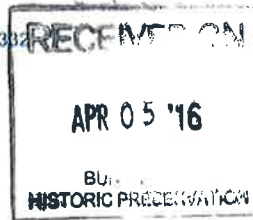


Appendix F: PHMC Coordination

RECEIVED APR 18 2016

Hazen

Hazen and Sawyer
2134 Sandy Drive, Suite 4
State College, PA 16803 • 814.272.3302



March 31, 2016

Pennsylvania Historical and Museum Commission
Bureau of Historic Preservation
400 North Street, Second Floor
Harrisburg, PA 17120-0093

Re: PHMC Cultural Resource Notice for the Pennsylvania State University Water Reuse System

To whom it may concern:

A new water reuse system is being constructed in State College Borough, College Township, and Ferguson Township—within Centre County—to serve the Pennsylvania State University. The University is planning to upgrade its wastewater treatment plant in the next several years. As part of this upgrade the University will be able to treat its wastewater to Class A standards for the purpose of water reuse. The proposed water reuse system would then allow the University to convey its Class A reuse water to various end users across the campus.

The project is titled the Pennsylvania State University Water Reuse System, and this PHMC Cultural Resource Notice is for the area that will be disturbed during this project.

Please find attached:

- 1- Signed Cultural Resource Notice Form
- 1- Document Containing Project Description
- 1- 7.5' USGS Map of the Project Area
- 1- Full Size GIS Breakdown of the Areas of Disturbance (2 Sheets)
- 3- Half Size GIS Breakdown of the Areas of Disturbance (2 Sheets)

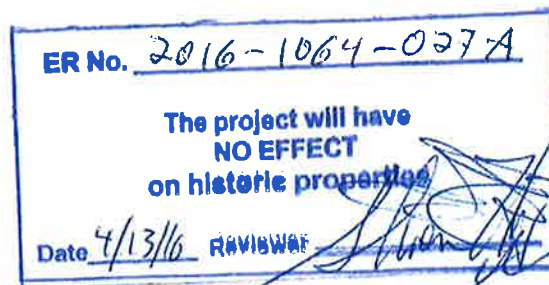
If you have any questions, please do not hesitate to contact me.

Very truly yours,

A handwritten signature in black ink that reads "Mark Strahota".

Mark Strahota, PE
Associate

Enclosure





Hazen and Sawyer
2134 Sandy Drive, Suite 4
State College, PA 16803 • 814.272.3332

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Associate

Enclosure

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®

7014 2120 0003 9521 5484


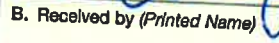
OFFICIAL USE

Postage	\$ 6.70
Certified Fee	3.45
Return Receipt Fee (Endorsement Required)	2.80
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 12.95



PS Form 3800, July 26-14 See Reverse for Instructions

Ship to
 Street & Apt. No.
 or PO Box No. 400 North Street, Second Floor
 City, State, ZIP+4®
 Harrisburg, PA 17120

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. 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. 	<p>A. Signature </p> <p>B. Received by (Printed Name) </p> <p>C. Date of Delivery APR 04 2016</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: PA Historical & Museum Commission Bureau of Historical Preservation 400 North Street, Second Floor Harrisburg, PA 17120</p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™ <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery</p>
<p>2. Article Number (Transfer from service label) 7014 2120 0003 9521 5484</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>



CULTURAL RESOURCE NOTICE

DEP USE ONLY
Date Received

Read the instructions before completing this form.

