



AECOM
100 Sterling Parkway
Suite 205
Mechanicsburg, PA 17050
www.aecom.com

717 795 8001 tel
717 795 8280 fax

June 26, 2020

Ms. Jessica Ritenour
Pennsylvania Department of Environmental Protection
North Central Regional Office
208 West Third Street, Suite 101
Williamsport, PA 17701

**Subject: Final End-of-Project Report
Shamokin Brownfields Inventory Grant
City of Shamokin, Pennsylvania
IRRSC Contract No. # 4000019257; Req No. IRRSC7-4-105**

Dear Ms. Ritenour:

AECOM Technical Services, Inc. (AECOM) is pleased to present to the Pennsylvania Department of Environmental Protection (PADEP) this End-of-Project Report, which includes a brownfields inventory list for the City of Shamokin, Pennsylvania (Site). The tasks detailed in the PADEP's August 21, 2019 Scope of Work and subsequently discussed in the January 7, 2020 Site scoping meeting includes using established databases and information provided by the City of Shamokin and local community organizations. Attached is a spreadsheet that contains a brownfield inventory list provided by the PADEP, as well as additional locations identified in the PADEP eFACTS brownfields database for the City of Shamokin. The listed brownfield sites have been reviewed and assessed for environmental concerns and economic factors. The brownfield sites have been ranked as being of low, medium, or high environmental risk, as well as being most favorable, favorable, or least favorable for economic development. A detailed discussion of the project and ranking system criteria is presented below.

SECTION 1.0 – INTRODUCTION

The City of Shamokin is in southcentral Northumberland County and is surrounded by Coal Township. As provided by the PADEP, an Environmental Protection Agency (EPA) 128 (a) Small Technical Assistance Grant was received to work with the City of Shamokin to inventory, educate, and plan for brownfield properties. This grant is not to be used for investigation and/or remediation.

The City of Shamokin has a long history of commercial and industrial activities that have resulted in brownfields within the city. The City of Shamokin would like to obtain an understanding of what the brownfields are in the city, where they are located, and what could be done to facilitate their productive re-use.

SECTION 2.0 - OBJECTIVES

The initial Scope of Work was dated October 23, 2019. The scope was further discussed and finalized during the January 7, 2020 Site scoping meeting with the PADEP and representatives from the following organizations: The City of Shamokin; SEDA-Council of Government (COG); and Shamokin Area Business of Economic Revitalization (SABER). Based on the initial Scope of Work and subsequent details received during the Site scoping meeting, AECOM performed activities to the extent allowed by the grant budget, as follows:

1. Work with the City of Shamokin, the PADEP, SEDA-COG, and SABER to prepare a brownfield inventory for sites located within the City of Shamokin;

2. Educate city officials and the local community on what brownfields are, where they are located within the City of Shamokin, and provide the City with economic and environmental information for each location.

This inventory is meant as a guide for developers and other interested parties. All sites included on this list could be considered for redevelopment regardless of ranking as there are various grant programs available to assess and clean up contaminated sites.

The Final Work Plan/Cost Estimate was provided to the Department on February 7, 2020. The subsequent Notice to Proceed was issued by the Department on February 19, 2020.

SECTION 3.0 – BROWNFIELDS DEFINITION AND IDENTIFICATION

The EPA defines brownfields as "any land in the United States that is abandoned, idled or under used because redevelopment and/or expansion is complicated by environmental contamination that is either real or perceived." A brownfield site is an area that has been used before and tends to be disused or derelict land. Such sites are usually abandoned areas that have been used previously for industrial and commercial purposes. The expansion, redevelopment, or reuse of brownfields may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Some of the most common contaminants identified at brownfield sites are from fuels such as oil, gasoline, diesel, and kerosene from underground storage tanks, floor drains, outside storage of barrels and machinery, and cleaning solvents. Brownfield grants continue to serve as the foundation of EPA's Brownfields Program.

The PADEP has created a Brownfield Development Guide that draws on over 20 years of PADEP experience in cleaning up more than 6,000 sites and outlines the full spectrum of services and resources available for the often complex steps involved in redeveloping brownfield properties. It seeks to assist a broad audience of private industry, state, and local agencies, economic development agencies and redevelopment authorities, local officials, communities, property owners, developers, and other stakeholders. The PADEP fosters and helps to build public-private partnerships, which have proven critical for the timely completion of successful projects resulting in the mitigation of brownfield properties.

Thirty-one properties have been identified as brownfields within the City of Shamokin and are listed in the PADEP brownfields database list provided by PADEP. These listings are due to the presence of underground storage tanks (USTs), leaking underground storage tanks (LUSTs), spills, and industrial activity. The occurrence of these activities may have caused a release of contamination to the soil and/or groundwater that requires further evaluation. A list of 31 properties was provided by PADEP for evaluation. These locations are identified in the attached figures (Attachment 1). These figures show the brownfield locations with the zoning, existing flood zone, and preliminary flood zone information. The first figure presents all of these features. Separate figures for each feature have also been provided. Additionally, another eight (8) properties were identified through an online review of the PADEP eFACTS database and are included in the spreadsheet (Items 32 through 39). A spreadsheet of all 39 brownfield locations is provided in Attachment 2. All 39 properties have been evaluated and ranked based on environmental risk and economic factors. Environmental risk rankings are color coded while the economic factors are numbered 1, 2, or 3 depending on the economic favorability. The criteria for these rankings are discussed below.

