

Equitrans, L.P.
Equitrans Expansion Project
Docket No. CP16-13-000
Supplemental Materials Submitted October 31, 2016

Attachment J

Correspondence between Equitrans and the Pennsylvania SHPO (January 2016 – Present)



February 17, 2016

Andrea MacDonald, Deputy SHPO

Attention: Kira M. Heinrich, Archaeological Project Reviewer (Western Region)

Pennsylvania State Historic Preservation Office

Commonwealth Keystone Building

400 North Street

Harrisburg, PA 17120

Subject: Equitrans Expansion Project (FERC Docket No. CP16-13-000)
Phase I Archaeological Survey Report, Greene, Allegheny, and Washington Counties,
Pennsylvania
ER No. 2015-1446-042
Request for Comment Pursuant to Section 106 of the National Historic Preservation Act

Dear Ms. MacDonald:

On behalf of Equitrans, LP of Pittsburgh, Pennsylvania, Tetra Tech, Inc., hereby submits one copy of a report, *Equitrans Expansion Project (FERC Docket No. CP16-13-000)—Phase I Archaeological Survey: Jefferson, Morgan, & Franklin Townships, Greene County; Forward Township, Allegheny County; and Union Township, Washington County, Pennsylvania*. The report describes the results of a Phase I archaeological survey for the Pennsylvania elements of the proposed project. An updated Project Review Form is also included with this submittal. Tetra Tech also previously submitted an architectural survey report on this project for your agency's review, which was sent on January 28, 2016.

Equitrans has applied to the Federal Energy Regulatory Commission (FERC) for a Certificate of Public Convenience and Necessity pursuant to Section 7(c) of the Natural Gas Act authorizing it to construct and operate the proposed project (FERC Docket No. CP16-13-000). Please review the report in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended. We would also specifically like to request comment on the Unanticipated Discoveries Plan for this project, found in Appendix I of the report.

To ensure accurate filing of your review, note that your agency may also have correspondence concerning this project under ER Nos. 2015-2081-042 and 2015-1694-042. The ER number employed here, 2015-1446-042, was provided on July 27, 2015, in response to our initial technical data submittal of July 8, 2015, and is the one we will be using to reference this project moving forward.

Should you require additional information to complete this review, contact me at (973)-630-8358 or by e-mail at chris.borstel@tetrattech.com.

Thank you for your assistance in this matter.

Sincerely yours,

A handwritten signature in blue ink, reading 'Christopher L. Borstel', written over a light blue circular stamp.

Christopher L. Borstel, Ph.D., RPA

Cultural Resources Specialist

Cc: S. Haugh, Tetra Tech

T. Pellerin, Tetra Tech

S. Frazier, Equitrans

Encl.

Tetra Tech, Inc.

1000 The American Road, Morris Plains, NJ 07950
Tel 973.630.8000 Fax 973.630.8025 www.tetrattech.com

SHPO DETERMINATION (SHPO USE ONLY)		SHPO REVIEWER:	
<input type="checkbox"/>	There are NO HISTORIC PROPERTIES in the Area of Potential Effect	<input type="checkbox"/>	The project will have NO ADVERSE EFFECTS WITH CONDITIONS (see attached)
<input type="checkbox"/>	The project will have NO EFFECT on historic properties	<input type="checkbox"/>	SHPO REQUESTS ADDITIONAL INFORMATION (see attached)
<input type="checkbox"/>	The project will have NO ADVERSE EFFECTS on historic properties:		



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

22 March 2016

Christopher Borstel
Cultural Resources Specialist
Tetra Tech
1000 The American Road
Morris Plains, NJ 07950

RE: ER 2015-1446-042-C
FERC: Phase I Archaeological Survey, Equitrans Expansion Project FERC Docket
#CP16-13-000, Allegheny and Washington Counties

Dear Mr. Borstel,

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

This report meets our standards and specifications as outlined in Guidelines for Archaeological Investigations in Pennsylvania (BHP 2008) and the Secretary of the Interior's Guidelines for Archaeological Documentation. It is our opinion that the following archaeological sites are not eligible for the National Register of Historic Places and no further work is needed for these site areas:

36WH1707 (EEP-P2), 36GR0468 (EEP-H1), 36AL0696 (EEP-H3), 36WH1705 (EEP-H2).