SECTION A. APPLICANT IDENTIFIER	
Applicant Name	<u>The Pennsylvania State University</u>
Street Address	<u>Physical Plant Building</u>
City	<u>University Park</u> State <u>PA</u> Zip <u>16802</u>
Telephone Number	<u>814-863-5536</u>
Project Title	<u>Penn State Univeristy Water Reuse System</u>
SECTION B. LOCATION OF PROJECT	
Municipality	<u>College Twp, Ferguson Twp, & State College Borough</u> County Name <u>Centre</u> DEP County Code <u>14</u>
SECTION C. PERMITS OR APPROVALS	
Name of Specific DEP Permit or Approval Requested:	
Anticipated federal permits:	
<input type="checkbox"/> Surface Mining	<input type="checkbox"/> 404 Water Quality Permit
<input type="checkbox"/> Army Corps of Engineers	<input type="checkbox"/> Federal Energy Regulatory Commission
<input type="checkbox"/> 401 Water Quality Certification	<input type="checkbox"/> Other: _____
SECTION D. GOVERNMENT FUNDING SOURCES	
<input checked="" type="checkbox"/> State: (Name) <u>The Pennsylvania State University</u>	<input type="checkbox"/> Local: (Name) _____
<input type="checkbox"/> Federal: (Name) _____	<input type="checkbox"/> Other: (Name) _____
SECTION E. RESPONSIBLE DEP REGIONAL, CENTRAL, DISTRICT MINING or OIL & GAS MGMT OFFICE	
DEP Regional Office Responsible for Review of Permit Application	<input type="checkbox"/> Central Office (Harrisburg)
<input type="checkbox"/> Southeast Regional Office (Norristown)	<input type="checkbox"/> Northeast Regional Office (Wilkes-Barre)
<input type="checkbox"/> Southcentral Regional Office (Harrisburg)	<input checked="" type="checkbox"/> Northcentral Regional Office (Williamsport)
<input type="checkbox"/> Southwest Regional Office (Pittsburgh)	<input type="checkbox"/> Northwest Regional Office (Meadville)
<input type="checkbox"/> District Mining Office: _____	<input type="checkbox"/> Oil & Gas Office: _____
SECTION F. RESPONSIBLE COUNTY CONSERVATION DISTRICT, if applicable.	
County Conservation District	Telephone Number, if known
<u>Centre County Conservation District</u>	<u>814-355-6817</u>
SECTION G. CONSULTANT	
Consultant, if applicable	<u>Hazen and Sawyer P.C., Mark Strahota, P.E.</u>
Street Address	<u>2134 Sandy Drive, Suite 4</u>
City	<u>State College</u> State <u>PA</u> Zip <u>16803</u>
Telephone Number	<u>814-272-3332</u>

SECTION H. PROJECT BOUNDARIES AND DESCRIPTION

REQUIRED

Indicate the total acres in the property under review. Of this acreage, indicate the total acres of earth disturbance for the proposed activity.

Attach a 7.5' U.S.G.S. Map indicating the defined boundary of the proposed activity.

Attach photographs of any building over 50 years old. Indicate what is to be done to all buildings in the project area.

Attach a narrative description of the proposed activity.

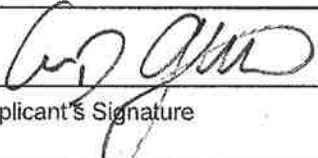
Attach the return receipt of delivery of this notice to the Pennsylvania Historical and Museum Commission.

REQUESTED

Attach photographs of any building over 40 years old.

Attach site map, if available.

SECTION I. SIGNATURE BLOCK

 Applicant's Signature	3/31/2016 Date of Submission of Notice to PHMC
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Hazen and Sawyer
2134 Sandy Drive, Suite 4
State College, PA 16803 • 814.272.3332