SECTION 4.0 - BROWNFIELDS RANKING AND SPREADSHEET

Using the list of 31 properties provided by PADEP and the eight (8) additional properties located in the PADEP eFACTS database, an Excel spreadsheet was developed to serve as the brownfield inventory. The inventory includes the brownfield site name and address, eFACTS primary facility (PF) identification (ID) number, tax parcel identification number, and historical cleanup or potential remaining sources of contamination. The potential current sources of contamination are based on review of eMap PA, historical Fire Insurance (Sanborn) Maps (as available through the Library of Congress and Penn State University) and a Corridor Report obtained from Environmental Database Resources (EDR), which contains reasonably ascertainable local, state, tribal, and federal environmental regulatory agency databases for the City of Shamokin to assist in assessing potential brownfields. The radii used during the EDR search effectively includes an approximately 1-square mile area comprising the City of Shamokin and includes the standard federal and state environmental records sources.

4.1 Environmental Risk Ranking

Environmental risk ranking of the brownfield sites was developed based on information provided by online Sanborn maps (1885 – 1929), EDR database search, eFACTS, and eMaps PA. The environmental risk ranking is provided as low, medium, and high, with the low ranking having the least potential of environmental risk (contamination) based on available information and the high ranking indicating a potential for environmental risk (i.e. leaking underground storage tanks, former industrial facilities) based on available information. The environmental risk ranking criteria and associated colors are provided below:

- 1) Green – These locations have a potential for low environmental risk. Review of available information shows that the environmental impacts have been remediated in accordance with PADEP regulations. A Phase I Environmental Site Assessment (ESA) is recommended for each of these sites to confirm that the environmental risk has been eliminated/resolved.
- 2) Yellow – These locations have a potential for medium environmental risk. Review of available information indicates that the environmental impacts may not have been remediated in accordance with PADEP regulations or there is a data gap. A Phase I ESA and file review is recommended for each of these sites. Pending the Phase I ESA findings, sampling for lead-based paint and/or asbestos may be recommended and a Phase II site investigation if needed.
- 3) Red – These locations have a potential for a high environmental risk. Review of available information indicates that there is a known environmental concern that has not been remediated in accordance with PADEP regulations and/or there are data gaps where environmental information is lacking for the site. A Phase I ESA and file review is recommended for each of these sites. Pending the Phase I ESA findings, sampling for lead-based paint and/or asbestos may be recommended and a Phase II may be needed.

Additionally, review of eMAP PA has identified five (5) abandoned mine lands (AML) located within the city limits of the City of Shamokin. These mines are identified as:

- Downtown Shamokin (PF ID 658532) located in northeastern Shamokin,
- Shamokin Marshallton (PF ID 656311) located in southeastern Shamokin,
- Shamokin Gap/West Side (PF 658533) located in northwest Shamokin,
- Fairview (PF ID 656314) located in southwestern Shamokin, and

- Ferndale (PF ID 656315) located at the southwestern top of Shamokin and extending into Coal Township.

The AML designation was indicated in the EDR database for some of the brownfield properties and is noted in the attached spreadsheet. If these properties are to be developed, AECOM recommends that the Pennsylvania Bureau of Mines be contacted to determine the status of mine abandonment and/or reclamation.

4.2 Economic Factor Ranking

Economic factor ranking was developed based on the location of the site, zoning, known or proposed development in the immediate area of the brownfield site, and location in the floodplain. There are three (3) levels of economic factor ranking indicated in the spreadsheet, which is summarized below:

- 1) Level 1 – Indicates addresses that are the most favorable for economic development. These addresses are located within the Federal Enterprise Zone and/or the Historic District within the town center and are typically zoned as commercial. These properties are located outside of the flood zone.
- 2) Level 2 – Indicates addresses with one (1) or more factors that makes them slightly less desirable for economic development. Factors that make a property slightly less desirable for economic development include a) being located outside of the Federal Enterprise Zone; b) being located outside of the Historic District; or c) being located within the flood zone. These properties are generally located close to the town center, making them slightly more favorable than the Level 3 ranking.
- 3) Level 3 – Indicates addresses with one (1) or more factors that make them less favorable for development. The primary factor in this ranking is that these properties are generally not located close to the town center, making them less economically desirable. Other factors include a) being located outside of the Federal Enterprise Zone; b) being located outside of the Historic District; c) being located within the flood zone.

This inventory does not identify all environmental or economic risks that could be encountered during redevelopment. The factors used are based on available resources and may not be all inclusive.

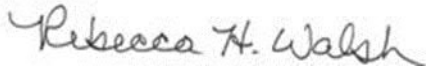
5.0 PROPOSED NEXT STEPS

Proposed next steps include a meeting with City of Shamokin officials, community group members and the community which will be performed as a conference call due to COVID 19 restrictions. At this meeting AECOM (Laura Cohen and Rebecca Walsh) will present the End-of-Project Report which is anticipated to occur in early June 2020.

