Meadville, PA 16335  
Phone (814) 332-6848

Fish and Boat Commission  
1601 Elmerton Avenue  
P.O. Box 67000  
Harrisburg, PA 17106-7000  
Phone (717) 705-7800

Game Commission  
2001 Elmerton Avenue  
Harrisburg, PA 17110-9797  
Phone (717) 787-6286

Historical and Museum Commission  
State Museum Bldg.  
300 North Street  
Harrisburg, PA 17108-1026  
Phone (717) 787-3362

Department of Conservation and Natural Resources  
Bureau of Recreation and Conservation  
P.O. Box 8475  
Harrisburg, PA 17105-8475  
Phone (717) 783-2658

Department of Conservation and Natural Resources  
Bureau of Topographic and Geologic Survey  
Geologic Mapping and Laboratory Services  
P.O. Box 8453  
Harrisburg, PA 17105-8453  
Phone (717) 702-2034

U.S. Geological Survey  
840 Market Street  
Lemoyne, PA 17043-1586  
Phone (717) 730-6900

Department of Conservation and Natural Resources  
Bureau of State Parks  
P.O. Box 8551  
Harrisburg, PA 17101-8551  
Phone (717) 783-4356

Department of Conservation and Natural Resources  
Bureau of Forestry  
P.O. Box 8552  
Harrisburg, PA 17105-8552  
Phone (717) 787-2105  
PNDI Phone (717) 787-3444

Department of Environmental Protection  
Bureau of Mining Programs  
P.O. Box 8461  
Harrisburg, PA 17105-8461  
Phone (717) 787-5103

Department of Transportation  
Bureau of Highway Safety and Traffic Engineering  
Commonwealth Keystone Bldg., 6th Floor  
P.O. Box 2047  
Harrisburg, PA 17105-2047  
Phone (717) 787-9787

Department of Transportation  
Bureau of Aviation  
Commonwealth Keystone Bldg., 6th Floor  
P.O. Box 3457  
Harrisburg, PA 17105-3475  
Phone (717) 705-1260

Federal Aviation Administration  
Harrisburg Airport's District Office, HARADO  
3905 Hartzdale Drive, Suite 508  
Camp Hill, PA 17011-7837  
Phone (717) 730-2830

Department of Environmental Protection  
Bureau of Air Quality  
P.O. Box 8468  
Harrisburg, PA 17105-8468  
Phone (717) 787-9256

## **Form E – Contractual Consent of Landowner**

---



Date Prepared/Revised
<b>DEP USE ONLY</b>
Date Received

## FORM E CONTRACTUAL CONSENT OF LANDOWNER

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form E, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

Check Type(s) of Facility/Activity

- Hazardous
- Municipal
- Residual

General References: 25 Pa. Code, Section 271.123, 287.123.

**Instructions:** This form should be completed by *each* owner owning a parcel of land within the permit area. The parcel relative to *this* form and the outline of the entire proposed permit area should be identified on the map, to be attached.

### SECTION A. SITE IDENTIFIER

Applicant/permittee: The Municipal Authority of the City of Sunbury

Site Name: Sunbury Municipal Authority Solid Waste Department Transfer Station

Facility ID (as issued by DEP): 101323

### SECTION B. SECOND PARTY APPLICATIONS

Complete this part if person/municipality operates the facility on the land which is owned by someone else.

(I)(We), the undersigned, being the landowner(s) of \_\_\_\_\_ acres of land located in \_\_\_\_\_ County,

(Name and Type of Municipality)

(Name of County)

Pennsylvania, as described in the deed(s) recorded in the Record of Deeds Office at Deed Book(s) and page(s) \_\_\_\_\_, and shown by crosshatched lines on the map is signed in the

(Deed Book and Page)

original by the landowner upon which \_\_\_\_\_  
(Solid Waste Management Facility Applicant)

hereinafter ("waste management facility applicant"), proposes to engage in waste storage treatment, processing, disposal, or associated pollution abatement or pollution prevention activities, (hereinafter "waste management activities"), for which application for permit will be made to the Department of Environmental Protection (hereinafter "The Department") under The Pennsylvania Solid Waste Management Act, Act 97 of July 7, 1980 (P.L. 380, 34 P.S., §6018 *et seq.*, hereinafter "the Act"), and of which application this consent will be made a part, DO HEREBY ACKNOWLEDGE THAT THE SOLID WASTE MANAGEMENT FACILITY APPLICANT AND HIS/HER AGENTS AND REPRESENTATIVES HAVE THE RIGHT TO ENTER UPON AND USE THE LAND FOR THE PURPOSES OF CONDUCTING WASTE MANAGEMENT ACTIVITIES. The right the landowner grants herein \_\_\_\_\_ the subject of pending civil litigation.

(is/is not)

Furthermore, (I)(We), the undersigned, do here by irrevocably grant to the Commonwealth of Pennsylvania or any of its authorized agents, or employees, and grant to solid waste management facility applicant the right to enter upon the aforesaid land before the initiation of the solid waste management activities or operations, for the duration of the solid waste management activities or operations, and for a period of up to ten (10) years after final closure certification, for the purposes of inspection, monitoring, and maintenance and for the purpose of conducting such pollution abatement or pollution prevention activities required by the Act, or deemed necessary by the Department to carry out any purpose of the Act, the regulations promulgated thereunder and the terms of the permit as the Department deems necessary. (I)(We) do hereby grant in addition to the Commonwealth, for the aforesaid period of time, a right of entry across any adjoining or contiguous lands owned by (us)(me) in order to have access to the land described herein. It is specifically agreed and understood that this Contractual Consent gives the Commonwealth the right to enter, inspect the premises, and abate or prevent pollution as a matter within the police power but does not obligate the Commonwealth to do so, does not constitute any ownership interest by the Commonwealth in the aforesaid land, and does not affect or limit any rights available to the Commonwealth under applicable law.

THE LANDOWNER \_\_\_\_\_ TO ALLOW THE ABOVE-NAMED SOLID WASTE MANAGEMENT APPLICANT  
(Agrees or Does Not Agree)

TO TRANSFER OR ASSIGN, BY WRITTEN AGREEMENT, THIS CONTRACTUAL CONSENT TO ANOTHER SOLID WASTE MANAGEMENT FACILITY APPLICANT.

**SECTION B. SECOND PARTY APPLICATIONS (continued)**

This Consent shall terminate and become null and void if the solid waste management facility applicant does not apply to the Department of Environmental Protection for a permit to conduct solid waste management activities on the aforesaid land within \_\_\_\_\_ year(s) from the date of this Consent.

(Number of years)

Nothing in this Consent shall preclude or limit the landowner's authority to terminate the right or privilege of the solid waste management facility applicant to conduct waste management activities on the aforesaid land. In the event of said termination, the landowner shall allow the solid waste management facility applicant ample time to bring to closure all waste management activities. When necessary, the landowner shall allow the solid waste management facility applicant access to the land to carry out pollution prevention or pollution abatement activities as required by the Act or deemed necessary by the Department to carry out any purpose of the Act.

This Contractual Consent shall be deemed to be a recordable document. Prior to the initiation of solid waste management facility operations under the permit, this Consent shall be recorded by \_\_\_\_\_  
(Solid Waste Management Facility Applicant)

and entered into the deed book (d.b.v.) index at the office of the recorder of deeds in the county(ies) in which the solid waste management facility is to be located.

**SECTION C. SINGLE PARTY APPLICATIONS**

Complete this part if person/municipality operates the facility on his/her/its own land.

(I)(We), the undersigned, being the landowner(s) of 24.46 acres of land located in

City of Sunbury

(Name and Type of Municipality)

Northumberland

(Name of County)

Pennsylvania, as described in the deed(s) recorded in the Record of Deeds Office at Deed Book(s) and page(s)

345-148, 863-73

(Deed Book and Page)

and shown by crosshatched lines on the map attached hereto which is signed in the original by the landowner upon which waste storage, treatment, processing, beneficial use, disposal, or associate pollution abatement or pollution prevention activities, (hereinafter "waste management activities"), will be engaged in under the Pennsylvania Solid Waste Management Act, Act of July 7, 1980 (P.L. 380, 34 P.S., §6018 *et seq.*, hereinafter "the Act"), and of which application this consent will be made a part, hereby irrevocably grant to the Commonwealth of Pennsylvania or any of its authorized agents or employees, the right to enter upon the aforesaid land. The right of entry applies before the initiation of the solid waste management activities or operations, for the duration of the solid waste management activities or operations at the facility, and for a period of up to 10 years after final closure certification, for the purpose of inspection, monitoring and maintenance and for the purpose of conducting such pollution abatement or pollution prevention activities required by the Act, or deemed necessary by the Department to carry out any purpose of the act, the regulations promulgated thereunder and the terms of the permit as the Department deems necessary.

(I)(We) do hereby grant in addition to the Commonwealth, for the aforesaid period of time, a right of entry across any adjoining or contiguous lands owned by (us)(me) in order to have access to the land described herein. It is specifically agreed and understood that this contractual consent gives the Commonwealth the right to enter, inspect the premises, and abate or prevent pollution as a matter within the police power but does not obligate the Commonwealth to do so, does not constitute any ownership interest by the Commonwealth in the aforesaid land, and does not affect or limit any rights available to the Commonwealth under applicable law.

This Consent shall terminate and become null and void if the solid waste management facility applicant does not apply to the Department of Environmental Protection for a permit to conduct solid waste management activities on the aforesaid land within 10 year(s) from the date of this Consent.

(Number of years)

This Contractual Consent shall be deemed to be a recordable document. Prior to the initiation of solid waste management facility operations under the permit, this Consent shall be recorded by The Municipal Authority of the City of Sunbury  
(Landowner)

and entered into the deed book (d.b.v.) index at the office of the recorder of deeds in the county(ies) in which the solid waste management facility is to be located.

**SECTION D. CERTIFICATION**

In witness whereof and intending to legally bind (myself) (ourselves), (my) (our) heirs, legal representatives, successors and assigns, (I) (we) have hereunto set (my) (our) hand(s) and seal this \_\_\_\_\_ day \_\_\_\_\_ of \_\_\_\_\_, 20\_\_\_\_\_.