Pennsylvania State University Reuse Water System-- Project Description

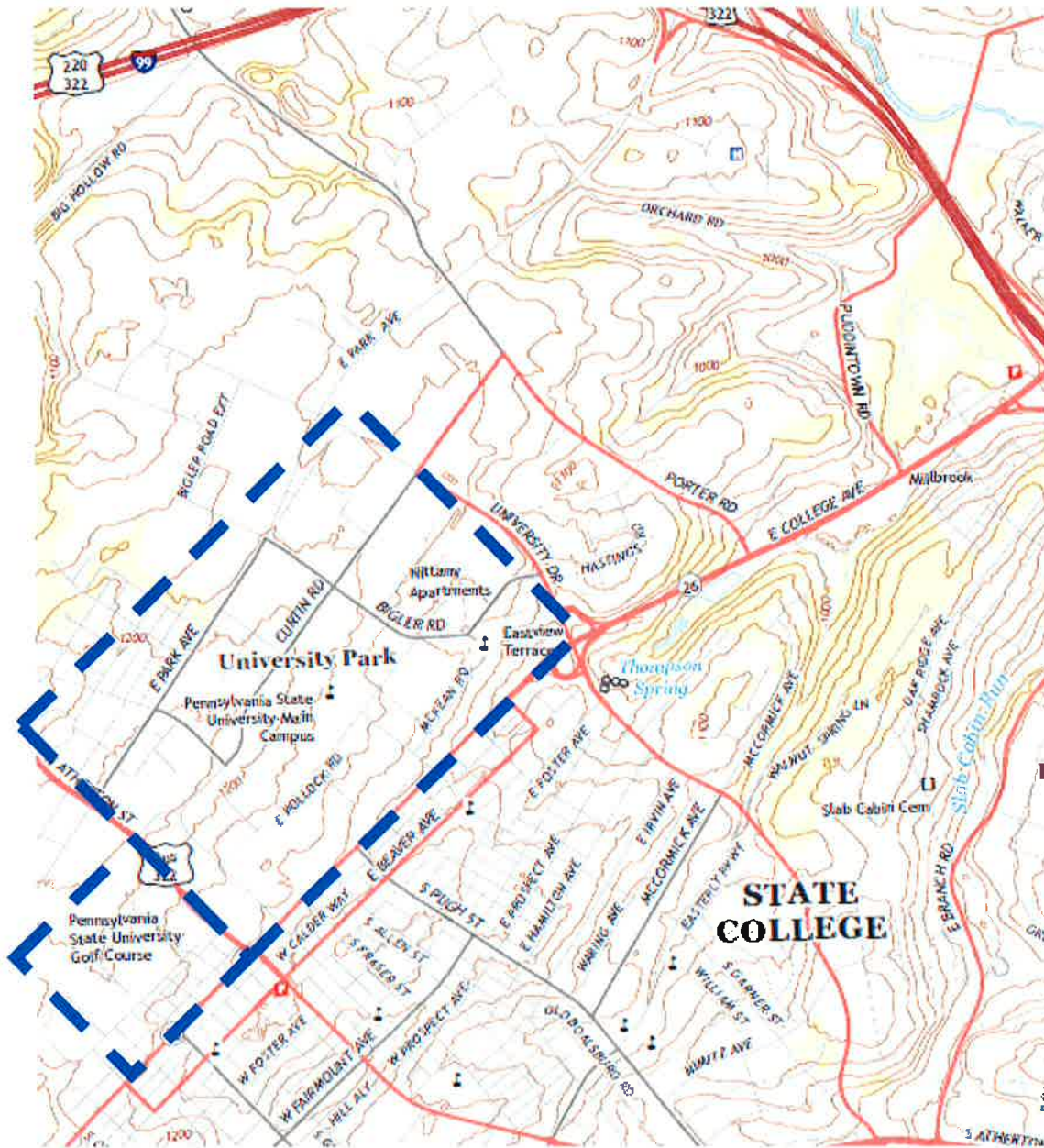
The Pennsylvania State University is undergoing master planning efforts for a water reuse system at its University Park campus. Currently, the University also owns and operates its wastewater treatment plant, which treats wastewater generated on the campus and a small portion of wastewater from State College Borough. The facility currently provides Class C reuse effluent that is discharged at the University's Living Filter spray fields. In the next several years, the University is planning to upgrade its wastewater treatment plant. As part of the upgrade, the University will have the capability to treat its wastewater to Class A standards for the purpose of water reuse. In order for the University to make use of the Class A reuse water, a reuse water distribution system must be established in order to convey reuse water to the various end users within the University.

Although the upgrades to the wastewater treatment plant will not be completed in the immediate future, the University intends to work on the completion of its reuse water system. The University's goal is to gradually install the system by completing the work in conjunction with other utility projects on campus. By doing so, when reuse water becomes available after upgrades to the wastewater treatment plant, the reuse water system will already be in place and ready to use. Before the system is used, however, the pipes will remain disconnected and sealed.


The reuse water system will be installed throughout the University Park campus, entirely within previously disturbed areas, and primarily within existing utility corridors. Some of the piping has already been installed in recent years, but only in conjunction with other projects. The University is requesting retroactive approval of the piping already installed, as well as the future piping shown on the enclosed exhibits.

The total property of the Pennsylvania State University consists of approximately 1,600 acres in College Township, but there are several other large parcels owned by the University that are adjacent to this parcel in neighboring municipalities. The reuse water system itself will be located within parts of College Township, Ferguson Township, and State College Borough.

A GIS map has been provided in addition to a topographic map to illustrate where the reuse lines for the reuse water system will be located. It also shows the intended end users of the reuse water. From the GIS map, it can be seen that the majority of the reuse water lines will be installed within roadways and in locations where other utilities have already been installed. In addition, no existing buildings are expected to be affected by the construction of the reuse water system.