Based on the information reviewed during the brownfields inventory evaluation, it is recommended that a Phase I ESA per the ASTM Standard (*ASTM E1527 - 13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*) be performed for each of the properties prior to considering any future use or development. This will provide a baseline to determine if further environmental investigations such as lead-based paint and/or asbestos testing as well as soil and/or groundwater sampling are needed. As part of the Phase I ESA, a file review at the regional PADEP office located in Williamsport, Pennsylvania is suggested to determine if there is additional information for each location. Additionally, the City of Shamokin should apply for site assessment grants using this inventory as a guide for determining which sites may be appropriate.

We appreciate the opportunity to be of service to the Department on this project. Please feel free to call the undersigned at (717) 796-8017, (717) 790-3443 or (717) 790-3407 to discuss any aspect of this work.

Sincerely,
AECOM Technical Services, Inc.



Rebecca Walsh, P.G.
Geologist



Gary J. Buterbaugh, P.G.
Program Manager



Laura Cohen, P.G.
Project Manager

LRC/hg

Attachments

cc: Alex Govelovich – Department (w/attachments)
Randy Farmerie – Department (w/attachments)
John Brakeall – Department (w/attachments)

REFERENCES

Barnhardt, Shaunna, Program Director, Places Studies Program, Bucknell University, January 28, 2020. Call discussing site surveys being performed by Bucknell students at four locations in the City of Shamokin: the former Shroyer Dress Factory, former Eagle Silk Mill, former Eagle Dye Works and former Korbich Lumber property. Discussed information available through Bucknell Digital Commons website <https://digitalcommons.bucknell.edu/do/search/?q=Shamokin&start=0&context=1948636&facet=>.

City of Shamokin, Pennsylvania 17872 Zoning Map. 1964. Provided by the City of Shamokin.

EDR Area/Corridor Report prepared for City of Shamokin, Pennsylvania 17872, dated February 27, 2020, Inquiry Number 5985374.5s. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

FEMA Flood Zone Hazard maps for the City of Shamokin, Pennsylvania 17872 website <https://msc.fema.gov/portal/search?>

Northumberland County GIS Tax Maps website <https://gis.norrycopa.net/NorthViewer/>

PADEP Activity Use Limitation (AUL) Registry website <http://www.depgis.state.pa.us/pa-aul/AulMap.html?>

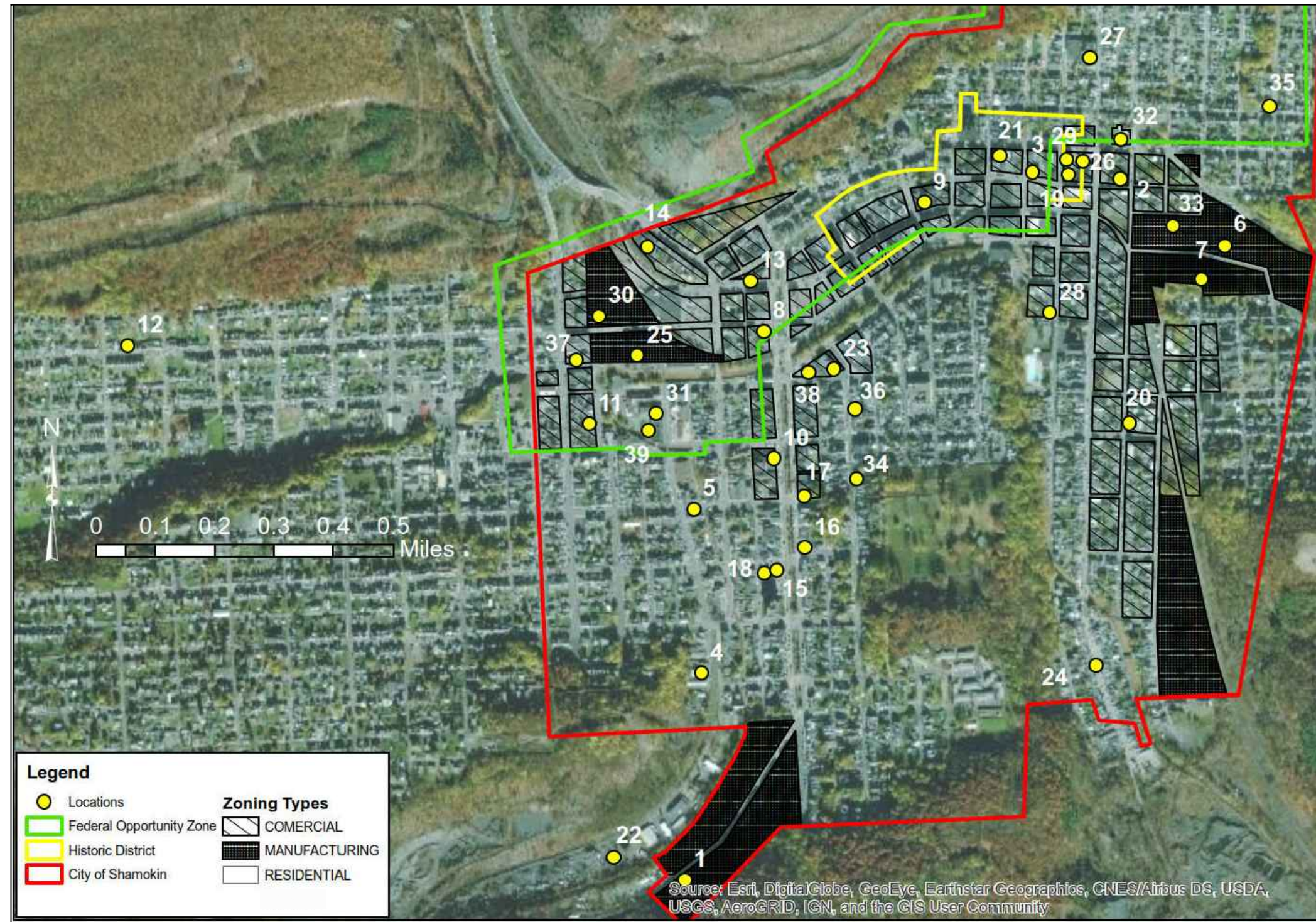
PADEP eFACTS website. https://www.ahs.dep.pa.gov/eFACTSWeb/criteria_sitesbymuni.aspx

