

Appendix A.1

Rahway River Basin Cultural Resources Correspondence 2012 – 2023



DEPARTMENT OF THE ARMY
NEW YORK DISTRICT, CORPS OF ENGINEERS
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK, N.Y. 10278-0090

Reply to
Environmental Analysis Branch

October 2, 2012

Mr. Daniel Saunders
Deputy State Historic Preservation Officer
Historic Preservation Office
New Jersey Department of Environmental Protection
CN 404
Trenton, NJ 08625-0404

Dear Mr. Saunders:

The U.S. Army Corps of Engineers, New York District (District), is pleased to furnish you with a copy of the draft reports *Phase IA Cultural Resources Investigation of the Rahway River Flood Risk Management and Ecosystem Restoration Project, Townships of Cranford, Springfield, Union and Westfield, and Borough of Kenilworth, Union County, New Jersey* (Enclosure 1) and *Reconnaissance-Level Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project, Robinson's Branch Section, Township of Clark and City of Rahway, Union County, and Township of Woodbridge, Middlesex County, New Jersey* (Enclosure 2). Both the Cranford and Robinson's Branch portions of the Rahway River Flood Risk Management Project are in early planning phases. Alternatives are currently being developed for the Cranford segment of the project. Alternative development has not yet begun for Robinson's Branch. The Phase IA and Reconnaissance reports were prepared in anticipation of additional cultural resources survey work when an alternative is selected.

At this time the District is not assessing project effects. The reports have been prepared in order to identify known resources in the study area and to seek input early on in the planning process from consulting parties. The reports have offered recommendations for further work. The District would welcome the HPO's comments and recommendations in accordance with 36 CFR 800.4. Thank you for your assistance in the Section 106 process. If you or your staff require additional information or have any questions, please contact Carissa Scarpa, Project Archaeologist at (917) 790-8612.

Sincerely,


Leonard Houston
Chief, Environmental Analysis Branch

Enclosures



State of New Jersey

MAIL CODE 501-04B

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NATURAL & HISTORIC RESOURCES

HISTORIC PRESERVATION OFFICE

P.O. Box 420

Trenton, NJ 08625-0420

TEL. (609) 984-0176 FAX (609) 984-0578

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

BOB MARTIN
Commissioner

November 16, 2012

Leonard Houston, Chief
Environmental Analysis Branch
Department of the Army
Corps of Engineers, New York District
Jacob K. Javits Federal Building
New York, NY 10278-0090

Dear Mr. Houston:

As Deputy State Historic Preservation Officer for New Jersey, in accordance with 36 CFR Part 800: Protection of Historic Properties, as published in the *Federal Register* on December 12, 2000 (65 FR 77725-77739) and amended on July 6, 2004 (69 FR 40544-40555), I am providing Consultation Comments for the following proposed undertaking:

**Union and Middlesex Counties
Phase IA Cultural Resources Surveys
Rahway River Flood Risk Management and Ecosystem Restoration Project
United States Department of the Army, Corps of Engineers**

Thank you for submitting the following cultural resources reports, received at the Historic Preservation Office (HPO) on October 19, 2012 for the above-referenced undertaking:

Nolte, Kelly, Donald Smith, Mark A. Steinback, and Michael A. Cinquino
2012 *Phase IA Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project, Townships of Cranford, Springfield, Union and Westfield, and Borough of Kenilworth, Union County, New Jersey.* Prepared for David Miller & Associates, Inc. Vienna Virginia. Prepared by Panamerican Consultants, Inc. Buffalo, New York.

And

Nolte, Kelly, Donald Smith, Mark A. Steinback, and Michael A. Cinquino
2012 *Reconnaissance-Level Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project, Robinson's Branch Section, Township of Clark and City of Rahway, Union County, and Township of Woodbridge, Middlesex County, New Jersey*. Prepared for David Miller & Associates, Inc. Vienna Virginia.
Prepared by Panamerican Consultants, Inc. Buffalo, New York.