If the Landowner is an individual:

\_\_\_\_\_  
(Signature of Landowner)

\_\_\_\_\_  
(Printed or Typed Name of Landowner)

ATTEST:

\_\_\_\_\_  
(Signature of Witness)

\_\_\_\_\_  
(Signature of Witness)

\_\_\_\_\_  
(Printed or Typed Name of Witness)

\_\_\_\_\_  
(Printed or Typed Name of Witness)

If the Landowner is a Corporation, Company, Limited Liability Company (LLC) or Partnership:

*Municipal Authority*

ATTEST:

*[Signature]*  
\_\_\_\_\_  
(Signature of President, Vice President, Manager or Partner)

*[Signature]*  
\_\_\_\_\_  
(Signature of Secretary, Treasurer, Member or Partner)

*JASON A. NEIDIC*  
\_\_\_\_\_  
(Printed or Typed Name)

*Norman L. Koch*  
\_\_\_\_\_  
(Printed or Typed Name)

*General Manager*  
\_\_\_\_\_  
(Title)

*Secretary Treasurer*  
\_\_\_\_\_  
(Title)

Affix Corporate Seal:

**SECTION E.**

**ACKNOWLEDGEMENT OF INDIVIDUALS OR PARTNERS**

STATE OF \_\_\_\_\_ :  
: SS  
COUNTY OF \_\_\_\_\_ :

On \_\_\_\_\_, before me, the undersigned Notary, personally appeared  
(Date)

\_\_\_\_\_, known to me (or satisfactorily proven) to be the  
(Name(s))  
person whose name is subscribed to this instrument, and who acknowledged that \_\_\_\_\_ executed the same and  
(He, She or They)  
desires it to be recorded.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

SEAL) \_\_\_\_\_ My Commission Expires: \_\_\_\_\_  
(Notary Public) (Date)

**ACKNOWLEDGEMENT OF CORPORATIONS, COMPANIES, OR LLCs**

STATE OF Pennsylvania :  
: SS  
COUNTY OF Northumberland :

Commonwealth of Pennsylvania - Notary Seal  
Emily Reis, Notary Public  
Northumberland County  
My commission expires March 17, 2023  
Commission number 1261159  
Member, Pennsylvania Association of Notaries

On July 8, 2020, before me, the undersigned Notary, personally appeared  
(Date)

Jason A. Weidig, who acknowledged (herself) (himself) to be the  
(Name(s))

General Manager of the Municipal Authority of the City of  
(Title of Person) (Name of Corporation, Company, or LLC) Sunbury

and that s(he), as such officer, being authorized to do so, executed the foregoing instrument on behalf of the said corporation, company, or LLC and desires that this instrument be recorded.

IN WITNESS WHEREOF, I have hereunder set my hand and official seal.

(SEAL) Emily Reis My Commission Expires: March 17, 2023  
Notary Public (Date)

This instrument has been recorded in \_\_\_\_\_ County, Pennsylvania, this \_\_\_\_\_ day \_\_\_\_\_,  
at Book \_\_\_\_\_, Page(s) \_\_\_\_\_.

\_\_\_\_\_  
(Signed + Print Name) (Sealed)

## **Form G (A) – Air Resource Protection**

---



Date Prepared/Revised 9/14/2020
<b>DEP USE ONLY</b>
Date Received

**FORM G (A)**  
**AIR RESOURCES PROTECTION DUST EMISSIONS ESTIMATE AND CONTROL PLAN**

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form G(A), reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Pa Code 121.7, 123.1(c), 123.2, 131.2, 131.3, 273.217, 277.217, 279.218, 281.217, 288.217, 289.227, 293.218, 295.217, 297.218

CHECK TYPE OF FACILITY and whether  NEW or  EXISTING / EXPANSION Facility

Municipal (  ) / Residual (  ) Waste Landfill

Construction/Demolition Waste Landfill..... If existing: Permit # 101323

Composting Facility .....

Demonstration Facility ..... Proposed Waste through put in tons/day \_\_\_\_\_

Incinerator or Resource Recovery Facility ..... Proposed operating schedule:

Oil and Gas Wastewater Storage Impoundment..... Proposed operating schedule:

Other Municipal (  ) / Residual (  ) Waste Processing Facility 365 days/yr Mon.-Fri.: 12am to 12am  
(OD)

Facility (Describe) Tranfer Sat.-Sun.: 12am to 12am  
Station

Total: \_\_\_\_\_ 8,760 (hr./yr.)  
(OH)

**INSTRUCTIONS/APPLICABILITY:** The purpose of this form is to obtain information necessary to determine whether the proposed facility will be operated in such a manner as to prevent particulate matter emitted from the facility from causing air pollution or causing an exceedance of ambient standards and to determine if dust prevention measures comply with applicable operational standards.

**I. Unpaved/Paved Road Particulate Emissions Potential**

Vehicle Type	Vehicle Wt. Unloaded (ton)	Vehicle Wt. Loaded (ton)	No. of Wheels	Unpaved (lb./VMT)		Paved (lb./VMT)	
				E <sub>in</sub>	E <sub>out</sub>	E <sub>in</sub>	E <sub>out</sub>
Transfer	10	20	6	0	0	0.019	0.030
Trailer							
High Capacity							
Front Loader							
Light Weight	2	3	4	0	0	0.0061	0.0081
Rear Loader							
Dump Trucks							
In Plant Trucks							

$$\text{Unpaved Road : } E_{in/out} = 5.9K \left( \frac{s}{12} \right) \left( \frac{S_{in/out}}{30} \right) \left( \frac{W_{in/out}}{3} \right)^{0.7} \left( \frac{w}{4} \right)^{0.5} \left( \frac{365 - P}{365} \right) \text{ lb./VMT}$$

$$\text{Paved Road : } E_{in/out} = .077I \left( \frac{4}{n} \right) \left( \frac{s}{10} \right) \left( \frac{L}{1000} \right) \left( \frac{W_{in/out}}{3} \right)^{0.7} \text{ lb./VMT}$$

Where:

- E<sub>in</sub> = Emission factor loaded trucks in (lb./VMT)
- E<sub>out</sub> = Emission factor unloaded trucks out (lb./VMT)
- K = Particle size multiplier - 1 (total); 0.8 (TSP); 0.36 (PM-10)
- VMT = Vehicle mile traveled

Surface Material:

- s = Mean silt content
  - Gravel = 5%
  - Limestone = 10%
  - Dirt = 28%
  - Other = 10% (Explain) \_\_\_\_\_

S<sub>in</sub> = Mean vehicle speed in (N/A MPH); S<sub>out</sub> = Mean vehicle speed out (N/A MPH)

W = Number of wheels

W<sub>in</sub> = Vehicle weight loaded (tons); W<sub>out</sub> = vehicle weight unloaded (tons)

P = Number of days/yr with at least .01 inches of precipitation per day = N/A days

n = number of paved traffic lanes

I = Industrial augmentation factor = 
 7.0 (paved to unpaved)  
 3.5 (unpaved shoulders)  
 Other (explain) N/A

L = Surface dust loading (lb./mile) = 53 lb./mile

UPR = Total length of unpaved roads 0 ft. or N/A. \_\_\_\_\_ miles

PR = Total length of paved roads 680 ft. or \_\_\_\_\_ .013 miles



**II. Construction/Operation Particulate Emissions Potential**

Note: General emission factors are given in the following calculations. Should site specific factors be used, please provide reference.

A. Total potential dust emissions from topsoil removal/daily cover:  
 $6 \times 10^{-5}$  (tons of dust emissions/tons of topsoil removed or covered) X  
 [(tons topsoil removed/yr)<sub>avg.</sub> + (tons topsoil daily cover/yr)<sub>avg.</sub>]

N/A \_\_\_\_\_ = \_\_\_\_\_ t/yr

B. Total potential dust emissions from dozers onsite:  
 $1.6 \times 10^{-2}$  (tons of dust emissions/dozer hr) X [(#dozers)<sub>avg.</sub> X  
 (hr/day dozer opr)<sub>avg.</sub> X OD]

N/A \_\_\_\_\_ = \_\_\_\_\_ t/yr

C. Overburden drilling potential dust emissions:  
 $7.5 \times 10^{-4}$  (tons of dust emissions/hole drilled) X (holes drilled/yr)<sub>avg.</sub>

N/A \_\_\_\_\_ = \_\_\_\_\_ t/yr

D. Blasting potential dust emissions:  
 $6 \times 10^{-4}$  (tons of dust emissions/tons of overburden removed) X  
 (tons/yr of overburden removed)<sub>avg.</sub>

N/A \_\_\_\_\_ = \_\_\_\_\_ t/yr

E. Overburden removal potential dust emissions:  
 $1.85 \times 10^{-5}$  (tons of dust emissions/tons of overburden removed) X  
 (tons/yr of overburden removed)<sub>avg.</sub>

N/A \_\_\_\_\_ = \_\_\_\_\_ t/yr

F. Overburden truck dumping potential dust emissions:  
 $4.0 \times 10^{-6}$  (tons of dust emissions/tons of overburden dumped) X  
 (tons/yr of overburden dumped)<sub>avg.</sub>

N/A \_\_\_\_\_ = \_\_\_\_\_ t/yr

G. Road maintenance potential dust emissions:  
 $1.6 \times 10^{-2}$  (tons of dust emissions/dozer hour opr.) X [(hr/day road maintenance)<sub>avg.</sub> X OD]

N/A \_\_\_\_\_ = \_\_\_\_\_ t/yr

H. Total: 0 \_\_\_\_\_ t/yr  
(H)

**III. Summary of Potential/Actual Total Dust, & PM-10 Emissions**

Total potential dust emissions = T + H =	<u>0.025+0=0.025</u> t/yr (M)
Total potential PM-10 emissions = 0.36 X M =	<u>0.009</u> t/yr (N)
Total actual dust emissions = 0.5 X M =	<u>0.0125</u> t/yr (O)
Total actual PM-10 dust emissions = 0.5 X N =	<u>0.0045</u> t/yr (P)

**IV. Stationary Sources Standards**

1. Will the proposed solid waste facility dust emissions be visible off the permit boundary?  

Yes       No
  
2. Are any stationary sources of air contamination other than landfill gas emissions [see Form G (B)] subject to the new source performance standards of 25 PA Code Chapter 122 planned for this proposed facility?  

Yes       No

Describe source(s) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

If "yes", what is the air quality application # \_\_\_\_\_

3. Will the proposed facility accept asbestos waste subject to national standard for hazardous air pollutants adopted under 25 PA. Code Chapter 124?  

Yes       No

If yes, describe compliance with Chapter 124.

4. Is the proposed facility subject to any other national standard for hazardous air pollutants?  

Yes       No

Identify pollutant(s) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**V. Entrance Roads, Access Roads, and Parking Areas**

Describe plans for monitoring, maintaining and cleaning all entrance roads, access roads, and parking areas. This plan must effectively control the dust and particulate emissions calculated in Parts I-III above. The use of waste oil for dust suppression is prohibited.

- a. For each paved parking lot/area, paved facility haul road, the required paved access roadways from public highway to the facility, and public highways, describe the method and frequency of road cleaning and/or maintenance.

Once a week (Weather Pending) - The City of Sunbury uses a street sweeper. And/or as needed the Authority owns a broom attachment that attaches to their Bobcat.

- b. For the shoulders of: paved parking lot/areas; paved facility haul roads; the required paved access roadways from public highways to the facility; and public highways, describe the extent of application and frequency of water or other chemical dust suppressants to reduce fugitive dusts. Application of dust suppressants or water on public highway shoulders must be completed for a distance of 500 feet in both directions from the facility. Identify any road maintenance agreements with the local municipality or PennDOT.

None

- c. For unpaved parking lot areas, and unpaved access roads near unloading areas, describe the application and frequency of use of water or other chemical dust suppressants to reduce fugitive dust emissions.

Crushed aggregate base near unloading has not required dust suppressants

- d. Describe how vehicles which transport waste or earth into the facility, will be cleaned before exiting the site.

Trucks are washed regularly to remove mud from building up on roadway.

- e. State the roadway speed limit for the proposed facility, and include the locations and size specifications of speed limit signs. 15 MPH

- f. Will all trucks entering and leaving the facility be covered?  Yes  No

If no, explain why a cover is not needed to prevent fugitive dust emissions from becoming airborne.