It is our opinion that the portion of archaeological site 36AL0697 within the area of potential effect (APE) would not contribute to the overall site eligibility. No further work is needed within the site area. Should the APE change, and additional ground disturbance in this vicinity become necessary our office should be contacted as additional archaeological investigation may be necessary.

It is our opinion that archaeological site 36WH1706 should be avoided or undergo Phase II level evaluation for National Register eligibility.

No further archaeological work is necessary for the remainder of the project area.

Please send one bound copy and three digital copies (PDF preferred) on separate CDs of the final report for our files. For all copies, photographs must adhere to the National Register Photo Policy.

Thank you for submitting the Unanticipated Discoveries Plan in Appendix I. Please revise this plan and resubmit it under separate cover to address the following concerns:

- 1) Please include a drill bore failure plan (frac-out plan) for those areas where surface impacts are to be avoided through HDD.

- 2) Please correct section 8(a)i and 8(a)ii. These sections state that the PA SHPO will be responsible for contacting potential lineal decedents and culturally affiliated groups within one week of an unanticipated discovery. And that PA SHPO will develop and direct a final treatment plan for the discovery. Neither of these actions are the role of the SHPO office. The federal agency is responsible for the identification of decedents and affiliated groups. SHPO may participate in this activity but does not take the lead role. Further, it is the project proponent and or archaeological consultant for the project who is responsible for drafting a treatment plan and the federal agency who is responsible for ensuring that plan is undertaken. The treatment plan should be provided to the SHPO for comment.

If you need further information regarding archaeological resources, please contact Kira Heinrich at kiheinrich@pa.gov or at (717) 705-0700. If you need further information concerning above ground resources, please contact Barbara Frederick at bafrederic@pa.gov or at (717) 772-0921.

Sincerely,

A handwritten signature in dark ink, appearing to read 'D. McLearn', with a long horizontal flourish extending to the right.

Douglas C. McLearn, Chief
Division of Archaeology & Protection

DCM/kmh



TETRA TECH

September 23, 2016

Douglas C. McLearen, Chief, Division of Archaeology & Protection
Attention: Kira M. Heinrich, Archaeological Project Reviewer (Western Region)
Pennsylvania State Historic Preservation Office
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

Subject: Equitrans Expansion Project (FERC Docket No. CP16-13-000)
Phase I Archaeological Survey Report, Greene, Allegheny, and Washington Counties,
Pennsylvania
ER 2015-1446-042 (cross-referenced with ER 2015-2081-042 and ER 2015-1694-042)
Final Phase I Archaeological Survey Report

Dear Mr. McLearen:

Thank you for your letter of March 22, 2016 commenting on our Phase I archaeological survey of the proposed Equitrans Expansion Project (ER 2015-1446-042-C). On behalf of Equitrans, LP of Pittsburgh, Pennsylvania, Tetra Tech, Inc., hereby submits one printed copy of the revised, final version of the report and three PDF versions on CDs.

After reviewing your comments, Equitrans determined that it was possible to avoid Site 36WH1706, making a Phase II-level site evaluation for National Register eligibility unnecessary. We have described the measures adopted to avoid the site in an Avoidance Plan, which we are providing as a standalone document, also included with this submittal. (A PDF of the plan is also included on the CDs.)

We note your concurrence that the surveyed portion of Site 36AL0697 does not contribute to National Register and recognize that additional consultation may be necessary should the project be expanded in the vicinity.

Appendix I of the final report contains a revised Unanticipated Discoveries Plan in response to your comments. We have corrected Section 4.3(8) to accurately reflect agency responsibilities for notification of potential lineal descendants if human remains are encountered. We have also added Section 4.4 to address cultural resources response in the unlikely event of a horizontal directional drill (HDD) bore failure.

In addition to revisions to Appendix I, the final version of the report includes minor revisions to the Management Summary and Sections 1, 3, and 4, to reflect the PA SHPO comments of March 2016. Minor revisions and additions have also been made to Appendices B, D, and K.

Should you require additional information to complete this review, contact me at (973)-630-8358 or by e-mail at chris.borstel@tetrattech.com.

Thank you for your assistance in this matter.

Sincerely yours,

Christopher L. Borstel, Ph.D., RPA
Cultural Resources Specialist

Cc: S. Haugh, Tetra Tech; T. Pellerin, Tetra Tech; S. Frazier, Equitrans
Encl.—Report (1); CDs (3); Plan (2)

Tetra Tech, Inc.