800.4 Identification of Historic Properties

Phase IA Cultural Resources Investigation Townships of Cranford, Springfield, Union, and Westfield, and Borough of Kenilworth

According to the above-referenced report, the United States Army Corps of Engineers is considering several alternatives for the Rahway River Flood Risk Management and Ecosystem Restoration Project, in Union County. The alternatives being considered include: 1) No action; 2) Non-structural measures; 3) Modification of channels, bridges, and the Lenape Detention Basin; 4) Modifications and changes to levees and the Lenape Detention Basin; 6) Alterations to bridges, channels, and the Orang Reservoir; 7) Modifications to channels, bridges, and the South Mountain Reservoir. The report states that the current report addresses alternative 3 and 5, as well as the portions of alternatives 2, 4, 6, 7, and 8 that overlap with alternatives 3 and 5. In addition, the report states that Echo Lake Park, the Orange Reservoir, and the South Mountain Reservoir are parts of alternatives 4, 6, 7, and 8 and are outside the current project area. As a result, these areas will be addressed in a forthcoming investigation which will also include the areas in alternatives 3 and 5 not surveyed as part of this report.

Archaeology

According to the above-referenced reconnaissance-level report, background research has indicated that the entire area of potential effects (APE) for the Rahway River Flood Risk Management and Ecosystem Restoration is sensitive for both Native American and Historic archaeological historic properties. In light of this, the report recommends that once a specific design alternative is chosen, the entire project area should be subjected to Phase IB archaeological survey if the design alternative includes ground disturbing activities in the APE outlined in this report. The report states that Phase IB testing should include a program of standard-interval shovel testing where project activities will have below-ground impacts, as well as the development and implementation of a program for deep-testing in portions of the APE where the ground surface has been artificially elevated. *The HPO concurs with these recommendations.*

The HPO looks forward to continued consultation to identify, evaluate, avoid, and/or mitigate any project impacts on archaeological historic properties, pursuant to Section 106 of the National Historic Preservation Act.

Architecture

The consultant should address the boundaries of the North Cranford Historic District using survey forms. The recommendations section of the cultural resources report notes 44 resources are newly identified as contributing to the North Cranford Historic District, however survey forms were not provided. The HPO looks forward to receiving survey forms for the recommended contributing properties to conclude identification efforts.

The Union County Park system is recognized as a large discontinuous historic district, several Union County Parks lack individualized attention to eligibility as they were assessed as a system of Olmstead designed parks. Depending on the parks within the APE the HPO may need further information on the individual parks, their current configuration/condition, historic conditions, and their character defining features.

Reconnaissance-Level Cultural Resources Investigation, Robinson's Branch Section Township of Clark, City of Rahway, and Township of Woodbridge

According to the report, the information detailed in this reconnaissance-level survey report includes additional measures along the Robinson's Branch of the Rahway River being considered for the Rahway River Flood Risk Management and Ecosystem Restoration project.

Archaeology

According to the above-referenced reconnaissance-level report, background research has indicated that the entire area of potential effects (APE) for the Rahway River Flood Risk Management and Ecosystem Restoration is sensitive for both Native American and Historic archaeological historic properties. In light of this, the report recommends that once a specific design alternative is chosen, the entire project area should be subjected to Phase IB archaeological survey if the design alternative includes ground disturbing activities in the APE outlined in this report. The report states that Phase IB testing should include a program of standard-interval shovel testing where project activities will have below-ground impacts, as well as the development and implementation of a program for deep-testing in portions of the APE where the ground surface has been artificially elevated. *The HPO concurs with these recommendations.*

The HPO looks forward to continued consultation to identify, evaluate, avoid, and/or mitigate any project impacts on archaeological historic properties, pursuant to Section 106 of the National Historic Preservation Act.

Architecture

In order to conclude 800.4 Identification of historic properties the HPO looks forward to reviewing survey forms for the following properties within the APE:

Wheatena Company/Corporation properties
Quinn and Boden Inc.

St. Mary's Roman Catholic Church
Rahway Public Cemetery
Industrial District-Elizabeth Avenue
Robinson's Branch Sign (and other NJDOT signage)
Hazel Wood Cemetery
Potential historic district at St. George and Grand Avenues

We also look forward to receiving new survey forms presenting updated information on the Lower Rahway Historic District, as suggested in the report. In addition to that updated information, the SHPO opinion for the Regina Historic District is rather dated and needs current survey forms.