**VI. Records Keeping**

Describe the records to be kept at the site to insure that the plan discussed in Item IV (2) above is being implemented. These records must include, at a minimum, the following:

- a. for paved roads and parking areas:
  - i. daily log of time and location of any vacuum sweeping conducted,
  - ii. log explaining the reasons any required vacuum sweeping was not performed.
- b. for unpaved roads and shoulders of paved roads:
  - i. daily log of time and location of treated areas,
  - ii. identification of dust suppressants,
  - iii. daily log of the dilution ratios of the dust suppressants and diluent used if chemical suppressants are used, and
  - iv. purchase records of the chemical suppressants, if used.
- c. Quarterly reports of the above records must be submitted to this Department upon request.

## **Form O – Transfer Facilities**

---



Date Prepared/Revised
<b>DEP USE ONLY</b>
Date Received

## FORM O TRANSFER FACILITIES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form O, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General References: Chapters 279 and 293

### SECTION A. SITE IDENTIFIER

Applicant/permittee: Municipal Authority of the City of Sunbury

Site Name: Sunbury Transfer Station

Facility ID (as issued by DEP): 101323

### SECTION B. OPERATING PLAN

1. Description of general operations of the facility:

The general operation of the Transfer Station involves the receipt of municipal waste from haulers and the general public. Waste will be placed on the tipping floor area, whereby apparent scrap metals and recyclables will be removed prior to waste being pushed into tractor trailers. Municipal Waste placed on the tipping floor will be handled in a timely manner in order to reduce exposure to the elements and minimize leachate.

The Sunbury Municipal Authority Transfer Station will use tare weights for commercial waste haulers. The initial tare weight of a vehicle is determined by randomly weighing each vehical several times when empty and using the average of these weights. Thereafter, commercial waste hauling vehicles will be periodically randomly weighed to verify tare weight.

We also operate a recycling drop-off center, in accordance with Act 101, onside of the collection of the following materials; Aluminum, Glass, Steel Cans, Newspaper, Corrugated Cardboard, Magazines, Plastics, Tires, and Appliances.

Tires are delivered to a DEP permitted facility

All household appliances are accepted with the exception of refrigered appliances that still contain CFC's and HFC's. These appliances are only accepted if they have been properly evacuated in accordance with federal regulations. A certification form must be signed prior to their acceptance.

2. Source(s) of Waste:

a. Waste Origin: Northumberland and neighboring counties

b. Composition: Municipal Waste

c. Weight or volume (cubic yards, tons): 300 tons max per day



15. Describe procedures for collection, disposal or treatment of rinse water and leachates produced at the site.  
(Leachate is disposed of by gravity, via a trench drain which is constructed from one end of the tipping floor to the other. The leachate is conveyed to the Sunbury Municipal Authority Wastewater Department via a 18" sewer line, The Wastewater Treatment Plant is located adjacent to the Transfer Station. Drains are inspected daily and cleaned as required.

### SECTION B. OPERATING PLAN (Continued)

16. Drawing indicating area for isolating detected radioactive waste.

17. Drawing indicating location of radioactive monitoring equipment.

### SECTION C. PLAN FOR ACCESS ROADS

1. Design, cross-sections. and specifications for access roads, including load limits.  
The access road to the transfer station is a paved asphalt roadway. Once entered into the main area of the transfer station operations, the area consists of heavy duty asphalt pavement, which is designed to meet performance requirements for heavy truck traffic, to include 40,000 lb gross weight vehicles, loaded 3-&4-axle dump trucks, and loaded 5-axle semi-trailer trucks (up to 75 per day). The outer loop road, which handles primarily recycling traffic, consists of a typical local pavement section.
2. Describe the access road plan, including designs, cross-sections and specifications.
  - a. Explain how the access roads will be designed, constructed and maintained to prevent runoff and erosion and sedimentation to streams.

The access road provides a looped access that minimizes reverse turning movements, and improves flows through the site. All of the roadway either sheet flows on-site toward a grass filter strip before being collected in the storm sewer, or runoff is immediately collected in the storm system located on the Sunbury Municipal Authority property, all of which is conveyed & treated in the SMA waste water treatment plant before being discharged into Shamokin Creek. To prevent excessive sediment and oil/grease conveyance to the treatment plant, a Snout BMP is installed in the most downstream section of

storm sewer before entering the SMA WWTP, providing an initial treatment to the runoff from the transfer station. Due to treatment at the WWTP, there has not been an increase in runoff or sedimentation to streams caused by the transfer station.

- b. Will streams or waterways be crossed?  Yes  No  
If yes, explain how the applicant will meet the requirements of Chapter 105.

### SECTION C. PLAN FOR ACCESS ROADS (Continued)

- c. Describe the drainage system for temporary and permanent roads to be located at the proposed facility.  
The drainage system for the roads includes a stormwater inlet collection system that is located throughout the paved roadways on the site. The roadways are graded to effectively drain the surface runoff to the inlets. Runoff is then collected and conveyed to the final collection point on site before draining to the adjacent SMA wastewater treatment plant. All stormwater will be treated as wastewater at the treatment plant, and then discharged at the controlled rate to Shamokin Creek. Additionally, several areas along the recycling loop road will first drain to a vegetated strip, which will allow sediments and oils/grease to be first filtered through the vegetated area before being collected in the storm system.
- d. Surfacing or paving of access roads.  
 asphalt  
 gravel  
 cinders  
 other equivalent material (explain) \_\_\_\_\_
- Will the grade of any access road be greater than 12%?  Yes  No  
If yes, explain
- e. Explain the locations, widths and methods of maintenance for **all** access roads to be located on the proposed permitted facility and property. Our facility is located at the Southern end of Town. Our access roads are approximately 15' wide and are maintained by the City's street crew.

### SECTION D. ACCESS CONTROL

- Describe the gate or other barrier to be constructed and maintained at potential vehicular access points to block unauthorized access to the site. Include the heights, dimensions, and construction materials. Our facility is surrounded by 6' high chain link fencing and barbed wire. There are two entrance gates to our facility. One is 20' wide and the other is 30' wide.
- Describe the fence or other suitable barrier to be constructed and maintained around the facility to prevent unauthorized access. Include the heights, dimensions, and construction materials. See #1 Our facility is surrounded by a 6' high chain link fence with barbed wire being strung around the top.
- Describe the site security provisions. The area is equipped with dusk to dawn lighting and state of the art surveillance equipment.

**SECTION E. SOIL PLAN**

1. Plan to manage surface water and control erosion during phases of construction and operation of the permit area. Calculations shall be based on 25 year, 24-hour precipitation events.
2. Plan should include dimensions of diversion ditches (length, gradient, cross section for configuration by reach) and capacities of ditch volume by reach. Design calculations should be included.
3. Plan for collection, disposal or treatment of rinse water and leachate.

**SECTION F. SOIL AND GROUNDWATER MONITORING PLAN (If required by the Department)**

**SECTION G. NUISANCE CONTROL PLAN**

Plan to prevent and control hazards or nuisance from vectors, odors, noise, dust, and other nuisances not otherwise provided for in the permit application. Plan must provide for routine assessment of vector infestation and for countermeasures to be taken. Plan may include a control program involving a contract for an exterminator.

**SECTION H. LITTER CONTROL PLAN**

Describe the litter control plan and explain how the operator will prevent litter from blowing or becoming deposited off-site

- a. Explain the types, locations and maintenance procedures for litter fences to be used at the proposed facility. Our Transfer Station and Recycling facilities are located on a 3.9 acre of land with a 6' high fence around the entire perimeter. Staff immediately move waste into collection trailers after being desposited on the tipping area. Staff continually monitor the grounds for loose debris.

- b. Explain the frequency of litter pick-up and disposal.  
Daily -(Continuously throughout the day)



## **Form 5 – Map Requirements**

---



Date Prepared/Revised
<b>DEP USE ONLY</b>
Date Received

## FORM 5 MAP REQUIREMENTS TRANSFER FACILITIES/COMPOSTING FACILITIES/ RESOURCE RECOVERY AND OTHER PROCESSING FACILITIES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 5, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General References: Section 279.103/281.112/283.103

Instructions: Provide the following maps in scales and contours indicated. Before each item listed below, identify the specific map or plan where the information requested can be found.

Drawings shall meet the following requirements or contain:

- a. The maximum drawing size of 30" x 36".
- b. The north arrow designated as magnetic or true.
- c. Grid system tied to north arrow and on-site survey monuments.
- d. A legend of symbols.
- e. Horizontal and vertical scale.
- f. Consecutively numbered drawings.
- g. Seal and signature of PA registered Professional Engineer on cover sheet of drawings.

Application is for:

- 1. Transfer Facility (T)
- 2. Composting Facility (C)
- 3. Resource and Recovery and Other Processing Facilities (P)

Letters before an item (T, C, P) designate that the specific map requirement is not required for this type of facility.

Maps, plans, and cross-sections shall have a scale of 1 inch equals no more than 50 feet with 2-foot maximum contour intervals.

### SECTION A. SITE IDENTIFIER

Applicant/permittee      The Municipal Authority of the City of Sunbury

Site Name      Solid Waste Transfer Station

Facility ID (as issued by DEP)      101323

### SECTION B. TOPOGRAPHIC MAP

Topographic map of proposed permit area and adjacent area, including necessary narrative descriptions:

1. Boundaries and names of present owners of record of land (surface and subsurface), including easements, rights-of-way and other property interests for proposed permit area and adjacent area.
2. Boundaries of land within proposed permit area; description of title, deed, or usage restrictions.
3. Boundaries of land affected over estimated total life of proposed facility/operation.

**SECTION B. TOPOGRAPHIC MAP (continued)**

- 4. Surface water bodies:
  - a. Springs
  - b. Streams
  - c. Lakes
  - d. Ponds
  - e. Wetlands
  - f. Constructed or Natural Drains
  - g. Irrigation Ditches
- 5. Public and private water sources that are located on or within ¼ mile of the proposed facility.
- 6. Within 300 feet of proposed facility: rights-of way for high-tension power lines, pipelines, railroads, public and private roads; buildings currently in use.
- 7. Anticipated water quality monitoring points if monitoring is required by the Department.
- 8. Boundaries of land where (transfer facilities/composting facilities/resource recovery facilities and other processing facilities) are prohibited (see Sections 279.202, 281.202 and 283,202).
- 9. Municipalities of proposed permit area.
- 10. 100-yearfloodplain boundaries.
- 11. Access roads (include slopes, grades, lengths of roads),
- 12. Barriers, fences and similar facilities required for access control (see Sections 279.204, 281.213, 283.212).
- 13. Water diversion, collection, conveyance, erosion and sedimentation control, treatment, storage and discharge facilities.
- C 14. Solid waste storage or loading/unloading areas.
- 15. Areas which bond will be posted (Chapter 271, Subchapter D).
- 16. Buildings and related facilities used in operation:
  - Sections 281.112 and 283.103: include horizontal and vertical dimensions
- 17. Scales and weigh stations to be used in operation.
- T 18. Underground mine shafts.
- T, P 19. Composting pads, tipping areas, storage areas and windrows (including leachate or wastewater collection systems).
- T 20. Utilities installed at facility.
- 21. Area for isolating detected radioactive waste.
- 22. Location of radioactive monitoring equipment.

**SECTION C. SOILS MAP**

- P USDA Soil Conservation Service soils map, for aerial photographs where current soils maps are unavailable, showing site boundaries and soil types, for proposed permit area and adjacent area.

**SECTION D. BENCHMARK**

- C, P Location of permanent benchmark for horizontal and vertical control.

**SECTION E. GRID SYSTEM**

- T, P Grid coordinate systems for proposed permit area. Horizontal control system shall consist of grid not to exceed 200-foot square sections. Permanent benchmark for horizontal and vertical control shall be shown. Grid system shall be tied to benchmark and baseline.