PADEP eMAPS website. <http://www.depgis.state.pa.us/emappa/>

Sanborn maps for the City of Shamokin, Pennsylvania 17872 for the years 1885, 1891, 1896, 1901, 1907, 1931, 1922 and 1929 obtained from the Library of Congress website at <https://www.loc.gov/collections/sanborn-maps/?q=shamokin+pennsylvania> and the Penn State University website at <https://digital.libraries.psu.edu/digital/collection/maps1/search/searchterm/Shamokin%20Pennsylvania/fiel d/all/mode/all/conn/and/order/nosort/ad/asc/cosuppress/1>

Thompson, Jennifer, Assistant Professor of History, Bucknell University, January 28, 2020. Call discussing site surveys being performed by Bucknell students at four locations in the City of Shamokin: the former Shroyer Dress Factory, former Eagle Silk Mill, former Eagle Dye Works and former Korbich Lumber property. Discussed information available through Bucknell Digital Commons website <https://digitalcommons.bucknell.edu/do/search/?q=Shamokin&start=0&context=1948636&facet=>

ATTACHMENT 1
BROWNFIELDS LOCATION FIGURES



Citations:
 1. Zoning Types : City of Shamokin Zoning Map – 1964



FIGURE 1
 Brownfields Locations with
 Zoning Information
 CITY OF SHAMOKIN, PENNSYLVANIA
 June 2020 60618351



Citations:
 1. FEMA Flood Zone Hazards – FEMA Flood Map Service (MSC) – eff. 7/16/2008



FIGURE 2
 Brownfields Locations with Current
 Flood Zone Information
 CITY OF SHAMOKIN, PENNSYLVANIA
 June 2020 60618351



Citations:
 1. Preliminary FEMA Flood Zone Hazards - FEMA Flood Map Service (MSC) - 4/9/2019