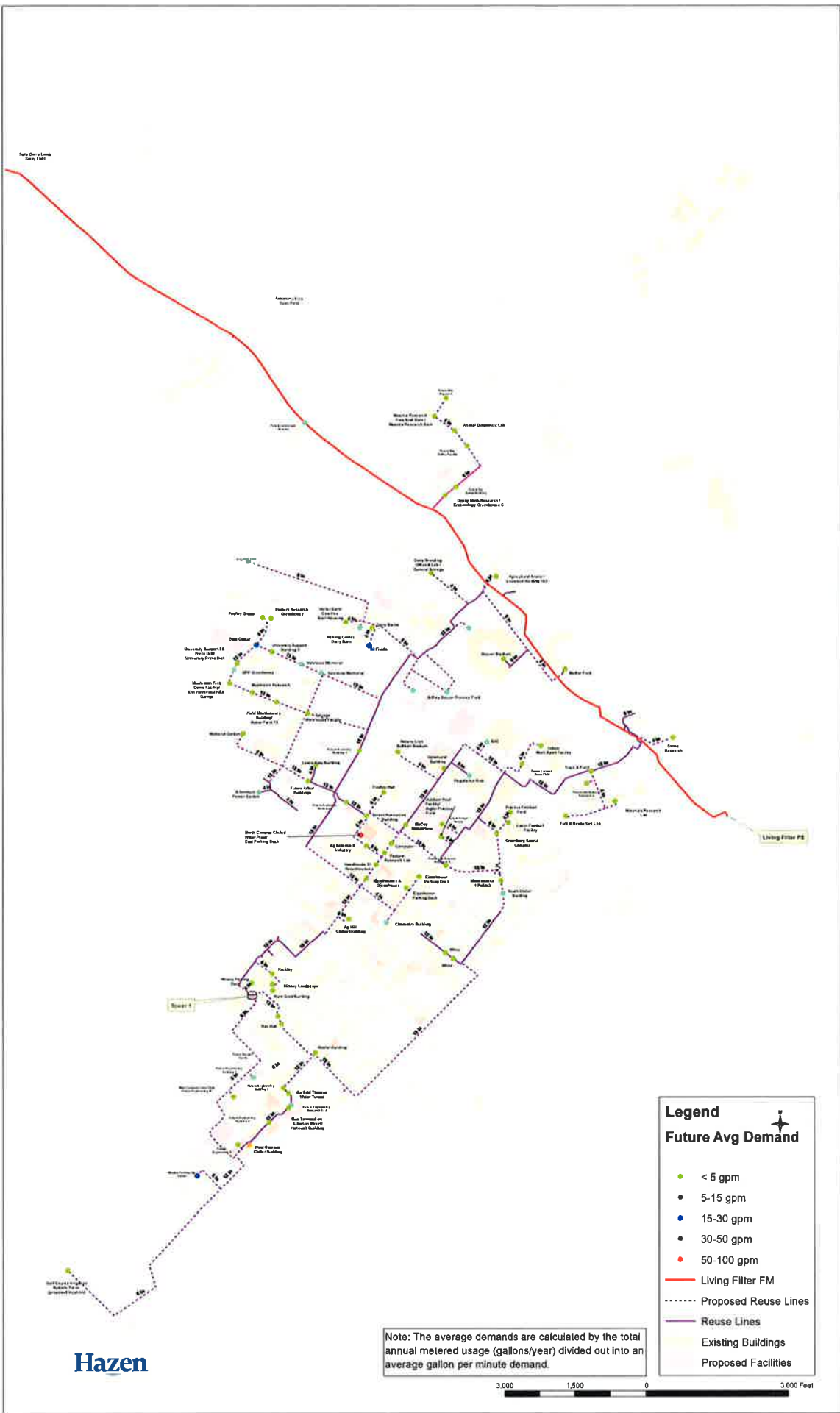


FROM USGS STATE COLLEGE (PA) 7.5 MINUTE TOPOGRAPHIC MAP, STATE COLLEGE

 Indicates the area in which the majority of the reuse lines are proposed

Total disturbed acreage: 7.5 acres

Note: The above topographic map shows the general location of the proposed Pennsylvania State University Reuse Water System. A more detailed layout, which shows the location of the proposed Reuse lines can be seen in attached GIS documents.



Hazen

Note: The average demands are calculated by the total annual metered usage (gallons/year) divided out into an average gallon per minute demand.

Legend

Future Avg Demand

- < 5 gpm
- 5-15 gpm
- 15-30 gpm
- 30-50 gpm
- 50-100 gpm
- Living Filter FM
- Proposed Reuse Lines
- Reuse Lines
- Existing Buildings
- Proposed Facilities