As mentioned above, although the Union County Park system is recognized as a large discontinuous historic district, several Union County Parks lack individualized attention to eligibility as they were assessed as a system of Olmstead designed parks. Depending on the parks within the APE the HPO may need further information on the individual parks, their current configuration/condition, historic conditions, and its character defining features.

Additional Comments

Thank you for providing the opportunity to review and comment on the potential for the above-referenced project to affect historic properties. The HPO looks forward to further consultation with the Army Corps of Engineers regarding the further development and implementation of the proposed project. If additional consultation with the HPO is needed for this undertaking, please reference the HPO project number 13-0094 in any future calls, emails, or written correspondence to help expedite your review and response. Please do not hesitate to contact Jesse West-Rosenthal (609-684-6019) of my staff with any questions regarding archaeology or Michelle Hughes (609-984-6018) of my staff with questions regarding historic architecture.

Sincerely,



Daniel D. Saunders
Deputy State Historic
Preservation Officer

Cc: Carissa Scarpa - USACE



DEPARTMENT OF THE ARMY
NEW YORK DISTRICT, CORPS OF ENGINEERS
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK, N.Y. 10278-0090

Reply to
Environmental Analysis Branch

August 14, 2013

Mr. Daniel Saunders
Deputy State Historic Preservation Officer
Historic Preservation Office
New Jersey Department of Environmental Protection
CN 404
Trenton, NJ 08625-0404

Re: HPO-K2012-106
13-0094-1
Rahway River Flood Risk Management and Ecosystem Restoration Project

Dear Mr. Saunders:

Thank you for your letter, dated November 16, 2012 in which you provided Section 106 consultation comments on the draft reports *Phase IA Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project, Townships of Cranford, Springfield, Union and Westfield, and Borough of Kenilworth, Union County, New Jersey* and *Reconnaissance-Level Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project, Robinson's Branch Section, Township of Clark and City of Rahway, Union County, and Township of Woodbridge, Middlesex County, New Jersey*. The U.S. Army Corps of Engineers, New York District (District), has reviewed the HPO's comments and has made an effort to address them briefly here and in the final draft of the reports enclosed with this letter (Enclosures).

Phase IA Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project, Townships of Cranford, Springfield, Union and Westfield, and Borough of Kenilworth, Union County, New Jersey

The HPO has requested survey forms for all of the properties recommended as eligible for the National Register of Historic Places, specifically those that are considered contributing elements to the North Cranford Historic District (NCHD). Considering the early planning phase of the current project and the Cranford Historic Preservation Board's (CHPB) present work of redefining the boundaries of the NCHD, the revised report has incorporated survey forms for only those NCHD properties that were identified as a result of this survey so that the forms may be added to your records. Section 5.1.4.1 of the report lists all of the resources within the NCHD and their recommended eligibility status as it was determined by either the architectural historian

or the CHPB. As the Rahway River Flood Risk Management Project progresses, an alternative will be selected and it will be clear which resources will be impacted by the selected alternative. At that time the Corps shall carry out any additional work in consultation with your staff to determine the specific impacts and to reduce or avoid such impacts.

Reconnaissance-Level Cultural Resources Investigation, Robinson's Branch Section, Township of Clark, City of Rahway, and Township of Woodbridge

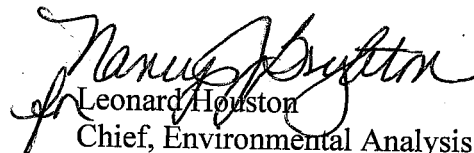
The HPO has requested survey forms for a number of resources recommended eligible for National Register of Historic Places. Because the Corps is still in an early planning phase and no specific alternatives have been proposed this reconnaissance-level survey was not designed as a formal architectural survey but instead was intended to identify known historic resources and archaeological sites within the study area. The District shall carry out a formal architectural survey when an alternative is identified to determine the potential impacts that alternative may have on significant resources.

The HPO has also suggested that many of the individual parks within the Rahway River Parkway Historic District and the Union County Parks Historic District have not been evaluated for their eligibility as individual properties. This will also be addressed at a later date when an alternative is selected and the District has identified which parks will be impacted by the selected alternative.