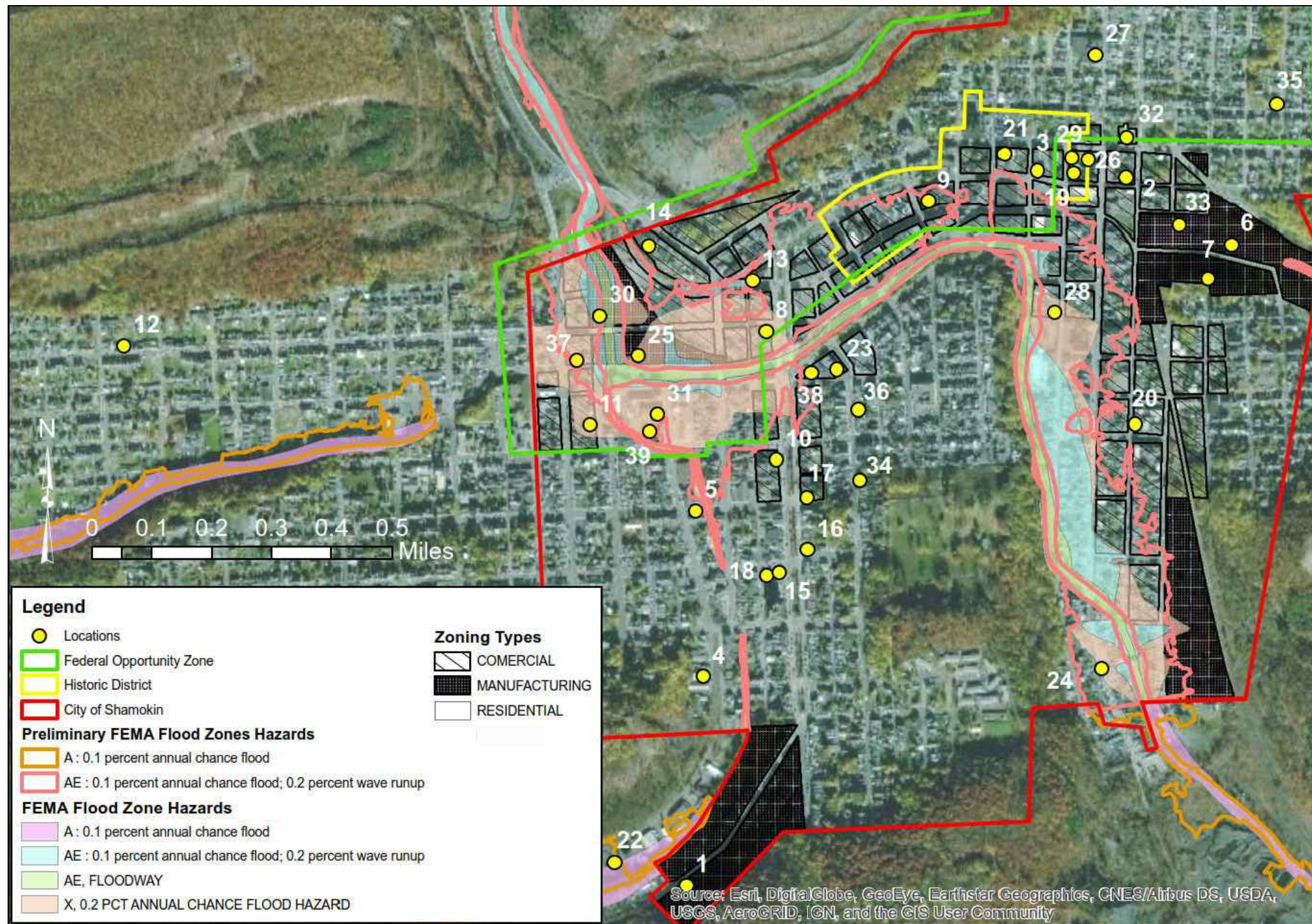
FIGURE 3

Brownfields Locations with Preliminary Flood Zone information (4/9/19)

CITY OF SHAMOKIN, PENNSYLVANIA

June 2020

60618351



- Citations:
1. FEMA Flood Zone Hazards – FEMA Flood Map Service (MSC) – eff. 7/16/2008
 2. Preliminary FEMA Flood Zone Hazards – FEMA Flood Map Service (MSC) – 4/9/2019
 3. Zoning Types : City of Shamokin Zoning Map – 1964



FIGURE 4
 Brownfields Locations with Flood Zone
 and Zoning Information
 CITY OF SHAMOKIN, PENNSYLVANIA
 June 2020 60618351

ATTACHMENT 2
BROWNFIELDS SPREADSHEET

Shamokin Brownfields Inventory Spreadsheet with
Preliminary Environmental Assessment and Economic Factor Ranking
June 24, 2020
Shamokin, Pennsylvania

Site Number	Site Name	eFACTS Primary Facility ID	Address	Parcel ID	Note	Environmental Assessment and Economic Factor Ranking ⁽¹⁾⁽²⁾	Area Designations	Environmental Ranking Justification and Notes	Economic Factor Ranking Justification and Notes	Suggested Next Steps
1	A&G Towing	707511	771 Bear Valley Ave	012-04-004-156	Leaded gas cleanup	3	C	Listed in the Abandoned Mine Land (\$112433131) database ; no Sanborn map coverage.	Privately Owned; Manufacturing District; Far from Town Center; Not in Flood Zone.	Phase I ESA w/ file review to confirm tank closure; review PA mine database to determine status.
2	Albertini garage	607743	700 N Franklin St	009-01-001-064	Inactive tank	2	C	Listed in EDR database ⁽³⁾ ; 1,000 and 550 gallon gasoline USTs closed without permit; previous use as repair and parking garage; Structure present since at least 1885. Potential lead paint and asbestos due to building age.	Privately Owned; Commercial District; Close to Town Center; Not in Flood Zone.	Phase I ESA w/ file review to confirm tank closure. Based on building age, lead paint and asbestos may be present.
3	Bottling House		301-303 Commerce Street	009-01-001-266	Petroleum Eligibility letter	1	C, F, H	Not listed in EDR database; previous use as brewery and bottleworks(-1901-1925). Potential lead paint and asbestos due to building age.	LLC Owned; Commercial and Historic District; Not in Floodplain.	Phase I ESA. Based on building age, lead paint and asbestos may be present.
4	Budget renovation & Roofing	607671	342 S 5th St	014-02-006-151	Inactive tank	2	C	Listed in EDR database; 50 gallon kerosene AST closed without permit; previous use for sheet metal; asbestos listed on 1929 Sanborn.	Privately Owned; Residential; Far from Town Center; Not in Floodplain.	Phase I ESA w/ file review to confirm tank closure. Based on building age, lead paint and asbestos may be present.
5	Cain Service Station	607469	350 W. Spruce (this address shows as 328-334 W. Spruce Street)	014-01-006-215	Inactive Tank	2	C	Listed in EDR database: one 3,000 gal and two 4,000 gal gasoline USTs; LUST 2003-2012.	Privately Owned; Commercial District; Close to Town Center; Not in Floodplain.	Phase I ESA w/ file review to confirm status of LUST.
6	Penn Pwr & Lgt Shamokin Gas	624004	Water St	015-02-007-191	Now used by UGI	3	C	Listed in EDR database; PA Voluntary Cleanup Program for Soil and Groundwater; Manufactured Gas Plant with two gas holders; under 2005 Consent Order Agreement with PPL, amended 2008.	Corporate Ownership; Public utility - Manufacturing; Far from Town Center; Not in Flood Zone.	Phase I ESA w/ file review to determine status of cleanup.
7	Eagle silk mill (former); former Eagle dye?		Water St	010-02-002-209	Vacant lot currently	3	C	Not listed in EDR database; former Silk Mill (before 1922 - ?) w/power plant; asbestos; eFACTS - waste management.	Corporate Ownership; Industrial - Manufacturing; Far from Town Center; Not in Flood Zone.	Phase I ESA w/ possible Phase II.
8	Economy Station	LRS 707069 ST 607511	Market & Walnut	011-01-003-026	Inactive tank	2 ⁽⁴⁾	C, F	Listed in EDR database; LUST with cleanup complete 6/29/2000.	Corporate Ownership; Commercial; Federal Opportunity Zone; In Flood Zone.	Phase I ESA w/ file review to confirm tank closure.
9	Edison Jones Hotel Project		115 E. Independence Street	016-01-008-170	Petroleum Eligibility letter	2 ⁽⁴⁾	C, F, H	Not listed in EDR database; former Edison Electric Illuminating Co. (before 1885 - 1900) w/coal. Potential lead paint and asbestos due to building age.	LLC Owned; Commercial and Historic District; In Flood Zone.	Phase I ESA w/ possible Phase II. Based on building age, lead paint and asbestos may be present.
10	Guaranty Bank		10 S Market	012-01-004-103	Inactive tank	1	C, H	Not listed in EDR database; residential and retail businesses. Potential lead paint and asbestos due to building age.	Business owned; Commercial District; Not in Flood Zone.	Phase I ESA w/ file review to determine status of the tank. Based on building age, lead paint and asbestos may be present.
11	Heitzman Radiator and glass	607669	20 N 3rd St	018-01-010-144	Inactive tank	1	C, F	Listed in EDR database; LUST with cleanup complete 6/30/1996; Additional LUST listings 1997-2001. Potential lead paint and asbestos due to building age.	Privately owned; Commercial District; Federal Opportunity Zone; Not in Flood Zone.	Phase I ESA w/ file review to determine status of the tank. Based on building age, lead paint and asbestos may be present.
12	Incident Response Walnut St	644907	1437 W Walnut St	001-02-001-060	Heating Oil tank site - 2 vacant lots	3	T	Not listed in EDR database; Residential (-1913 - present); 11/18/03 release which has been closed.	Privately Owned; Residential; Coal Twp.; Far from Town Center; Not in Flood Zone.	Phase I ESA w/ file review; Located in outside City of Shamokin.
13	Independence St station	607485	209 W Independence	017-01-009-200	Inactive tank	2	C, F	Listed in EDR database; LUST cleanup complete 12/5/14; AUL w/ environmental covenant.	Corporate Ownership; Commercial; In Federal Opportunity Zone; In Flood Zone.	Phase I ESA w/ file review to confirm status.