1000 The American Road, Morris Plains, NJ 07950

NEW ADDRESS, EFFECTIVE OCTOBER 1, 2016: 6 Century Drive, 3rd Floor, Parsippany, NJ 07054

Tel 973.630.8000 Fax 973.630.8025 www.tetrattech.com



PROJECT REVIEW FORM

Request to Initiate SHPO Consultation on State and Federal Undertakings

SHPO USE ONLY	
DATE RECEIVED:	
ER NUMBER:	

REV: 5/2012

SECTION A: GENERAL PROJECT INFORMATION

Is this a new submittal? ☐ YES ☐ NO OR ☒ This is additional information for ER Number: 2015-1446-042

Project Name Equitrans Expansion Project (Phase I Archaeological Survey Final Rpt, 9/21/2016) County Multiple

Project Address Jefferson, Morgan, and Franklin Twps, Greene Co.; Forward Twp., Allegheny

City/State/ Zip See "Project Address" Municipality See "Project Address"

SECTION B: PRIMARY CONTACT INFORMATION

Name Christopher L. Borstel, Ph.D., RPA Phone (973) 630-8358

Company Tetra Tech, Inc. New Address Effective October 1, 2016:
6 Century Drive, 3rd Floor
Parsippany, NJ 07954 Fax (973) 630-8025

Street/P.O. Box 1000 The American Road Phone, fax, and email unchanged. Email chris.borstel@tetrattech.com

City/State/Zip Morris Plains NJ 07950

SECTION C: PROJECT DESCRIPTION

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

List all Federal and State agencies and programs (funding, permits, licenses) involved in this project	Agency Type	Agency/Program/Permit Name	Project/Permit/Tracking Number (if applicable)
	Federal	Federal Regulatory Energy Commission	Docket No. CP16-13-000

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

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

Total acres of project area: 315 Total acres of earth disturbance: 186

Are there any buildings or structures within the project area? ☒ Yes ☐ No Approximate age: ca. 1839-2015

This project involves properties listed in or eligible for listing in the National Register of Historic Places, or designated as historic by a local government	Yes	No	Unsure	Name of historic property or historic districts	Monongahela River Navigation System (NRE); P&LE RR Corridor (NRE)
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		

Please print and mail completed form and all attachments to:

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

Attachments – Please include the following information with this form

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

SHPO DETERMINATION (SHPO USE ONLY)

SHPO REVIEWER:

- | | |
|---|--|
| <input type="checkbox"/> There are NO HISTORIC PROPERTIES in the Area of Potential Effect | <input type="checkbox"/> The project will have NO ADVERSE EFFECTS WITH CONDITIONS (see attached) |
| <input type="checkbox"/> The project will have NO EFFECT on historic properties | <input type="checkbox"/> SHPO REQUESTS ADDITIONAL INFORMATION (see attached) |
| <input type="checkbox"/> The project will have NO ADVERSE EFFECTS on historic properties: | |



January 28, 2016

Andrea MacDonald, Deputy SHPO

Attention: Barbara Frederick, Historic Building Project Reviewer (Western Region)

Pennsylvania State Historic Preservation Office

Commonwealth Keystone Building

400 North Street

Harrisburg, PA 17120

Subject: Equitrans Expansion Project (FERC Docket No. CP16-13-000)
Report on Aboveground Resources Survey and Assessment of Effects, Greene, Allegheny,
and Washington Counties, Pennsylvania
ER No. 2015-1446-042
Request for Comment Pursuant to Section 106 of the National Historic Preservation Act

Dear Ms. MacDonald:

On behalf of Equitrans, LP of Pittsburgh, Pennsylvania, Tetra Tech, Inc., hereby submits one copy of a report, *Equitrans Expansion Project (FERC Docket No. CP16-13-000)—Historic Architectural Survey: Aboveground Resources Survey and Assessment of Effects, Jefferson, Morgan, and Franklin Townships, Greene County; Forward Township, Allegheny County; and Union Township, Washington County, Pennsylvania*. The report describes the results of historic architectural survey for the Pennsylvania elements of the proposed project. An updated Project Review Form is also included with this submittal.