## **Form 46 – Relationship Between Municipal Waste Management Plans and Permits**

---



Date Prepared

I.D. Number

**FORM 46**  
**RELATIONSHIP BETWEEN MUNICIPAL**  
**WASTE**  
**MANAGEMENT PLANS AND PERMITS**

**General References: 271.201, 273.1 39, 283.1 1 2, Section 507 of Act 101**

Instructions: Attach required information 8 1/2 x 11 inch sheets. Complete all items for municipal waste landfills and resource recovery facilities.

Provide a written narrative that describes the following:

1. To what extent do the county plan implementing documents submitted by the host county designate the facility to receive a specified volume of waste?
2. To what extent do other plan implementing documents designate the facility to receive a specified volume of waste?
3. If the facility is not provided for in the host county plan;
  - a. Does the proposed facility interfere with the implementation of the approved plan? Explain.
  - b. Does the proposed facility interfere with municipal waste collection, storage, transportation, processing, or disposal in the host county? Explain.
  - c. Does the environmental assessment, as described in 25 Pa. Code §271.127, demonstrate that the proposed location of the facility is at least as suitable as alternative locations?

In addition, the applicant must provide evidence that the governing body of the proposed host county has received written notice of the proposed facility from the applicant according to Section 504 of the Solid Waste Management Act.

**FORM 46****Narrative**

The Northumberland County Municipal Solid Waste Management Plan was last updated and revised in 2011. A copy of the Plan can be found at the County of Northumberland's website. <https://www.norrycopa.net/documents/recycling/MunicipalSolidWastePlan2012.pdf>

The Northumberland County Plan does not specify a volume of waste to be collected at the Sunbury Municipal Authority's transfer station. However, the transfer station is part of the overall Northumberland County's waste management plan for both waste collection and recycling. The proposed increase in waste handled at the Transfer Station should increase the ability for Northumberland County to handle its municipal waste.

## **Bonding Worksheet Instructions**

---

**BONDING WORKSHEETS  
FOR  
MUNICIPAL / RESIDUAL WASTE PROCESSING  
AND  
DISPOSAL FACILITIES**

**Revised August 30, 2001**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

## BONDING WORKSHEETS FOR MUNICIPAL/RESIDUAL WASTE PROCCESSING AND DISPOSAL FACILITIES

### Instructions

Prior to commencement of operations, the operator of a municipal or residual waste processing or disposal facility shall file with the Department a bond. As part of each application for a municipal or residual waste processing or disposal facility, it is required that you provide bond calculations to account for the costs that would be incurred if the Department had to close and maintain the facility until final closure status is reached. You would not have to submit an actual bond until the Department requests your bond. That gives the Department opportunity to review and comment on your cost estimates.

As a governmental agency, the Department would be required to use prevailing wage rates when taking steps to complete closure, post-closure, and final closure activities. Therefore, prevailing wage rates are to be used for the bond calculations.

The attached worksheets have been developed to account for all costs that may be associated with the closure, post-closure and monitoring of your facility. Any unique features not covered by the worksheets that would require closure or monitoring should also be included. You may add as many sheets as necessary to accurately estimate costs. Your cost estimates should reflect any increased costs (as necessary) to utilize contractors to perform functions that you may be able to do cheaper with your own personnel and equipment.

Select a likely "worst case" scenario where you would have a maximum amount of the facility open and in need of closure. Provide a description of the scenario with references to site development stages. It is also a requirement that these calculations be updated annually as part of the Annual Operations Report.

The bond calculation worksheets are generic in nature, but we expect you to include any unique features of your facility that would have to be closed if you were no longer able to close the facility. Only one bond may be carried for each permitted facility and the minimum bond is \$10,000.00. Refer to 25 Pa Code § 271, Subchapter D. It should be noted that the surety company issuing the bond must, at a minimum, be among those listed as acceptable sureties in Circular 570 of the U. S. Department of Treasury.

Bonding worksheets are provided for the following types of facilities/activities:

1. Landfills
2. Impoundments for disposal
3. Resource recovery facilities
4. Transfer facilities
5. Agricultural utilization of municipal waste other than sewage sludge or residual waste
6. Composting
7. Other processing facilities

Applicable worksheets must be completed for each component of the facility. Documentation of your assumptions and or work product may either be provided below each item on the worksheet or attached as an addendum. Multiple sheets should be used as necessary.

Most of the costs may be obtained from contractors, liner manufacturers, cleanup contractors, labs and consulting engineers. Reference guides are to be used for earthwork costs as well as any other construction costs that can be referenced in published construction cost literature. Permit applicants must document all costs (reference source of cost estimations). Copies of reference pages should be included with the submission.

## Monitoring

When calculating monitoring costs, the following minimum time periods should be used in the estimates:

1. Landfills (includes leachate management, storage or pretreatment, impoundments, gas monitoring, groundwater monitoring, etc.) – **30 years**
2. Disposal impoundments. – **30 years**
3. Processing facilities (includes composting, incineration, transfer, and other processing facilities) – **10 years**

## Inflation

The bond for your facility will be a financial instrument that the Department can access if you are no longer able to properly close and monitor the facility as some future time. Because of the time value of money, your final estimate will need to be adjusted for inflation. As we do not know when or if forfeiture of the bond will occur, the Department has adopted a three year adjustment for inflation.

First, determine the inflation rate for prior years. One way that this can be done is by averaging the annual Implicit Price Deflator for Gross National Product published by the U.S. Commerce Department for at least the three prior years. This estimated inflation for the next three years should be added to the total bond amount (the bond amount includes closure and post closure costs). A different source of inflation rates may be used with the Department's prior written approval.

The following is an example of an inflation adjustment calculation:

### CALCULATIONS FOR INFLATION

Example:

Source: Survey of Current Business; U.S. Department of  
 Commerce/Bureau of Economics  
 EPA Hotline: 800-424-9346  
 Fixed - Weighted Price Indexes for Gross  
 National Products, 1996 Weights

	<u>Annual</u>
<b>Base</b> 1996	100
1997	106.47
1998	112.39
1999	118.63
2000	126.36

$$\text{Example : } \frac{126.36 - 118.63}{118.63} + \frac{118.63 - 112.39}{112.39} + \frac{112.39 - 106.47}{106.47} = 0.18$$

Estimate inflation for past 3 years (1997 to 2000):

Rounding off to the nearest whole number, the bond should be calculated for 18%.

Price Indexes can also be obtained by calling the EPA Hotline.

## Contingency

Contingencies need to be addressed in the cost estimate to adjust for unforeseen circumstances such as storms, floods, price changes, strikes, and unproductive labor. As such, a contingency fee (see Table 1) must be added to the total bond amount. Table 1 lists contingency fee percentages that you need to use to adjust your bond estimates. The Department reserves the right to require additional contingency fees based on the complexity of the facility.

**TABLE 1: CONTINGENCY FEE RATE**

Bond	Contingency Fee
Cost < \$5 million	12.5%
\$5 million < Cost < \$10 million	10.0%
\$10 million < Cost < \$20 million	7.5%
Cost > \$20 million	5.0%

**Administrative Costs**

Also, an additional cost of either 5% or 10 % must be added to the total bond amount for administrative costs and cost overruns.

**Project Management Costs**

A cost of 5% must be added to the total bond amount to account for the use of a project manager to complete any facility closure.

**Conversion Factors and Densities**

This section contains conversion factors (Table 2) and densities (Table 3). You may use these to change the units of an item given in a facility’s application to the units required on the unit cost worksheets, or to change units between worksheets. The densities listed will help you to determine the appropriate density of a substance and should be consulted if you do not have site specific information for a specific substance. The following is an example using both a conversion factor and density.

Example: To convert 1 ton of soil to ft<sup>3</sup> of soil,

$$1 \text{ ton of soil} \times 2000 \frac{\text{lbs}}{\text{ton}} \div \text{density of soil in lb/ft}^3$$

**TABLE 2. CONVERSION FACTORS**

Quantity	Equivalent Values
<b>Volume</b>	1 m <sup>3</sup> = 1000 liters = 35.315 ft <sup>3</sup> = 264.17 gallons
	1 ft <sup>3</sup> = 7.481 gallons = 0.02832 m <sup>3</sup> = 28.317 liters
	1 gallon = 3.785 m <sup>3</sup> = 0.1337 ft <sup>3</sup> = 3.785 liters
	1 CY = 27 ft <sup>3</sup>
<b>Length</b>	1 m = 100 cm = 39.37 in = 3.28 ft = 1.094 yards
	= 6.219 x 10 <sup>-4</sup> miles
	1 ft = 12 in = 0.333 yards = 0.3048 m = 30.48 cm
<b>Area</b>	1 ft <sup>2</sup> = 0.111 yd <sup>2</sup> = 2.296 x 10 <sup>-5</sup> acres = 0.0929 m <sup>2</sup>
	1 yd <sup>2</sup> = 9 ft <sup>2</sup> = 2.066 x 10 <sup>-4</sup> acres = 0.836 m <sup>2</sup>
	1 acre = 4840 yd <sup>2</sup> = 43,560 ft <sup>2</sup> = 4046.8 m <sup>2</sup>
	1 m <sup>2</sup> = 10.764 ft <sup>2</sup> = 1.196 yd <sup>2</sup> = 2.471 x 10 <sup>-4</sup> acre
<b>Mass</b>	1 kg = 1000g = 0.001 metric ton = 2.20 lb = 35.2 oz
	= 1.10 x 10 <sup>-3</sup> tons
	1 lb = 16 oz = 5 x 10 <sup>-4</sup> ton = 453.59 g = 0.45359 kg
	1 ton = 2000 lb = 907.18 kg
	1 metric ton = 1000 kg = 1.10 tons

**TABLE 3. ESTIMATED DENSITIES OF VARIOUS MATERIALS**

<b>Material</b>	<b>Density</b>
Ashes	35 - 45 lb/ft <sup>3</sup> or 4.7 - 6.0 lb/gal
Demolition Rubble	90 - 120 lb/ft <sup>3</sup>
Liquids	46 – 110 lb/ft <sup>3</sup> or 6.2 – 15 lb/gal
Residue	60 – 80 lb/ft <sup>3</sup> or 8.0 – 11 lb/gal
Sludge	70 - 90 lb/ft <sup>3</sup> or 11 - 12 lb/gal
Soil	75 - 120 lb/ft <sup>3</sup>
Solids	60 - 160 lb/ft <sup>3</sup>
Water	62.4 lb/ft <sup>3</sup> or 8.35 lb/gal
Municipal Waste	2,000 lb./3 cu. yards

**Acronyms**

<b>AOR</b>	Annual Operation Report
<b>BWM</b>	Bureau of Waste Management, DEP
<b>C/D Waste</b>	Construction/Demolition Waste
<b>CY</b>	Cubic Yard
<b>DEP</b>	Department of Environmental Protection, Pa
<b>DMR</b>	Discharge Monitoring Report
<b>E&amp;S</b>	Erosion and Sedimentation
<b>FML</b>	Flexible Membrane Liner
<b>GMP</b>	Gas Monitoring Probe
<b>HDPE</b>	High Density Polyethylene
<b>L &amp; I</b>	Department of Labor and Industry, Pa
<b>LFG</b>	Landfill Gas
<b>MW</b>	Groundwater Monitoring Well
<b>MSW</b>	Municipal Solid Waste
<b>NSPS</b>	New Source Performance Standards
<b>O/M</b>	Operation & Maintenance
<b>QA/QC</b>	Quality Assistance/Quality Control
<b>RW</b>	Residual Waste
<b>SF</b>	Square Foot
<b>SWMA</b>	Solid Waste Management Act

---

## References

---

EPA, Handbook for Remedial Action at Waste Disposal Sites, Technology Transfer,  
EPA 625/6 - 82 - 006, June 1982.