Site Number	Site Name	eFACTS Primary Facility ID	Address	Parcel ID	Note	Environmental Assessment and Economic Factor Ranking ⁽¹⁾⁽²⁾	Area Designations	Environmental Ranking Justification and Notes	Economic Factor Ranking Justification and Notes	Suggested Next Steps
14	Jack Williams Tire	607646	912-916 N 6th St	017-01-009-026 00D-00-067-062 00D-00-067-063 00D-00-067-064	Inactive tank	1	C, F	Listed in EDR database; LUST cleanup complete 2/17/91; LUST listings 1997-2012; former Shamokin Manufacturing Co. (1891-1913). Potential lead paint and asbestos due to building age.	Corporate Ownership; Commercial; In Federal Opportunity Zone; Not in Flood Zone.	Phase I ESA w/ file review to determine tank status. Based on building age lead paint and asbestos may be present.
15	Klembara Service Station	607670	214 W Pine St (this address shows as 200 S. Market Street)	012-01-004-072	Inactive tank	2	C	Listed in EDR database; 1000, 2000, and 3000-gal gas USTs closed without permit. Potential lead paint and asbestos due to building age.	Privately Owned; Residential; Far from Town Center; Not in Flood Zone.	Phase I ESA w/file review. Based on building age lead paint and asbestos may be present.
16	Lucas Funeral Home	524003	141 S Market St	012-01-004-142	Heating Oil tank leak	3	C	Listed in EDR database; Unregulated LUST; tank cleanup not reported; residential structure since at least 1881. Potential lead paint and asbestos due to building age.	Privately Owned; Residential; Far from Town Center; Not in Flood Zone.	Phase I ESA w/ file review to determine cleanup status. Based on building age lead paint and asbestos may be present.
17	Macelwees	607738	49 S. Market St	012-01-004-125		2	C	Listed in EDR database; 2-2,000-gal and a 1,000-gal gas USTs closed without permit. Commercial/residential structure since at least 1885. Potential lead paint and asbestos due to building age.	Privately Owned; Commercial; Close to Town Center; Not in Flood Zone.	Phase I ESA w/file review. Based on building age lead paint and asbestos may be present.
18	Madden Welding	624005	224 W Pine St; Michael Klembara listed as owner/operator (see #15)	012-01-004-073	Cleanup site	2	C	Listed in EDR database; Cleanup performed in-house; completed 3/1/84. Garage since at least 1929. Potential lead paint and asbestos due to building age.	LLC Owned; Commercial; Far from Town Center; Not in Flood Zone.	Phase I ESA with file review to determine cleanup. Based on building age lead paint and asbestos may be present.
19	News Item	661145	707 N Rock St, 40.78, -76.55833	009-01-001-253	Act 2 cleanup, leaking tank	1	C	Listed in EDR database; VCP for GW; status complete; approved 9/3/09; a garage from at least 1922-1929. Potential lead paint and asbestos due to age of building.	Corporate Ownership; Commercial and Historic District; Not in Flood Zone.	Phase I ESA w/ file review. Based on building age lead paint and asbestos may be present.
20	Raup Lumber	607708	601 E Chestnut	013-01-005-177	Inactive tank	2	C	Listed in EDR database; 500 gallon gasoline UST closed without permit. Commercial building since at least 1885. Potential lead paint and asbestos due to building age.	Privately Owned; Commercial; Not Close to Town Center; Not in Flood Zone.	Phase I ESA w/ file review. Based on building age lead paint and asbestos may be present.
21	Roaring Creek Water Co	607355	204 E Sunbury St	016-01-008-138	Inactive tank	1	C, F, H	Listed in EDR database; 1,000 gallon gasoline UST closed without permit. Potential lead paint and asbestos due building age.	Corporate Ownership; Public utility - Commercial; Historical District and Federal Enterprise Zone; Not in Flood Zone.	Phase I ESA w/ file review. Based on building age lead paint and asbestos may be present.
22	Rosini Coal Co Inc	607437	845 S 5th St	00H-01-067-279 00H-01-067-280 00H-01-067-281 00H-01-067-282	Inactive tank	3	T	Listed in EDR database; 1,000-gal gasoline UST, Abandoned coal mine facility	Corporate Ownership; Industrial; Located in Coal Twp.; Far from Town Center; In Flood Zone.	Phase I ESA w/ file review; Review AML database and maps.
23	Shamokin Dial OFC GLC35129	607385	106 W Lincoln St (EDR listing as Bell of PA)	011-01-003-033	Inactive tank	3	C	Listed in EDR database; 6,000 gallon heating oil UST, 275 gallon diesel AST, status unknown.	Corporate Ownership; Public utility - Commercial; Far from Town Center; Not in current Flood Zone but located in Preliminary Flood Zone.	Phase I ESA w/ file review to confirm tank closure. Based on building age, lead paint and asbestos may be present.
24	Shamokin Ready Mix Plt	607456	Shamokin St	00F-00-067-103	Inactive tank	3	C	Listed in EDR database; 1,000 and 3,000 gallon diesel fuel USTs closed without a permit; Land use-Industrial	Privately Owned; Manufacturing District; Far from Town Center (Coal Twp.); In Flood Zone.	Phase I ESA w/ file review to confirm tank closure. Based on building age, lead paint and asbestos may be present.
25	Shamokin City warehouse	607659	4 th and Water 40.808, -76.6125	018-01-010-052	Inactive tank	2	C, F	Not listed in EDR database; location of former coal power plant (~1901 - at least 1929). Currently a parking lot.	City of Shamokin; Manufacturing District; Federal Enterprise Zone; In Flood Zone.	Phase I ESA w/ file review.
26	Shamokin Exxon	607347	434 E Sunbury St	009-01-001-247	Active tank, station not currently selling gas, Act 2 closure	1	C, F, H	Listed in EDR database; three 8,000 gallon gasoline USTs temporarily out-of-use; LUST for soil and GW cleaned up 3/27/19; AUL signed 4/1/19.	Privately Owned; Commercial; Historic District; Not in Flood Zone.	Phase I ESA w/ file review.
27	Shroyer Dress factory		1012 N Shamokin St	009-01-001-161 009-01-001-139	Recently demolished	2	C	Not listed in EDR database; Industrial; former Shamokin Dress Company ~1929 - ?	Privately Owned; Industrial; Located far from Town Center; Not in Flood Zone.	Phase I ESA w/ possible Phase II.