Finally, please note that the archaeological site registration form for PCI-RAHWAY-1 has been filed with the New Jersey State Museum, Bureau of Archaeology and Ethnology.

Thank you for your assistance in the Section 106 process. If you or your staff require additional information or have any questions, please contact Carissa Scarpa, Project Archaeologist at (917) 790-8612.

Sincerely,


Leonard Houston

Chief, Environmental Analysis Branch

Enclosures



DEPARTMENT OF THE ARMY
NEW YORK DISTRICT, CORPS OF ENGINEERS
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK, N.Y. 10278-0090

Reply to
Environmental Analysis Branch

August 14, 2013

Daniel J. Bernier, Director
Division of Parks Planning & Environmental Services
Union County Department of Parks & Community Renewal
2325 South Avenue
Scotch Plains, NJ 07076

Dear Mr. Bernier:

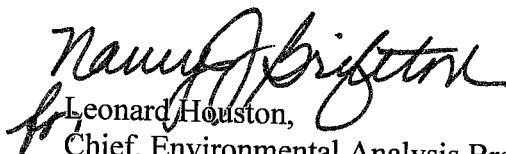
The U.S. Army Corps of Engineers, New York District (Corps) is pleased to furnish you with digital copies of the reports *Phase IA Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project, Townships of Cranford, Springfield, Union and Westfield, and Borough of Kenilworth, Union County, New Jersey* and *Reconnaissance-Level Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project, Robinson's Branch Section, Township of Clark and City of Rahway, Union County, and Township of Woodbridge, Middlesex County, New Jersey (Enclosure)*. These surveys were carried out as part of the feasibility phase of the Rahway River Flood Risk Management and Ecosystem Restoration Project.

The Phase IA investigation was partially an update to a cultural resources survey conducted in 1977. The current survey enumerated all previously identified cultural resources, identified areas of archaeological sensitivity, and identified above-ground cultural resources within the areas of potential effect (APE). The survey identified 124 architectural resources and four National Register-eligible (NRE) historic districts as well as one archaeological site and made recommendations for archaeological testing. The Robinson's Branch Reconnaissance survey was also an update to a survey conducted in 1983. It consisted of enumerating all previously-identified cultural resources within the study area, assessment of archaeological sensitivity, and a reconnaissance-level assessment of above-ground cultural resources. The survey identified six National Register-eligible historic districts and a number of individual resources and made recommendations for archaeological testing.

The Corps is considering a number of alternatives for flood risk management along the Rahway River and Robinson's Branch, some which may impact the historic resources identified in these studies. The Corps is looking forward to the opportunity to consult with the Union County Department of Parks as the project moves forward. Please retain these reports for your

records and if you wish to share information or have questions or suggestions pertaining to our proposed work and the resources of concern please contact Ms. Carissa Scarpa, Project Archaeologist, at (917)790-8612.

Sincerely,


Leonard Houston,
Chief, Environmental Analysis Branch

Enclosure



DEPARTMENT OF THE ARMY
NEW YORK DISTRICT, CORPS OF ENGINEERS
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK, N.Y. 10278-0090

Reply to
Environmental Analysis Branch

August 16, 2013

Maureen Strazdon, Chair
Cranford Historic Preservation Advisory Board
208 Holly St.
Cranford, NJ 07016

Dear Ms. Strazdon:

The U.S. Army Corps of Engineers, New York District (Corps) is pleased to furnish you with a copy of the report *Phase IA Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project, Townships of Cranford, Springfield, Union and Westfield, and Borough of Kenilworth, Union County, New Jersey (Enclosure)*. This survey was carried out as part of the feasibility phase of the Rahway River Flood Risk Management and Ecosystem Restoration Project.

The Phase IA investigation was partially an update to a cultural resources survey conducted in 1977. The current survey enumerated all previously identified cultural resources, identified areas of archaeological sensitivity, and identified above-ground cultural resources within the areas of potential effect (APE). The survey identified 124 architectural resources and four National Register-eligible (NRE) historic districts as well as one archaeological site and made recommendations for archaeological testing.