EPA, Handbook for Evaluating Remedial Action Technology Plans,  
EPA - 600/2 - 83 - 076, August 1983.

EPA, Average and Maximum Engineering Cost Estimates for Closure, Pope - Reid  
Associates, Inc., St. Paul, Minn., October 1983.

EPA, Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal  
Facilities Under RCRA, Subtitle C, Section 3004, Draft Guidance, Financial Requirements: Interim Status  
Standards (40 CFR 265, Subpart H), SW - 913 1981, addendum.

Bonding information is also available on the Department's web site at:

<http://www.dep.state.pa.us/dep/deputate/airwaste/wm/MRW/Forms/Lrwm0089.pdf>

## Transfer Stations

---

**BONDING WORKSHEETS  
FOR  
WASTE TRANSFER STATIONS**

Revised August 30, 2001



Date Prepared

September 11, 2020

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

I.D. Number

101323

**BONDING WORKSHEET A**  
**TRANSFER FACILITY DECONTAMINATION**

**How do I start?** Select a likely “worst case” scenario where you would have a maximum amount of the facility open and in need of closure. Provide a description of the scenario stages:

Stage One: Notify all our haulers and customers of our intent to close.  
Stage Two: Haul remainder of Municipal Solid Waste to Wayne Township Lanfill for disposal.  
Stage Three: Begin cleaning and sanitizing of equipment and tipping floors.  
Stage Four: Final cosmetics to permitted area, such as planting grass seed and reosion control.

1. Maximum volume of waste to be removed from storage, tipping floor and equipment.: (See Attached)	<u>900</u> CY
2. Unit cost to dispose of waste off-site (this should include, but not be limited to removal, transportation and disposal costs).  (See Attached) (3CY = 1 ton) (\$45.00 per ton / 3 = \$15.00 per cy)	<u>\$15.00</u> \$/CY
3. Cost to decontaminate floors, scales, equipment (Based on Water Dept. Bulk Rate Fees and 2020 prevailing wage rates)	<u>\$629.60</u> LS
4. Volume of contaminated soils to be removed	<u>N/A</u> CY
5. Unit cost to dispose of soils off-site (this should include, but not be limited to sampling, analysis, removal, transportation and disposal costs).	<u>N/A</u> \$/CY
6. Volume of wastewater generated during decontamination.	<u>5000</u> Gal
7. Unit cost to dispose of decontamination water (Total Budget Divided by total average annual flow expressed in gallons)	<u>\$0.03988</u> \$/Gal
8. Cost for facility maintenance: (Two employees, one week)	<u>\$3,148.00</u> LS
9. Engineering and QA/QC costs (See Attached)	<u>N/A</u> LS
10. Cost Summary	
a. Waste Removal (line 1 x line 2)	\$ <u>\$13,500</u>
b. Facility decontamination (line 3)	\$ <u>\$629.60</u>
c. Contaminated soils (line 4 x line 5)	\$ <u>\$0.00</u>
d. Wastewater disposal (line 6 x line 7)	\$ <u>\$39.88</u>
e. Maintenance (line 8)	\$ <u>\$3,148.00</u>
f. QA/QC (line 9)	\$ <u>\$0.00</u>

**Total \$ \$17,317.48**

(Place this total on Summary Cost Worksheet – line 1)

Date Prepared

September 11, 2020

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

I.D. Number

101323

**BONDING WORKSHEET B  
SURFACE WATER MONITORING**

**Solid Waste Surface Water Sampling**

- 1. Number of surface points monitored for Solid Waste Permit \_\_\_\_\_
- 2. Unit cost to sample a surface point (record keeping and shipping) \_\_\_\_\_ \$/point
- 3. Unit cost to analyze sample(s)
  - a. Quarterly (25 PA Code §279.233) \_\_\_\_\_ \$/point
  - b. Annually (25 PA Code §279.233) \_\_\_\_\_ \$/point
- 4. Unit cost to analyze data (includes review of lab QA/QC data, database input, form completion, and data review) \_\_\_\_\_ \$/point
- 5. Cost to sample and analyze: quarterly (line 2 + line 3a + line 4) \_\_\_\_\_ \$/point
- 6. Cost to sample and analyze: annually (line 2 + line 3b + line 4) \_\_\_\_\_ \$/point
- 7. Number of years of sampling (\_\_\_\_\_ time to close) \_\_\_\_\_ years

**NPDES Surface Discharge Sampling**

- 8. Number of outfalls monitored \_\_\_\_\_
  - 9. Monitoring frequency (i.e. monthly, quarterly, etc) \_\_\_\_\_
  - 10. Number of samples to be taken per point/year \_\_\_\_\_
  - 11. Unit cost to sample a surface point (record keeping and shipping) \_\_\_\_\_ \$/point
  - 12. Unit cost to analyze sample(s) (including data review and completing DMR) \_\_\_\_\_ \$/point
  - 13. Number of years of sampling (\_\_\_\_\_ + time to close) \_\_\_\_\_ years
  - 14. Cost Summary –Surface Water Monitoring
    - a. Cost of Quarterly Surface Water Monitoring (line 1 x “4” x line 5 x line 7) \$ \_\_\_\_\_
    - b. Cost of Annual Surface Water Monitoring (line 1 x line 6 x line 7) \$ \_\_\_\_\_
    - c. Cost of NPDES Monitoring (line 8 x line 10 x [line 11 + line 12] x line 13) \$ \_\_\_\_\_
    - d. NPDES renewals (includes application development, fees, etc.) use 10% of line 14c \$ \_\_\_\_\_
- Subtotal** \$                      **N/A**

Adjustment for resampling, assessments, etc.

- a. Use 0% of subtotal if no assessments in last 2 yrs.
- b. Use 5% of subtotal if assessment in last 2 yrs.
- c. Use 10% if in assessment, abatement or increased monitoring

**Total**    \$                      **N/A**

(Place this total on Summary Cost Worksheet – line 2)

Date Prepared

September 11, 2020

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

I.D. Number

101323

**BONDING WORKSHEET C  
GROUNDWATER MONITORING SYSTEM**

1. Number of wells in the approved monitoring plan. \_\_\_\_\_
  - a. Shallowest well depth \_\_\_\_\_ ft.
  - b. Deepest well depth \_\_\_\_\_ ft.
  - c. Average well depth \_\_\_\_\_ ft.
  - d. Number with dedicated pumps \_\_\_\_\_
2. Unit cost to upgrade a well with a dedicated pump \_\_\_\_\_ \$/well
3. Unit cost to install a well (including, drilling, installation, developing and pump installation) \_\_\_\_\_ \$/well
4. Number of wells to be installed (wells in the approved plan that haven't been installed) \_\_\_\_\_
5. Number of wells to be replaced over the life of the monitoring period (use 10% of line 1 and round up) \_\_\_\_\_
6. Number of pumps to be replaced/repared (use 25% of line 1 over the monitoring period) \_\_\_\_\_
7. Unit cost to purge and sample a well (include methane monitoring, record keeping and shipping) \_\_\_\_\_ \$/well
8. Unit cost to analyze sample(s)
  - a. Quarterly (25 PA Code §279.233) \_\_\_\_\_ \$/well
  - b. Annually (25 PA Code §279.233) \_\_\_\_\_ \$/well
9. Unit cost to analyze data (includes review of lab QA/QC data, database input, form completion, statistical analysis and data review) \_\_\_\_\_ \$/well
10. Cost to purge, sample and analyze: quarterly (line 7 + line 8a + line 9) \_\_\_\_\_ \$/well
11. Cost to purge, sample and analyze: annually (line 7 + line 8b + line 9) \_\_\_\_\_ \$/well
12. Number of years of sampling (\_\_\_\_\_ + time to close) \_\_\_\_\_ years

13. Cost Summary –Groundwater Monitoring System

- a. System upgrade ([line 1 – line 1d] x line 2) \$ \_\_\_\_\_
- b. Wells to be Installed (line 3 x line 4) \$ \_\_\_\_\_
- c. Wells to be replaced (line 3 x line 5) \$ \_\_\_\_\_
- d. Pumps to be replaced (line 2 x line 6) \_\_\_\_\_
- e. Cost of Quarterly Monitoring  
(line 1 x “4” x line 10 x line 12) \$ \_\_\_\_\_
- f. Cost of Annual Monitoring  
(line 1 x line 11 x line 12) \$ \_\_\_\_\_

**Subtotal** \$ \_\_\_\_\_

Adjustment for resampling, assessments, etc.

- a. Use 0% of subtotal if no assessments in last 2 yrs.
- b. Use 5% of subtotal if assessment in last 2 yrs.
- c. Use 10% if in assessment, abatement or increase monitoring \$ \_\_\_\_\_

**Total** \$ \_\_\_\_\_ **N/A**

(Place this total on Summary Cost Worksheet – line 3)

Date Prepared

September 11, 2020

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

I.D. Number

101323

**BONDING WORKSHEET D  
OTHER MONITORING AND REPORTING**

Please list the annual costs to maintain the following permits/registrations that apply. Additional space is provided for items applicable to your facility, but not listed.

- 1. Title V or other air permit (include the annual permit fee, cost to complete emissions inventory and emissions fees) \$ \_\_\_\_\_
- 2. NSPS Annual Report preparation cost \$ \_\_\_\_\_
- 3. Solid Waste Annual Report preparation cost \$ \_\_\_\_\_
- 4. Local permit or Host Agreement requirements \$ \_\_\_\_\_
- 5. UST/AST registration \$ \_\_\_\_\_
- 6. Other \_\_\_\_\_ \$ \_\_\_\_\_
- 7. Other \_\_\_\_\_ \$ \_\_\_\_\_
- 8. Other \_\_\_\_\_ \$ \_\_\_\_\_
- 9. Other \_\_\_\_\_ \$ \_\_\_\_\_
- 10. Other \_\_\_\_\_ \$ \_\_\_\_\_
- 11. Number of years of monitoring/maintenance (\_\_\_\_+ time to close) \_\_\_\_\_ years

**Total** (sum of lines 1 to 10 x line 11) \$                     N/A                      
(Place this total on Summary Cost Worksheet – line 4)



## NARRATIVE BONDING WORKSHEET “A” TRANSFER FACILITIES

### 1. Maximum volume of waste to be removed from storage, tipping floor and equipment.

Our DEP permit allows us to store on site up to 24 hrs. Therefore, on any given day we should not exceed our average daily tonnage maximum of 300 tons per day.

### 2. Unit Cost to dispose of waste off-site (including transportation)

Present per ton disposal cost at Wayne Township Landfill is (\$29.50 disposal cost plus \$15.50 per ton transportation fee)	\$45.00
Total cost to dispose of waste – off site	<b>\$13,500.00</b>

### 3. Cost to decontaminate and clean areas of operation and equipment.

Estimated cost to decontaminate 1 – compactor, 2 concrete pads and 9 containers.