Site Number	Site Name	eFACTS Primary Facility ID	Address	Parcel ID	Note	Environmental Assessment and Economic Factor Ranking ⁽¹⁾⁽²⁾	Area Designations	Environmental Ranking Justification and Notes	Economic Factor Ranking Justification and Notes	Suggested Next Steps
28	Shingara Sales and Serv	607373	300 N Rock	010-01-002-087	Inactive tank	3	C	Listed in EDR database; four 1,000-gal, a 2,000-gal, and a 4,000-gal gasoline USTs closed without permit.	Privately Owned; Commercial; Located far from Town Center; In Flood Zone.	Phase I ESA w/ file review.
29	Sunbury St Assoc	607541	400 E Sunbury	009-01-001-254	Inactive tank	1	C, H	Listed in EDR database; 10,000-gal heating oil UST; former Post Office building. Potential lead paint and asbestos due to building age.	Privately Owned; Residential; Commercially Zoned in Historic District; Not in Flood Zone.	Phase I ESA. Based on building age, lead paint and asbestos may be present.
30	Syl Worhaz Ford dealer	607374	555 N 3rd St	018-01-010-057	Inactive tank	1	C, F	Listed in EDR database; Two 200-gal used motor oil UST and a 275-gal used oil AST. Potential lead paint and asbestos due to building age.	Privately Owned; Commercial; Zoned Manufacturing; Federal Opportunity Zone; In Flood Zone.	Phase I ESA. Based on building age, lead paint and asbestos may be present.
31	Weller Vending	607326	30 N 5th	018-01-010-035	Inactive tank	1	C, F	Listed in EDR database; 6,000-gal unleaded gasoline UST. Potential lead paint and asbestos due to building age.	Corporate Ownership; Commercial; Federal Opportunity Zone; In Flood Zone.	Phase I ESA w/ file review. Based on building age lead paint and asbestos may be present.
Additional Locations Listed as Brownfields in eFACTS for the City of Shamokin but not included in the PADEP list or on the Map										
32	Uni Mart 04136	607515	517 E Sunbury St	009-01-001-071	AUL database; Environmental Covenant recorded 3/25/2019	1	C, F	Listed in EDR database; two 10,000 gasoline and a 2,000 kerosene UST; LUST 8/23/11 w/ soil and GW impacts; 12/7/16 Cleanup complete; 2/26/19 AUL signed.	Trust Owned; Commercial; Federal Enterprise Zone; Not in Flood Zone.	Phase I ESA w/ file review to determine status.
33	Indian Hills Trucking Co. Spill		511 N Franklin St	009-01-001-040	Diesel spill	3	C	Not listed in EDR database; Diesel spill 7/12/11; amount unknown; closed 7/13/11, inactive. Former Silk Mill (before 1922 - ?)	Redevelopment Authority of the City; Manufacturing district; Far from City Center; Not in Flood Zone.	Phase I ESA w/ file review to determine status.
34	John Property Spill Cleanup		39 S 7th St	012-01-004-258	Industrial waste spill	3	C	Not listed in EDR database; unidentified spill 6/10/02; amount unknown; corrected.	Privately Owned; Residential; Far from Town Center; Not in Flood Zone.	Phase I ESA w/ file review to determine status.
35	John Starzel		925 Dewart St	015-01-007-235-A	Unregulated LUST	3	C, F	Listed in EDR database; LUST 1998-2001; Closure not reported.	Privately Owned; Residential; Far from Town Center; Not in Flood Zone.	Phase I ESA w/ file review to determine status.
36	Robert Phillips Cleanup		25 N. 7th St	011-01-003-149	Spill	2	C	Not listed in EDR database; Industrial waste spill 5/3/11; amount unknown; closed 5/27/11.	Privately Owned; Residential; Not in Flood Zone.	Phase I ESA w/ file review to determine status.
37	Turkey Hill 135		501 N 2nd St	018-01-010-110	Brownfields listing	2	C, F	Listed in EDR database; two 6,000 and a 4,000 gasoline UST; no spills listed in database.	LLC Owned; Commercial; Federal Enterprise Zone; In Flood Zone.	Phase I ESA w/ file review to determine status.
38	Turkey Hill 184		140 W Lincoln St	011-01-003-032	Regulated LUST	1	C	Listed in EDR database; two 8,000 and a 6,000 gasoline UST; LUST 1/7/16 w/ soil impacts; remedial action initiated.	Privately Owned; Commercial; Not In Flood Zone.	Phase I ESA w/ file review to determine status.
39	Wilson Testing Lab		401 W Chestnut St	018-01-010-015	Regulated LUST	1	C, F	Listed in EDR database; 6,000 gallon gasoline UST; LUST soil and GW 8/5/89; Cleanup complete 5/23/97; LUST 1997-2012.	Corporate Ownership; Commercial; Federal Opportunity Zone; In Flood Zone.	Phase I ESA w/ file review to determine status.