Equitrans has applied to the Federal Energy Regulatory Commission (FERC) for a Certificate of Public Convenience and Necessity pursuant to Section 7(c) of the Natural Gas Act authorizing it to construct and operate the proposed project (FERC Docket No. CP16-13-000). Please review the report in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended.

To ensure accurate filing of your review, note that your agency may also have correspondence concerning this project under ER Nos. 2015-2081-042 and 2015-1694-042. The ER number employed here, 2015-1446-042, was provided on July 27, 2015, in response to our initial technical data submittal of July 8, 2015, and is the one we will be using to reference this project moving forward.

Should you require additional information to complete this review, contact me at (973)-630-8358 or by e-mail at chris.borstel@tetrattech.com.

Thank you for your assistance in this matter.

Sincerely yours,

A handwritten signature in blue ink, reading 'Christopher L. Borstel', with a long horizontal flourish extending to the right.

Christopher L. Borstel, Ph.D., RPA
Cultural Resources Specialist

Cc: J. Sexton, Tetra Tech
T. Pellerin, Tetra Tech
S. Frazier, Equitrans

Encl.

Tetra Tech, Inc.

1000 The American Road, Morris Plains, NJ 07950
Tel 973.630.8000 Fax 973.630.8025 www.tetrattech.com



PROJECT REVIEW FORM

Request to Initiate SHPO Consultation on State and Federal Undertakings

SHPO USE ONLY

DATE RECEIVED:

ER NUMBER:

REV: 5/2012

SECTION A: GENERAL PROJECT INFORMATION

Is this a new submittal? ☐ YES ☐ NO OR ☒ This is additional information for ER Number: 2015-1446-042

Project Name Equitrans Expansion Project

County Multiple

Project Address Jefferson, Morgan, and Franklin Twps, Greene Co.; Forward Twp., Allegheny

City/State/ Zip See "Project Address"

Municipality See "Project Address"

SECTION B: PRIMARY CONTACT INFORMATION

Name Christopher L. Borstel, Ph.D., RPA

Phone (973) 630-8358

Company Tetra Tech, Inc.

Fax (973) 630-8025

Street/P.O. Box 1000 The American Road

Email chris.borstel@tetrattech.com

City/State/Zip Morris Plains NJ 07950

SECTION C: PROJECT DESCRIPTION

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

List all Federal and State agencies and programs (funding, permits, licenses) involved in this project	Agency Type	Agency/Program/Permit Name	Project/Permit/Tracking Number (if applicable)
	Federal	Federal Regulatory Energy Commission	Docket No. CP16-13-000

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

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

Total acres of project area: 186 Total acres of earth disturbance: 315

Are there any buildings or structures within the project area? ☒ Yes ☐ No Approximate age: ca. 1839-2015

This project involves properties listed in or eligible for listing in the National Register of Historic Places, or designated as historic by a local government	Yes	No	Unsure	Name of historic property or historic districts	Monongahela River Navigation System (NRE); P&LE RR Corridor (NRE)
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		

Please print and mail completed form and all attachments to:

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

Attachments – Please include the following information with this form

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

SHPO DETERMINATION (SHPO USE ONLY)

SHPO REVIEWER:

- ☐ There are NO HISTORIC PROPERTIES in the Area of Potential Effect
- ☐ The project will have NO ADVERSE EFFECTS WITH CONDITIONS (see attached)
- ☐ The project will have NO EFFECT on historic properties
- ☐ SHPO REQUESTS ADDITIONAL INFORMATION (see attached)
- ☐ The project will have NO ADVERSE EFFECTS on historic properties:



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

March 22, 2016

Christopher Borstel
Tetra Tech Inc
1000 The American Road
Morris Plains NJ 07950

RE: ER 2015-1446-042-B
Equitrans Expansion Project
Jefferson, Morgan and Franklin Townships, Greene County

Dear Mr. Borstel,

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Above Ground Resources

We have reviewed the information provided for the above listed project and offer the following comments. To complete our review, please provide copies of historic aerial mapping showing the right-of-way of the corridor. Historic aerials can be found at www.pennpilot.psu.edu. Upon receipt of the historic mapping we will comment on identification of historic properties and assessment of effects.

For the properties that were identified in the survey, please provide a copy of the GIS shape files as well as an Excel spreadsheet of any attribute information collected which will be used as a minimum record for historic resource data entry. Finally, please provide one unbound copy of the Abbreviated Historic Resource Survey Forms that were prepared.