The Corps is considering a number of alternatives for flood risk management along the Rahway River and Robinson's Branch, some which may impact the historic resources identified in these studies. The Corps is looking forward to the opportunity to consult with the Cranford Historic Preservation Advisory Board as the project moves forward. Please retain this report for your records and if you wish to share information or have questions or suggestions pertaining to our proposed work and the resources of concern please contact Ms. Carissa Scarpa, Project Archaeologist, at (917)790-8612.

Sincerely,

A handwritten signature in black ink, appearing to read "L. Houston".

Leonard Houston,
Chief, Environmental Analysis Branch

Enclosure



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NY 10278-0090

REPLY TO
ATTENTION OF

May 17, 2016

Environmental Analysis Branch

Mr. Daniel Saunders
Deputy State Historic Preservation Officer
Historic Preservation Office
New Jersey Department of Environmental Protection
CN 404
Trenton, NJ 08625-0404

RE: HPO K-2012-106
13-0094-1
Rahway River Flood Risk Management and Ecosystem Restoration Project

Dear Mr. Saunders,

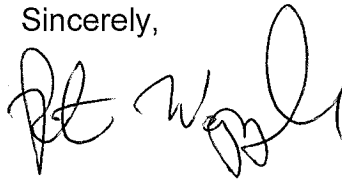
The U.S. Army Corps of Engineers, New York District (District) is continuing to evaluate alternatives for the Rahway River Flood Risk Management and Ecosystem Restoration Project. Recently, the District carried out two reconnaissance level cultural resources investigations to determine the presence of potentially significant cultural resources within the Area of Potential Effect (APE) for a number of alternatives being considered at the time. The resulting reports, entitled *Phase IA Cultural Resources Investigation of the Rahway River Flood Risk Management and Ecosystem Restoration Project, Townships of Cranford, Springfield, Union and Westfield, and Borough of Kenilworth, Union County, New Jersey* and *Reconnaissance-Level Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project, Robinson's Branch Section, Township of Clark and City of Rahway, Union County, and Township of Woodbridge, Middlesex County, New Jersey*, were submitted to your office for review in October of 2012. The surveys identified resources within the study areas that are either listed or are eligible for listing on the National Register of Historic Places (NRHP). In addition, many previously unidentified cultural resources were identified as potentially eligible for listing on the NRHP as a result of these investigations.

At this time a number of the alternatives under consideration include modifications to the Orange Reservoir and Dam, located in West Orange, New Jersey, for flood water storage. The District has carried out a survey of the Orange Reservoir in order to assess the reservoir's significance and eligibility for listing on the NRHP and a brief report has been prepared which summarizes the results of that survey (Enclosed).

Research was conducted at the New Jersey State Museum (NJSM), the New Jersey Historic Preservation Office (NJHPO), the West Orange Public Library, and Essex County's Department of Parks, Recreation, and Cultural Affairs.

The District would welcome the NJHPO's comments and recommendations in accordance with 36 CFR 800.4. Should the selected project alternative include modifications to the Orange Reservoir, the District will carry out additional work, in consultation with your office, in order to determine the potential impacts of the project and to avoid impacts to this resource. Thank you for your assistance in the Section 106 process. If you or your staff require additional information or have any questions, please contact Carissa Scarpa, Project Archaeologist at (917) 790-8612.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter Wepler". The signature is fluid and cursive, with the first name "Peter" and last name "Wepler" clearly distinguishable.

Peter Wepler
Chief, Environmental Analysis Branch

Enclosures



State of New Jersey

MAIL CODE 501-04B

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NATURAL & HISTORIC RESOURCES

HISTORIC PRESERVATION OFFICE

P.O. Box 420

Trenton, NJ 08625-0420

TEL. (609) 984-0176 FAX (609) 984-0578

CHRIS CHRISTIE
Governor

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

June 23, 2016

Peter M. Wepler
Chief, Environmental Analysis Branch
U.S. Army Corps of Engineers
New York District
Jacob K. Javits Federal Building
New York, New York 10278-0090

Dear Mr. Wepler:

As Deputy State Historic Preservation Officer for New Jersey, in accordance with 36 CFR Part 800: Protection of Historic Properties, as published in the *Federal Register* on December 12, 2000 (65 FR 77725-77739) and amended on July 6, 2004 (69 FR 40544-40555), I am providing continuing Consultation Comments for the following proposed undertaking:

**Essex County, West Orange Township
Orange Reservoir and Dam
Rahway River Flood Risk Management and Ecosystem Restoration Project
United States Department of the Army, Corps of Engineers**

800.4 Identification of Historic Properties

Thank you for providing the Historic Preservation Office (HPO) with the opportunity to review and comment on the potential for the above-referenced project to affect historic properties. These comments are in response to the following Phase I cultural resources survey report, received at this office on May 24, 2016, for the above-referenced undertaking:

Scarpa, Carissa

2016 *Phase I Cultural Resources Investigation of the Orange Reservoir and Dam, West Orange, Essex County, New Jersey for the Rahway River Flood Risk Management and Ecosystem Restoration Project.* Prepared by the United States Department of the Army, Corps of Engineers, New York District.

According to the above-referenced report, the Orange Reservoir and Dam are located along the Rahway River in West Orange Township, Essex County. The reservoir is surrounded to the east, south and west by the South Mountain Reservation Historic District, which was determined eligible for listing on the New Jersey and National Registers of Historic Places on November 18, 2008. The report states that the

Orange Reservoir Dam was built in 1883 during a period of intense urbanization in northeastern New Jersey in the late 19th century. The reservoir supplied 1.7 million gallons of gravity-fed water to the City of Orange along a 16-inch pipeline over a distance of 170,811 feet. This source of water supplied 183 street hydrants for fire protection and later drinking water. Use of the reservoir for water supply was discontinued in 1999.

According to the report, improvements were made to the reservoir and dam in 1958 and again in 1995. Improvements made in 1958 included raising the spillway one foot, placement of a four inch reinforced concrete slab on the downstream spillway apron and placement and grouting of riprap on the upper portion of the upstream face of the dam. Other modifications that predated 1958 but which do not appear on the 1958 plans included placing fill on the eastern side of the dam adjacent to the spillway, construction of a dike along the spillway channel, addition of a by-pass valve, stilling chamber and screens for the water supply outlet, and introduction of an aerator. The 1958 plans also indicate that the reservoir was also lined with a masonry wall. In 1995, improvements included repairing the existing concrete spillway and retaining wall and armoring of the downstream face of the dam with gabion lining. Additional work was carried out on the crest of the dam including clearing trees and vegetation and repaving the surface of the dam crest. During this work, the gatehouse was demolished and the brick masonry pipe gallery under the dam was filled with pea gravel.

Based on background research regarding the Orange Reservoir and Dam, as well as site inspection, the report concludes that although the reservoir and dam have been subject to recent modifications, including repair and reshaping of the embankments and the spillway as well as the demolition of the gate house, the core of the dam and most of the original embankment remain in the same configuration. Additionally, the intake structure, pipes and pipe gallery remain in situ and the stone masonry retaining wall along the banks of the reservoir is found to be in good condition. The report recommends that the Orange Reservoir and Dam is eligible for listing on the New Jersey and National Registers of Historic Places under Criterion A for its connection to the rapid development of suburbs in New Jersey and the transition of the area from rural to suburban. The report also states that the Orange Reservoir and dam are significant under Criterion D for its potential to yield valuable information pertaining to the construction and operation of the dam. *The HPO does not have enough information to concur with assessment at this time.*

Based on the information presented, the HPO finds that additional information and clarifications are needed before the HPO can reach a conclusion regarding the eligibility of the property for listing on the New Jersey and National Registers of Historic Places. Specific questions the HPO has include:

- How does the Orange Reservoir and Dam compare to other reservoirs and dams in New Jersey of this period? New Jersey has at least 4 other reservoirs/dams that have been determined eligible for or are listed on the New Jersey and National Registers of Historic Places that may be used for comparative purposes.
- Why are the Orange Reservoir and Dam significant? What role this the Orange Reservoir and Dam play during its construction and use? Is there anything technologically distinct about the reservoir/dam? Is this the best example of a particular type of engineering and/or construction? Are there any notable people associated with the development of the Orange Reservoir and Dam?
- What was the City of Orange's water supply, prior to the construction of the Orange Reservoir and Dam?
- How does the Orange Reservoir and Dam relate to the South Mountain Reservoir Historic District?