1 day’s wages for 2 employees to operate equipment 8 hours X \$39.35 hours X 2 employees (hourly rate based on 2020 prevailing wages in Northumberland County Pennsylvania)	\$629.60
	<b>\$629.60</b>

### 4. Unit cost to dispose of decontamination water.

Costs are based upon 2020 operational cost, at the Sunbury Municipal Authority Wastewater Treatment Facility. Current Rate \$13.88 per month + \$5.20 per 1,000 gal used.

Estimated cost of 5,000 gallons contaminated water to clean the site	\$39.88
Total cost to dispose of decontamination water	<b>\$39.88</b>

### 5. Cost for facility maintenance

5 day’s wages for 2 employees 40 hours X \$39.35 hours X 2 employees (hourly rate based on 2020 prevailing wages in Northumberland County Pennsylvania)	\$3,148
	<b>\$3,148</b>

## **Pennsylvania Enterprise Registration**

---

<b>Employer Withholding Tax</b>			
<b>Account ID</b>	<b>Federal Employer Identification Number</b>	<b>Trade Name</b>	<b>Legal Name</b>
1587 6063	24-6001871	MUNICIPAL AUTHORITY OF CITY OF SUNB	MUNICIPAL AUTHORITY OF CITY OF SUNBURY

**Enterprise Information**

**Tax System** Employer Withholding Tax  
**Revenue ID** 1001091036  
**Account ID** 1587 6063  
**Federal Employer Identification Number** 24-6001871

**e-TIDES Account Status** Active  
**e-TIDES Registration Date** 04/30/2010

<b>Payment Frequency</b>	<b>Description</b>	<b>Effective Date</b>
	Semi-Weekly	06/01/2010
	Semi-Monthly	01/01/1985

<b>Access Level</b>	<b>Name</b>	<b>Admin.</b>	<b>View</b>	<b>File</b>	<b>Pay</b>
	Jalee Wilt	✓	✓	✓	✓

**Legal Name** MUNICIPAL AUTHORITY OF CITY OF  
**Trade Name** MUNICIPAL AUTHORITY OF CITY OF SUNB  
**Address:** 462 S 4TH ST  
 SUNBURY , PA 17801-3134  
 USA

**Banking Information**

**Payment Method** ACH Debit  
**Bank Account Type** Checking  
**Bank Account Number** \*\*\*\*\*3001  
**Bank Routing Number** 031312835

- Press the "**Edit**" button to change account registration information.
- Press the "**Return**" button to exit this screen.

## **Newspaper of General Circulation**

---

The following notice needs to be published once-a-week during three consecutive weeks.

### **Notice**

Notice is hereby given that the Sunbury Municipal Authority (Transfer Station Facility), 462 South Fourth Street, Sunbury, PA 17801, (570) 286-9925, intends to make and request approval for an application to the Department of Environmental Protection (DEP), North-central Regional Office located at 208 West Third Street, Suite 101, Williamsport, PA 17701-6448, for a Major Permit Modification for a tonnage increase, roof expansion, and other minor improvements at their transfer station facility. A copy of this application will be forwarded to the host municipality and county.

The application is made under the provisions of Pennsylvania Title 25, Chapter 279.223 regarding the daily volume of municipal waste. Persons who wish to provide written comments on this application, or request additional information, should contact Ms. Lisa Houser, DEP Environmental Engineer Manager, at the above address in writing. This notification is a requirement of Pennsylvania Title 25, Chapter 271.141 regarding public notices.

# public NOTICES

Call 570-888-5283 for more information.

## NOTICE

Notice is hereby given that the Sunbury Municipal Authority (Transfer Station Facility) 570 East Lane, Sunbury, PA 17161, 717-298-2822, intends to make and record approval for an application to the Department of Environmental Protection (DEP), Environmental Regional Office located at 208 West Third Street, Suite 101, Harrisburg, PA 17102-0444, for a Mass Permit Modification for a storage increase, roof expansion, and other minor improvements at land transfer station facility. A copy of this application will be forwarded to the host municipality and county.

The application is made under the provisions of Pennsylvania Title 25, Chapter 279.223 regarding the state welfare or municipal waste. Persons who wish to provide written comments for this application, or request additional information, should contact the Area Engineer, DEP Environmental Engineer Mark J. Hines at the Department of Pennsylvania Title 25, Chapter 279.141 regarding public notices of July 11th & 18th.

## ADMINISTRATOR'S NOTICE

NOTICE IS HEREBY GIVEN that Letters of Administration have been granted to the undersigned in the Estate of **BRUCE M. FOGHT**, late of the City of Sunbury, York/Lebanon County, Pennsylvania, (deceased).

All persons indebted to the said estate are required to make immediate payment and those having claims or demands shall submit them without delay to the undersigned Administrator or her Attorney.

Deborah A. Radt  
121 Church Street  
Sunbury, PA 17161  
Administrator

William F. Schenck, Esquire  
1401 N. MARKET STREET  
HARRISBURG, PA 17102  
150426 Market Street  
Sunbury, PA 17161  
Attorney for the Estate  
04 July 8, 15, and 22, 2020

## ADMINISTRATOR'S NOTICE

Letters of Administration for the Estate of **Clara Louisa Roth Spangler, Deceased** wife of **Clara Ruth Spangler** late of **York County, Pennsylvania**, (deceased) have been granted to the undersigned. All persons indebted are required to make immediate payment and those having claims will present them for settlement without delay to:

**Mark A. Spangler**  
220 East Street  
York, PA 17404  
**Paul E. Spangler**  
17 Tanager Street  
Arlington, VA 22204  
Or to their attorney:  
**Stephen C. Shewell, Esquire**  
30 S. Third Street  
PO Box 324  
Lebanon, PA 17042  
04 June 24, July 1 and 8, 2020

## BID NOTICE

**2020 TRAINING LINES & SIGNALS ON FRANKLIN TOWNSHIP**

Please review a bid to see the items, items are shown to the sky, and shown at street crossings from the following roads:

**East Market Street:** both sides of the road from through line (to be marked) to Square Run Road from ground to sky, 18 feet from center of the road.

**Wagon Bridge Road:** both sides of the road from Wagon Bridge Road stop sign to Creek Run stop sign from ground to sky, 18 feet from center of the road.

**Sale Barn Road:** both sides of the road from Route 502 to Training Line (to be marked) from ground to sky, 18 feet from center of the road.

Proper consideration may be given to one or all items - items shown and shown at street crossings. Proof of insurance must be included with bids. Work must be completed within 30 days from issuance of Notice of Award.

**Franklin Township reserves the right to alter or cancel this bid.**

Please return sealed bids to **Franklin Township**, 124 Chestnut Street, Gettysburg, PA 17344 by July 10, 2020 before 2:00 PM.

If you do not wish to bid at this time, please return notice and state that you do not wish to bid.

Any questions please call 570-847-1254 from 8:00 AM to 12:00 PM, Monday through Friday. If you call after 12:00 PM please leave a message and your call will be returned as soon as possible.  
04 July 8 & 15, 2020

## BID NOTICE

Bidding bids for the Union County 2020, 2021, 2022 Annual Audit will be received by the Union County Commissioners at the County Office 101 N. 10th Street, Lebanon, PA 17042 until 4:30 PM prevailing time, on Monday, July 27, 2020. The bids received will be publicly opened and read aloud in the Commissioners work session at 10:30 AM on Tuesday, July 28, 2020. Bidders should schedule for August 4, 2020 at the 2:00 PM Commissioners regularly scheduled Board meeting. The Annual Audit is to audit the County financial statements, assist the County in reporting processes, complete a final audit and present the final audit report to Union County.

The bid documents and audit specifications may be obtained from the following website: [www.unioncountypa.gov](http://www.unioncountypa.gov). If the bidder is in any other or ambiguous interested to bid and user of the Bidding Documents to pay all items associated with pricing. Contact Union County Finance Department, 101 N. 10th Street, Lebanon, PA 17042, 570-624-2877 between the hours of 8:30 AM and 4:30 PM Monday through Friday with any questions pertaining to the use of the website or to obtain a hard copy of the Bidding Documents.

Bids are to be accompanied by a Bidder's Bond, certified check or cashier's check, in favor of the County, in the amount of no less than 10% of the bid. The County reserves the right to waive any deficiency in a submission and to accept or reject any bid at will. No bid may be withdrawn for a period of 60 days with the right to extend that time to 120 days if additional bids are received.

Bidders must submit with their bid, the Non-Collusion Affidavit. The contract documents contain requirements regarding non-discrimination in hiring practices.

UNION COUNTY  
COUNTY OFFICE  
101 N. 10TH STREET  
LEBANON, PA 17042  
04 July 8 and 15, 2020



Personally appeared before me, the subscriber,  
Fred Scheller, Publisher  
of THE DAILY ITEM, a newspaper of general circulation in Union,  
Northumberland, Snyder and Montour Counties, the paper in which  
publication has been directed, who being duly sworn according to law,  
doth depose and say that said newspaper was established April 15,  
1970, and has its place of business at Second & Market Sts., in the city  
of Sunbury, County of Northumberland, and Commonwealth of  
Pennsylvania, and that, the Notice, of which the attached is a copy, was  
published in THE DAILY ITEM in the City of Sunbury, County of  
Northumberland and State of Pennsylvania on the

8th, 15th and 22nd days of July A.D. 2020  
that affiant is not interested in the subject matter of the foregoing  
notice of advertising, and avers that all of the allegations of the  
statement as to the time, place and character of the publication are true.

Affiant

**NOTICE**  
Notice is hereby given that the Sunbury Municipal Authority (Transfer Station Facility), 511 Fawn Lane, Sunbury, PA 17801, (570) 286-9925, intends to make and request approval for an application to the Department of Environmental Protection (DEP), North-central Regional Office located at 208 West Third Street, Suite 101, Williamsport, PA 17701-8448, for a Major Permit Modification for a tonnage increase, roof expansion, and other minor improvements at their transfer station facility. A copy of this application will be forwarded to the host municipality and county.  
The application is made under the provisions of Pennsylvania Title 25, Chapter 279.223 regarding the daily volume of municipal waste. Persons who wish to provide written comments on this application, or request additional information, should contact Ms. Lisa Houser, DEP Environmental Engineer Manager, at the above address in writing. This notification is a requirement of Pennsylvania Title 25, Chapter 271.141 regarding public notices.  
Df: July 8, 15 & 22/2020

Sworn to and subscribed before me  
This 23rd day of July A.D. 2020

Notary

Commonwealth of Pennsylvania - Notary Seal  
DIANNE L. ALLAN - Notary Public  
Northumberland County  
My Commission Expires Dec 10, 2022  
Commission Number 1341876

Faint, illegible text in a rectangular box, possibly a stamp or faded signature.

## **Contiguous Landowners Notifications**

---



July 2, 2020  
File No. 0372-008-009  
**Certified Mail No. 7017 1450 0001 7635 0135**

Mr. George Bower  
446 S. 4<sup>th</sup> Street  
Sunbury, PA 17801

RE: Sunbury Municipal Authority  
Solid Waste Transfer Facility  
Solid Waste Major Permit Modification

Dear Mr. Bower:

Notice is hereby given that the Sunbury Municipal Authority is planning to submit an application for a Major Permit Modification to the North-central Regional (Williamsport) Office of the Pennsylvania Department of Environmental Protection. The proposed changes include an increase in the allowable tonnage, an expansion of the roof, and additional fencing at the site. In accordance with Title 25 of the Pennsylvania Code, Section 271.141 (Public Notice by Application), the applicant is required to notify the host municipality and county, adjoining property owners, and publish the information in a newspaper or general circulation.