For questions concerning this review, please contact Barbara Frederick at bafrederic@pa.gov or (717) 772-0921.

Sincerely,

Douglas C. McLearn, Chief
Division of Archaeology and Protection



September 26, 2016

Douglas C. McLearen, Chief, Division of Archaeology & Protection
Attention: Barbara Frederick, Historic Building Project Reviewer (Western Region)
Pennsylvania State Historic Preservation Office
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

Subject: Equitrans Expansion Project (FERC Docket No. CP16-13-000)
Historic Architectural Survey: Aboveground Resources Survey and Assessment of Effects,
Greene, Allegheny, and Washington Counties, Pennsylvania
ER 2015-1446-042 (cross-referenced with ER 2015-2081-042 and ER 2015-1694-042)
Supplementary Architectural Survey Materials

Dear Mr. McLearen:

Thank you for your letter of March 22, 2016 commenting on the aboveground resources survey and assessment of effects for the Pennsylvania portion of the proposed Equitrans Expansion Project (ER 2015-1446-042-C). On behalf of Equitrans, LP of Pittsburgh, Pennsylvania, Tetra Tech, Inc., hereby submits the following materials for your use:

- Three (3) printed copies of the PennPilot aerial image series of airphotos of the Project right-of-way (ROW) and architectural survey area—1938-1939, 1967, and 2013 imagery.
- Printed versions of recent correspondence concerning the Section 106 review of this project for your immediate reference.
- One compact disc (CD) containing various report and data files:
 - Recent correspondence;
 - Individual PDF versions of the 120 Historic Resource Survey Forms (HRSF);
 - Digital version in PDF of the aforementioned aerial image series;
 - Tabular version (in Excel) of the HRSF data entries;
 - Shapefiles showing the locations of the 120 inventoried properties;
 - PDF version of the architectural survey report, January 2016; and
 - Tables 7-1 and 7-2 in Word format to provide a list of inventoried properties.

Should you require additional information to complete this review, contact me at (973)-630-8358 or by e-mail at chris.borstel@tetrattech.com. Please note our new mailing address.

Thank you for your assistance in this matter.

Sincerely yours,

A handwritten signature in blue ink that reads 'Christopher L. Borstel'.

Christopher L. Borstel, Ph.D., RPA
Cultural Resources Specialist

Cc: J. Sexton, Tetra Tech; T. Pellerin, Tetra Tech; S. Frazier, Equitrans
Encl.—Aerial photo series (2 bound, 1 unbound); correspondence folder (1); CD (1)

Tetra Tech, Inc.

1000 The American Road, Morris Plains, NJ 07950

NEW ADDRESS, EFFECTIVE OCTOBER 1, 2016: 6 Century Drive, 3rd Floor, Parsippany, NJ 07054

Tel 973.630.8000 Fax 973.630.8025 www.tetrattech.com



October 13, 2016

Douglas C. McLearen, Chief, Division of Archaeology & Protection
Attention: Barbara Frederick, Historic Building Project Reviewer (Western Region)
Pennsylvania State Historic Preservation Office
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

Subject: Equitrans Expansion Project (FERC Docket No. CP16-13-000)
Historic Architectural Survey: Aboveground Resources Survey and Assessment of Effects,
Greene, Allegheny, and Washington Counties, Pennsylvania
ER 2015-1446-042 (cross-referenced with ER 2015-2081-042 and ER 2015-1694-042)
Supplementary Architectural Survey Materials, 2

Dear Mr. McLearen:

On September 26, 2016, Tetra Tech, Inc., acting on behalf of our client, Equitrans, LP of Pittsburgh, Pennsylvania, provided you with various materials requested in your letter of March 22, 2016, commenting on the aboveground resources survey and assessment of effects for the Pennsylvania portion of the proposed Equitrans Expansion Project (ER 2015-1446-042-C).