In addition to the questions above, the HPO also recommends contacting the Olmsted Center for Landscape Preservation. The report references that while the Orange Reservoir and Dam were constructed

prior to the development of the ~~South~~ Mountain Reservation, it was included in the original plans for the park. While the original documentation for the Orange Reservoir and Dam could not be located as part of this review, the Olmsted Center may have more information on the Orange Reservoir and Dam and its original development.

Additional Comments

Report Comments

The following issues were noted with the submitted survey report:

1. The report submitted does not include the qualifications of the authors who prepared the report. At this point in time, it is unclear whether the Principal Investigator sufficiently meets the Secretary of the Interior's Professional Qualifications Standards for archaeology (48 FR 44738-9). The report should include the qualifications of the Principal Investigator, in the form of a resume or curriculum vitae should be included as an appendix. Inclusion of this document will assist the HPO in properly evaluating whether the Principal Investigator sufficiently meets the National Park Service's Professional Qualifications Standards for archaeology. Please submit a copy of the author's resume or curriculum vitae so that it can be appended to the report.
2. The report submitted did not include a digital copy of the report. The HPO requests that a copy of the final report on the data recovery be submitted in PDF format and be included on a CD.

Thank you for providing the opportunity to review and comment on the potential for the above-referenced project to affect historic properties. Please do not hesitate to contact Jesse West-Rosenthal of my staff at (609) 984-6019 with any questions regarding archaeology or Michelle Craren (609) 292-0032 with questions regarding historic architecture. Please reference the HPO project number 13-0094, in any future calls, emails, or written correspondence to help expedite your review and response.