A copy of the application will be forwarded to the host municipality and county by the PA DEP. In addition, the application will be available for review in the PA DEP office at the address provided below.

PA Department of Environmental Protection  
North-central Regional Office  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

Upon your receipt of the application, the PA DEP will accept written comments at the above address concerning the proposed Permit Modification for a 60-day period. Written comments should be forwarded to Ms. Lisa Houser at the Pennsylvania Department of Environmental Protection office listed above.

Sincerely,  
UNI-TEC CONSULTING ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "Jeffrey L. Bowman", is written over a horizontal line.

Jeffrey L. Bowman, E.I.T.  
Project Engineer

Email cc: Jason A. Neidig, SMA  
Patrick J. Ward, P.E., UTCE

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

7017 1450 0001 7635 0135

Certified Mail Fee \$ 3.55

Extra Services & Fees (check box, add fee as applicable)

Return Receipt (hardcopy) \$ 2.85

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ 30

Total Postage and Fees \$ 6.98

Postmark Here

STATE COLLEGE PA 16803

Sent to Mr. George Bower

Street and Apt. No., or PO Box No. 446 S. 4th Street

City, State, ZIP+4® Sunbury, PA 17801

PS Form 3800, April 2015 PSN 7530-02-900-9047 See Reverse for Instructions

0372-008-009

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <u>JM C3 Covid-19</u> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>G Bower</u> C. Date of Delivery <u>7/6/20</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p><u>Mr. George Bower</u> <u>446 S. 4th St.</u> <u>Sunbury, PA 17801</u></p>  <p>9590 9402 3915 8060 0402 28</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p><u>7017 1450 0001 7635 0135</u></p>	
PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt



July 2, 2020  
File No. 0372-008-009  
**Certified Mail No. 7017 1450 0001 7635 0159**

Mr. George Shiffer  
461 S. Awl Street  
Sunbury, PA 17801

RE: Sunbury Municipal Authority  
Solid Waste Transfer Facility  
Solid Waste Major Permit Modification

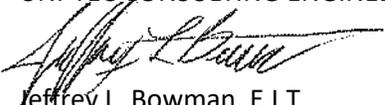
Dear Mr. Shiffer:

Notice is hereby given that the Sunbury Municipal Authority is planning to submit an application for a Major Permit Modification to the North-central Regional (Williamsport) Office of the Pennsylvania Department of Environmental Protection. The proposed changes include an increase in the allowable tonnage, an expansion of the roof, and additional fencing at the site. In accordance with Title 25 of the Pennsylvania Code, Section 271.141 (Public Notice by Application), the applicant is required to notify the host municipality and county, adjoining property owners, and publish the information in a newspaper or general circulation.

A copy of the application will be forwarded to the host municipality and county by the PA DEP. In addition, the application will be available for review in the PA DEP office at the address provided below.

PA Department of Environmental Protection  
North-central Regional Office  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

Upon your receipt of the application, the PA DEP will accept written comments at the above address concerning the proposed Permit Modification for a 60-day period. Written comments should be forwarded to Ms. Lisa Houser at the Pennsylvania Department of Environmental Protection office listed above.

Sincerely,  
UNI-TEC CONSULTING ENGINEERS, INC.  
  
Jeffrey L. Bowman, E.I.T.  
Project Engineer

Email cc: Jason A. Neidig, SMA  
Patrick J. Ward, P.E., UTCE

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

7017 1450 0001 7635 0159

Certified Mail Fee	\$ 3.55
Extra Services & Fees (check box, add fee as applicable)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 2.85
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ .50
Total Postage and Fees	\$ 4.90
Sent to	Mr. George Shiffer
Street and Apt. No., or PO Box No.	461 S. Awl Street
City, State, ZIP+4®	Sunbury, PA 17801

PS Form 3800, April 2015 PSN 7530-02-000-0047 See Reverse for Instructions



0372-078-009

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY												
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <input type="checkbox"/> Agent  <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)  G. Shiffer</p> <p>C. Date of Delivery  7/6/20</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  If YES, enter delivery address below: <input type="checkbox"/> No</p>												
<p>1. Article Addressed to:</p> <p>Mr. George Shiffer  461 S. Awl Street  Sunbury, PA 17801</p> <p style="text-align: center;">9590 9402 3915 8060 0402 04</p>	<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®												
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™												
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery												
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise												
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™												
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery												
<p>2. Article Number (Transfer from service label)</p> <p style="text-align: center;">7017 1450 0001 7635 0159</p>													
PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt												



July 2, 2020  
File No. 0372-008-009  
**Certified Mail No. 7017 1450 0001 7635 0142**

Mr. Richard Nichols  
135 Lombard Street  
Sunbury, PA 17801

RE: Sunbury Municipal Authority  
Solid Waste Transfer Facility  
Solid Waste Major Permit Modification

Dear Mr. Nichols:

Notice is hereby given that the Sunbury Municipal Authority is planning to submit an application for a Major Permit Modification to the North-central Regional (Williamsport) Office of the Pennsylvania Department of Environmental Protection. The proposed changes include an increase in the allowable tonnage, an expansion of the roof, and additional fencing at the site. In accordance with Title 25 of the Pennsylvania Code, Section 271.141 (Public Notice by Application), the applicant is required to notify the host municipality and county, adjoining property owners, and publish the information in a newspaper or general circulation.

A copy of the application will be forwarded to the host municipality and county by the PA DEP. In addition, the application will be available for review in the PA DEP office at the address provided below.

PA Department of Environmental Protection  
North-central Regional Office  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

Upon your receipt of the application, the PA DEP will accept written comments at the above address concerning the proposed Permit Modification for a 60-day period. Written comments should be forwarded to Ms. Lisa Houser at the Pennsylvania Department of Environmental Protection office listed above.

Sincerely,  
UNI-TEC CONSULTING ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "Jeffrey L. Bowman", is written over a horizontal line.

Jeffrey L. Bowman, E.I.T.  
Project Engineer

Email cc: Jason A. Neidig, SMA  
Patrick J. Ward, P.E., UTCE

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

7017 1450 0001 7635 0142

Certified Mail Fee \$ <u>3.95</u>	
Extra Services & Fees (check box, add fee if appropriate) <input checked="" type="checkbox"/> Return Receipt (hardcopy) \$ <u>2.85</u> <input type="checkbox"/> Return Receipt (electronic) \$ _____ <input type="checkbox"/> Certified Mail Restricted Delivery \$ _____ <input type="checkbox"/> Adult Signature Required \$ _____ <input type="checkbox"/> Adult Signature Restricted Delivery \$ _____	
Postage \$ <u>1.50</u>	
Total Postage and Fees \$ <u>6.90</u>	
Sent to <u>Mr. Richard Nichols</u> Street and Apt. No., or PO Box No. <u>135 Lombard St.</u> City, State, ZIP+4® <u>Sunbury, PA 17801</u>	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

0372-008-009

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY														
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <u>RM C3 Covid-19</u> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)  <u>R. Nichols</u></p> <p>C. Date of Delivery  <u>7/6/20</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes          If YES, enter delivery address below: <input type="checkbox"/> No</p>														
<p>1. Article Addressed to:  <u>Mr. Richard Nichols</u>  <u>135 Lombard St.</u>  <u>Sunbury, PA 17801</u></p> <p style="text-align: center;">            9590 9402 3915 8060 0402 11</p>	<p>3. Service Type</p> <table style="width: 100%; font-size: 0.8em;"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Restricted Delivery (over \$500)</td> <td></td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Restricted Delivery (over \$500)	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®														
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™														
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery														
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise														
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™														
<input type="checkbox"/> Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery														
<input type="checkbox"/> Restricted Delivery (over \$500)															
<p>2. Article Number (Transfer from sender's label)  <u>7017 1450 0001 7635 0142</u></p>															
PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt														



July 2, 2020  
File No. 0372-008-009  
**Certified Mail No. 7017 1450 0001 7635 0104**

Shikellamy School District  
Island Park Administration Center  
200 Island Boulevard  
Sunbury, PA 17801

RE: Sunbury Municipal Authority  
Solid Waste Transfer Facility  
Solid Waste Major Permit Modification

To Whom It May Concern:

Notice is hereby given that the Sunbury Municipal Authority is planning to submit an application for a Major Permit Modification to the North-central Regional (Williamsport) Office of the Pennsylvania Department of Environmental Protection. The proposed changes include an increase in the allowable tonnage, an expansion of the roof, and additional fencing at the site. In accordance with Title 25 of the Pennsylvania Code, Section 271.141 (Public Notice by Application), the applicant is required to notify the host municipality and county, adjoining property owners, and publish the information in a newspaper or general circulation.

A copy of the application will be forwarded to the host municipality and county by the PA DEP. In addition, the application will be available for review in the PA DEP office at the address provided below.

PA Department of Environmental Protection  
North-central Regional Office  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

Upon your receipt of the application, the PA DEP will accept written comments at the above address concerning the proposed Permit Modification for a 60-day period. Written comments should be forwarded to Ms. Lisa Houser at the Pennsylvania Department of Environmental Protection office listed above.

Sincerely,  
UNI-TEC CONSULTING ENGINEERS, INC.  
  
Jeffrey L. Bowman, E.I.T.  
Project Engineer

Email cc: Jason A. Neidig, SMA  
Patrick J. Ward, P.E., UTCE

U.S. Postal Service™  
**CERTIFIED MAIL® RECEIPT**  
 Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee  
 \$ 3.55

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ 2.85

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage  
 \$ 50

Total Postage and Fees  
 \$ 6.90

Sent to  
 Shikellamy School District  
 Street and Apt. No., or PO Box No.  
 200 Island Blvd.  
 City, State, ZIP+4®  
 Sunbury, PA 17801

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 1450 0001 7635 0104

STATE COLLEGE PA 16803  
 JUL - 3 2015  
 Postmark Here

0372-008-009

**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:  
 Shikellamy School District  
 Island Park Admin. Center  
 200 Island Blvd.  
 Sunbury, PA 17801

9590 9402 3915 8060 0402 59

2. 7017 1450 0001 7635 0104 restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 Agent  
 Addressee

B. Received by (Printed Name)  
 C. Date of Delivery  
 7-9-20

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

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



July 2, 2020  
File No. 0372-008-009  
**Certified Mail No. 7017 1450 0001 7635 0111**

Commonwealth of Pennsylvania  
Commonwealth Information Center  
402A Finance Building  
Harrisburg, PA 17125

RE: Sunbury Municipal Authority  
Solid Waste Transfer Facility  
Solid Waste Major Permit Modification

To Whom It May Concern:

Notice is hereby given that the Sunbury Municipal Authority is planning to submit an application for a Major Permit Modification to the North-central Regional (Williamsport) Office of the Pennsylvania Department of Environmental Protection. The proposed changes include an increase in the allowable tonnage, an expansion of the roof, and additional fencing at the site. In accordance with Title 25 of the Pennsylvania Code, Section 271.141 (Public Notice by Application), the applicant is required to notify the host municipality and county, adjoining property owners, and publish the information in a newspaper or general circulation.

A copy of the application will be forwarded to the host municipality and county by the PA DEP. In addition, the application will be available for review in the PA DEP office at the address provided below.