Recently, I had occasion to re-read your letter of comment and realized that I had erred in not sending you, as you had requested, one printed unbound copy of the Abbreviated Historic Resource Survey Forms (HRSF) that were completed as part of the project architectural survey. I enclose that material herewith. Note that as our architectural historian, James Sexton, notified Barbara Frederick of your office on May 25, 2016, after we submitted the forms, we recognized an error in the information used to fill in the Tax Parcel ID field of the Abbreviated HRSFs. Following Ms. Fredericks's suggestion we have not redone the forms but did provide the correct Tax Parcel IDs as part of our digital architectural data submission on September 26, 2016. For the current submission, however, we marked up the PDF files with the correct Tax Parcel IDs before printing them out. For your use, I include an updated digital copy of the forms on compact disc (CD).

My apologies for any confusion my previous omission may have caused.

Should you require additional information to complete this review, contact me at (973)-630-8358 or by e-mail at chris.borstel@tetrattech.com. Please note our new mailing address.

Thank you for your assistance in this matter.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Christopher L. Borstel'.

Christopher L. Borstel, Ph.D., RPA
Cultural Resources Specialist

Cc: J. Sexton, Tetra Tech; T. Pellerin, Tetra Tech; S. Frazier, Equitrans
Encl.—Unbound architectural forms (1 set); CD (1)

Tetra Tech, Inc.

1000 The American Road, Morris Plains, NJ 07950

NEW ADDRESS, EFFECTIVE OCTOBER 1, 2016: 6 Century Drive, 3rd Floor, Parsippany, NJ 07054

Tel 973.630.8000 Fax 973.630.8025 www.tetrattech.com



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

October 25, 2016

Mr. Christopher L. Borstel
TetraTech
6 Century Drive, 3rd Floor
Parsippany, NJ 07950

RE: ER 2015-1446-042-D; FERC: Equitrans Expansion Project; Jefferson, Morgan, and Franklin Townships, Greene County and Forward Township, Allegheny County

Dear Mr. Borstel,

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Above Ground Resources

We are requesting additional information to complete our review. Due to computer accessibility and file size issues, we are unable to review the 668-page PDF of the Determination of Effects Report provided on CD in its entirety. Please provide one unbound hard copy of the Determination of Effects Report – main section only (i.e. without appendices) - for our review.

For questions concerning this request, please contact Barbara Frederick at bafrederic@pa.gov or (717) 772-0921.

Sincerely,

Douglas C. McLearn, Chief
Division of Archaeology and Protection



October 25, 2016

Douglas C. McLearen, Chief, Division of Archaeology & Protection
Attention: Barbara Frederick, Historic Building Project Reviewer (Western Region)
Pennsylvania State Historic Preservation Office
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

Subject: Equitrans Expansion Project (FERC Docket No. CP16-13-000)
Historic Architectural Survey: Aboveground Resources Survey and Assessment of Effects,
Greene, Allegheny, and Washington Counties, Pennsylvania
ER 2015-1446-042 (cross-referenced with ER 2015-2081-042 and ER 2015-1694-042)
Unbound Copy of Main Report Text

Dear Mr. McLearen:

In response to your letter of October 25, 2016 (ER 2015-1446-042-D), please find enclosed for your files one unbound copy of the report entitled *Equitrans Expansion Project (FERC Docket No. CP16-13-000): Historic Architectural Survey: Aboveground Resources Survey and Assessment of Effects, Jefferson, Morgan, and Franklin Townships, Greene County; Forward Township, Allegheny County; and Union Township, Washington County, Pennsylvania*, as submitted to your office on January 28, 2016. I also include an unbound copy of the 1:10,000 historic aerial imagery (1938/39, 1967, and 2013), submitted as a supplement to Appendix A (Figures 7-1 to 7-3i) on September 26, 2016, and copies of correspondence related to this report from January to October 2016, which supplements the material in Appendix B.

Should you require additional information to complete this review, please contact me at your earliest convenience at (973)-630-8358 or by e-mail at chris.borstel@tetratech.com.

Thank you for your assistance in this matter.

Sincerely yours,

A handwritten signature in blue ink that reads 'Christopher L. Borstel'.

Christopher L. Borstel, Ph.D., RPA
Cultural Resources Specialist

Cc: J. Sexton, Tetra Tech; T. Pellerin, Tetra Tech; S. Frazier, Equitrans
Encl.—Unbound report (1); unbound Appendix A supplement; unbound 2016 correspondence

Tetra Tech, Inc.

NEW ADDRESS: 6 Century Drive, 3rd Floor, Parsippany, NJ 07054
Tel 973.630.8000 Fax 973.630.8025 www.tetratech.com