Legend:

- = Potential for low environmental risk associated with the property
- = Potential for medium environmental risk associated with the property
- = Potential for high environmental risk association with the property
- 1 = Most favorable area for economic development
- 2 = Favorable area for economic development
- 3 = Least favorable area for economic development

Acronyms:

- AML - Abandoned Mine Land
- AST - Aboveground Storage Tank
- AUL - Activity Use Limitation
- ESA - Environmental Site Assessment
- GW - Groundwater
- LLC - Limited Liability Company
- LUST - Leaking Underground Storage Tank
- UST - Underground Storage Tank
- VCP - Pennsylvania Act 2 Voluntary Cleanup Program

Area Designations:

- C - Located in the City of Shamokin
- F - Located in the Federal Opportunity Enterprise Zone
- H - Located in the Historic District
- T - Located in Coal Township

(1) - This inventory is meant as a guide for developers and other interested parties. All sites included on this list could be considered for redevelopment regardless of ranking as there are various grants programs available to assess and clean up contaminated sites.

(2) - This inventory does not identify all environmental or economic risks that could be encountered during redevelopment. The factors used are based on available resources and may not be all inclusive.

(3) - Environmental Data Resources (EDR) Database Report prepared for City of Shamokin, Pennsylvania 17872, dated February 27, 2020, Inquiry Number 5985374.5s. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com. The EDR database report contains reasonably ascertainable local, state, tribal, and federal environmental regulatory agency databases for the City of Shamokin to assist in assessing potential brownfields.

(4) - These properties have a Economic Ranking of '2' as they are located in the flood zone.