PA Department of Environmental Protection  
North-central Regional Office  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

Upon your receipt of the application, the PA DEP will accept written comments at the above address concerning the proposed Permit Modification for a 60-day period. Written comments should be forwarded to Ms. Lisa Houser at the Pennsylvania Department of Environmental Protection office listed above.

Sincerely,  
UNI-TEC CONSULTING ENGINEERS, INC.  
  
Jeffrey L. Bowman, E.I.T.  
Project Engineer

Email cc: Jason A. Neidig, SMA  
Patrick J. Ward, P.E., UTCE

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)™.

OFFICIAL USE

7017 1450 0001 7635 0111

Certified Mail Fee \$ 3.55	
Extra Services & Fees (check box, add fee to postage) <input checked="" type="checkbox"/> Return Receipt (hardcopy) \$ 2.55 <input type="checkbox"/> Return Receipt (electronic) \$ _____ <input type="checkbox"/> Certified Mail Restricted Delivery \$ _____ <input type="checkbox"/> Adult Signature Required \$ _____ <input type="checkbox"/> Adult Signature Restricted Delivery \$ _____	
Postage \$ 1.50	
Total Postage and Fees \$ 6.90	
Sent to Commonwealth of PA 402A Finance Bldg. Harrisburg PA 17125	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See reverse for instructions

0372-008-009

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY												
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <input checked="" type="checkbox"/> <i>M. Naik</i> <span style="float: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</span></p> <p>B. Received by (Printed Name) <i>JUL 07 2020</i> C. Date of Delivery <i>JUL 07 2020</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes          If YES, enter delivery address below: <input type="checkbox"/> No</p>												
<p>1. Article Addressed to:  <i>Commonwealth of PA          Commonwealth Info. Center          402A Finance Bldg.          Harrisburg, PA 17125</i></p>  <p style="text-align: center;">9590 9402 3915 8060 0402 42</p>	<p>3. Service Type</p> <table style="width: 100%; font-size: 0.8em;"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®												
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™												
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery												
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise												
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™												
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery												
<p>2. Article Number (Transfer from service label)  <b>7017 1450 0001 7635 0111</b> Restricted Delivery</p>													
PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt												



July 2, 2020  
File No. 0372-008-009  
**Certified Mail No. 7017 1450 0001 7635 0081**

City of Sunbury  
225 Market Street  
Sunbury, PA 17801

RE: Sunbury Municipal Authority  
Solid Waste Transfer Facility  
Solid Waste Major Permit Modification

To Whom It May Concern:

Notice is hereby given that the Sunbury Municipal Authority is planning to submit an application for a Major Permit Modification to the North-central Regional (Williamsport) Office of the Pennsylvania Department of Environmental Protection. The proposed changes include an increase in the allowable tonnage, an expansion of the roof, and additional fencing at the site. In accordance with Title 25 of the Pennsylvania Code, Section 271.141 (Public Notice by Application), the applicant is required to notify the host municipality and county, adjoining property owners, and publish the information in a newspaper or general circulation.

A copy of the application will be forwarded to the host municipality and county by the PA DEP. In addition, the application will be available for review in the PA DEP office at the address provided below.

PA Department of Environmental Protection  
North-central Regional Office  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

Upon your receipt of the application, the PA DEP will accept written comments at the above address concerning the proposed Permit Modification for a 60-day period. Written comments should be forwarded to Ms. Lisa Houser at the Pennsylvania Department of Environmental Protection office listed above.

Sincerely,  
UNI-TEC CONSULTING ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "Jeffrey L. Bowman", is written over a horizontal line.

Jeffrey L. Bowman, E.I.T.  
Project Engineer

Email cc: Jason A. Neidig, SMA  
Patrick J. Ward, P.E., UTCE

7017 1450 0001 7635 0081  
1900 5E92 T000 054T 2T02

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT <i>Domestic Mail Only</i>	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®.	
<b>OFFICIAL USE</b>	
Certified Mail Fee \$ <u>3.95</u>	
Extra Services & Fees (check box, add fee amount)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy) \$ <u>2.85</u>	
<input type="checkbox"/> Return Receipt (electronic) \$ _____	
<input type="checkbox"/> Certified Mail Restricted Delivery \$ _____	
<input type="checkbox"/> Adult Signature Required \$ _____	
<input type="checkbox"/> Adult Signature Restricted Delivery \$ _____	
Postage \$ <u>.50</u>	
Total Postage and Fees \$ <u>6.90</u>	
Sent To: <u>City of Sunbury</u>	
Street and Apt. No., PO Box No. <u>225 Market St</u>	
City, State, ZIP+4® <u>Sunbury, PA 17801</u>	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	



July 2, 2020  
File No. 0372-008-009  
**Certified Mail No. 7017 1450 0001 7635 0128**

Consolidated Rail Corporation  
James D. McGeehan, Conrail Corporate Affairs  
2001 Market Street, 16<sup>th</sup> Floor  
Philadelphia, PA 19103

RE: Sunbury Municipal Authority  
Solid Waste Transfer Facility  
Solid Waste Major Permit Modification

Dear Mr. McGeehan:

Notice is hereby given that the Sunbury Municipal Authority is planning to submit an application for a Major Permit Modification to the North-central Regional (Williamsport) Office of the Pennsylvania Department of Environmental Protection. The proposed changes include an increase in the allowable tonnage, an expansion of the roof, and additional fencing at the site. In accordance with Title 25 of the Pennsylvania Code, Section 271.141 (Public Notice by Application), the applicant is required to notify the host municipality and county, adjoining property owners, and publish the information in a newspaper or general circulation.

A copy of the application will be forwarded to the host municipality and county by the PA DEP. In addition, the application will be available for review in the PA DEP office at the address provided below.

PA Department of Environmental Protection  
North-central Regional Office  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

Upon your receipt of the application, the PA DEP will accept written comments at the above address concerning the proposed Permit Modification for a 60-day period. Written comments should be forwarded to Ms. Lisa Houser at the Pennsylvania Department of Environmental Protection office listed above.

Sincerely,  
UNI-TEC CONSULTING ENGINEERS, INC.  
  
Jeffrey L. Bowman, E.I.T.  
Project Engineer

Email cc: Jason A. Neidig, SMA  
Patrick J. Ward, P.E., UTCE

7017 1450 0001 7635 0128

U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee	\$ 3.55
Extra Services & Fees (check box, add fee if applicable)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 2.05
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ .50
Total Postage and Fees	\$ 6.10



Send to  
 Street and Apt. No. or PO Box No.  
 Consolidated Rail Corp.  
 401 Market St., 16th Floor  
 Philadelphia, PA 19103

## **Municipal and County Notifications**

---



July 2, 2020  
File No. 0372-008-009  
**Certified Mail No. 7017 1450 0001 7635 0081**

City of Sunbury  
225 Market Street  
Sunbury, PA 17801

RE: Sunbury Municipal Authority  
Solid Waste Transfer Facility  
Solid Waste Major Permit Modification

To Whom It May Concern:

Notice is hereby given that the Sunbury Municipal Authority is planning to submit an application for a Major Permit Modification to the North-central Regional (Williamsport) Office of the Pennsylvania Department of Environmental Protection. The proposed changes include an increase in the allowable tonnage, an expansion of the roof, and additional fencing at the site. In accordance with Title 25 of the Pennsylvania Code, Section 271.141 (Public Notice by Application), the applicant is required to notify the host municipality and county, adjoining property owners, and publish the information in a newspaper or general circulation.

A copy of the application will be forwarded to the host municipality and county by the PA DEP. In addition, the application will be available for review in the PA DEP office at the address provided below.

PA Department of Environmental Protection  
North-central Regional Office  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

Upon your receipt of the application, the PA DEP will accept written comments at the above address concerning the proposed Permit Modification for a 60-day period. Written comments should be forwarded to Ms. Lisa Houser at the Pennsylvania Department of Environmental Protection office listed above.

Sincerely,  
UNI-TEC CONSULTING ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "Jeffrey L. Bowman", is written over a horizontal line.

Jeffrey L. Bowman, E.I.T.  
Project Engineer

Email cc: Jason A. Neidig, SMA  
Patrick J. Ward, P.E., UTCE

7017 1450 0001 7635 0081  
1900 5E92 T000 054T 2T02

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT <i>Domestic Mail Only</i>	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®.	
<b>OFFICIAL USE</b>	
Certified Mail Fee \$ <u>3.95</u>	
Extra Services & Fees (check box, add fee appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy) \$ <u>2.85</u>	
<input type="checkbox"/> Return Receipt (electronic) \$ _____	
<input type="checkbox"/> Certified Mail Restricted Delivery \$ _____	
<input type="checkbox"/> Adult Signature Required \$ _____	
<input type="checkbox"/> Adult Signature Restricted Delivery \$ _____	
Postage \$ <u>.50</u>	
Total Postage and Fees \$ <u>6.90</u>	
Sent To: <u>City of Sunbury</u>	
Street and Apt. No., PO Box No. <u>225 Market St</u>	
City, State, ZIP+4® <u>Sunbury, PA 17801</u>	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	



July 2, 2020  
File No. 0372-008-009  
**Certified Mail No. 7017 1450 0001 7635 0098**

Northumberland County  
County Commissioners  
399 Stadium Drive  
Sunbury, PA 17801

RE: Sunbury Municipal Authority  
Solid Waste Transfer Facility  
Solid Waste Major Permit Modification

To Whom It May Concern:

Notice is hereby given that the Sunbury Municipal Authority is planning to submit an application for a Major Permit Modification to the North-central Regional (Williamsport) Office of the Pennsylvania Department of Environmental Protection. The proposed changes include an increase in the allowable tonnage, an expansion of the roof, and additional fencing at the site. In accordance with Title 25 of the Pennsylvania Code, Section 271.141 (Public Notice by Application), the applicant is required to notify the host municipality and county, adjoining property owners, and publish the information in a newspaper or general circulation.

A copy of the application will be forwarded to the host municipality and county by the PA DEP. In addition, the application will be available for review in the PA DEP office at the address provided below.

PA Department of Environmental Protection  
North-central Regional Office  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

Upon your receipt of the application, the PA DEP will accept written comments at the above address concerning the proposed Permit Modification for a 60-day period. Written comments should be forwarded to Ms. Lisa Houser at the Pennsylvania Department of Environmental Protection office listed above.

Sincerely,  
UNI-TEC CONSULTING ENGINEERS, INC.  
  
Jeffrey L. Bowman, E.I.T.  
Project Engineer

Email cc: Jason A. Neidig, SMA  
Patrick J. Ward, P.E., UTCE

7017 1450 0001 7635 0096

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
 Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee  
 \$ 3.55

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ 2.85

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$ 50

Total Postage and Fees \$ 6.90

Postmark Here

STATE COLLEGE PA 16803

NOV 3 2007

Send to  
 Northumberland Cty.  
 399 Stadium Dr.  
 Sunbury, PA 17801

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

0872-008-009

**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.

Article Addressed to:  
 Northumberland Cty.  
 County Commissioners  
 399 Stadium Dr.  
 Sunbury, PA 17801

9590 9402 3915 8060 0402 66

2. Article Number (Transfer from service label)  
 7017 1450 0001 7635 0096

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 x Jim C3 Caldwell Agent

B. Received by (Printed Name)  
 J. Schumacher

C. Date of Delivery  
 7/6/08

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

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

Restricted Delivery

Domestic Return Receipt