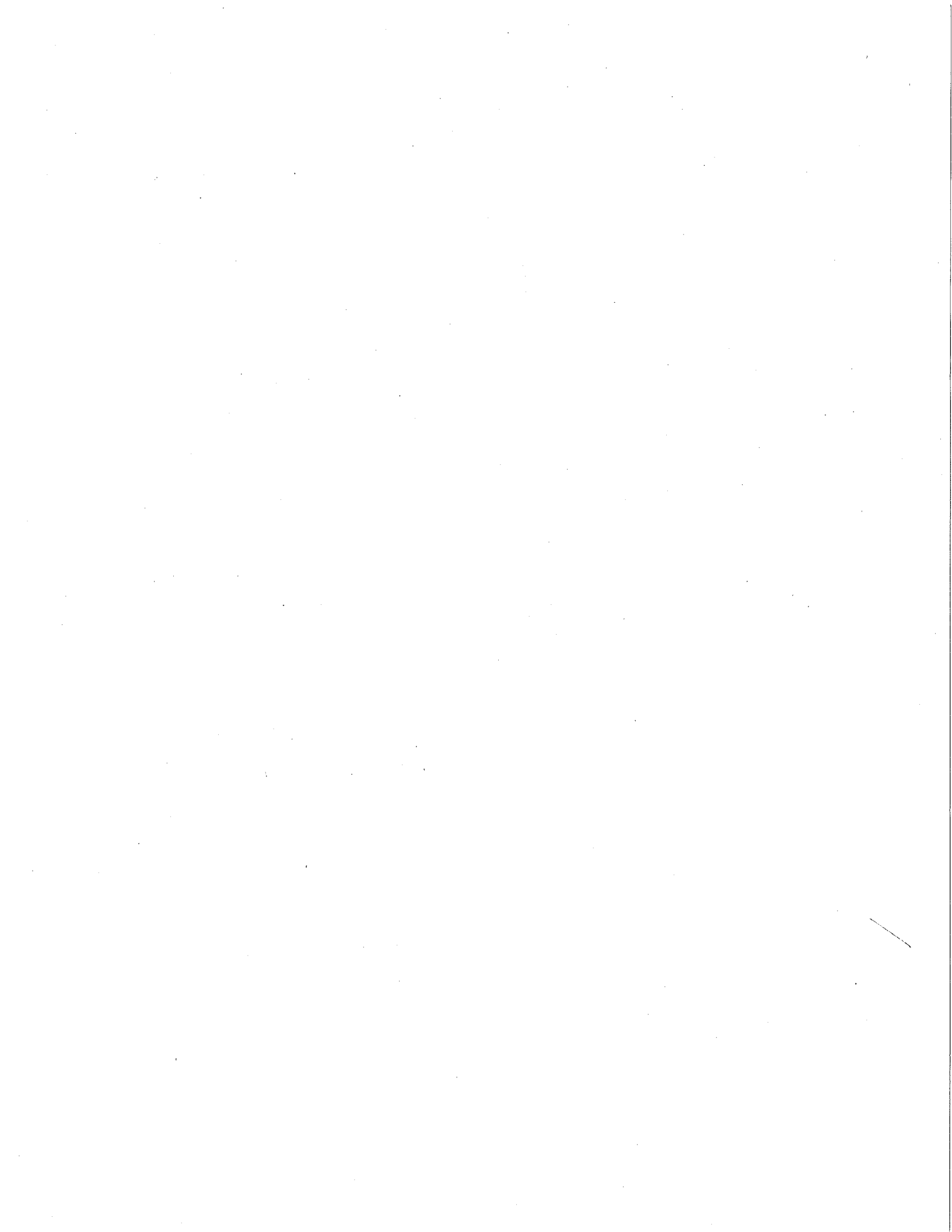
Sincerely,



Katherine J. Marcopul
Deputy State Historic
Preservation Officer

Cc: Carissa Scarpa, USACE

KJM/MMB/JWR





DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NY 10278-0090

REPLY TO
ATTENTION OF

August 12, 2016

Environmental Analysis Branch

Ms. Katherine Marcopul
Deputy State Historic Preservation Officer
Historic Preservation Office
New Jersey Department of Environmental Protection
CN 404
Trenton, NJ 08625-0404

RE: HPO K-2012-106
13-0094-1
Rahway River Flood Risk Management and Ecosystem Restoration Project

Dear Ms. Marcopul,

Thank you for providing Section 106 consultation comments regarding the report, titled *Phase I Cultural Resources Investigation of the Orange Reservoir and Dam, West Orange, Essex County, New Jersey for the Rahway River Flood Risk Management and Ecosystem Restoration Project*. As you know, the U.S. Army Corps of Engineers, New York District (District) has been evaluating a number of alternatives for flood risk management including modifications to the Orange Reservoir and Dam. The survey evaluated the Orange Reservoir and Dam for archaeological sensitivity and National Register of Historic Places (NRHP) eligibility. The report concluded that the Orange Reservoir and Dam was eligible for the National Register of Historic Places (NRHP) under Criterion A for its connection to the rapid development of suburbs in New Jersey and the transition of the area from rural to suburban and Criterion D for its potential to yield valuable information pertaining to the construction and operation of the dam. The New Jersey State Historic Preservation Office (HPO) has indicated that in order to concur with this assessment additional information is required. The District concurs with the HPO's recommendation that additional information and clarifications are needed to reach a determination of eligibility.

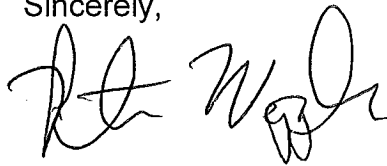
Modification to the Orange Reservoir and Dam along with channel modification along the Rahway River in Cranford, NJ has recently been identified by the District as the Tentatively Selected Plan (TSP) and the District is proceeding with preparation of an Environmental Impact Statement (EIS) in accordance with the National Environmental

Policy Act (NEPA) to address environmental impacts. Due to funding and scheduling constraints, additional research on the Orange Reservoir and Dam will not be carried out at this time, therefore, the District has revised its recommendations regarding the property to potentially eligible for the NRHP.

In accordance with the Section 106 of the National Historic Preservation Act of 1966, as amended, the District is in the process of preparing a Programmatic Agreement (PA) for the Rahway River Fluvial Flood Risk Management Project that will be coordinated with the HPO, Federally Recognized Tribes, and local interested parties. The PA will outline in detail the activities and tasks that must be carried out to conclude identification of significant resources, determine adverse effects and mitigate for those adverse effects. These activities include carrying out additional archaeological and architectural investigations based on the locations of project elements in coordination and consultation with the HPO, interested parties and Federally Recognized Tribes. The District shall include stipulations in the PA for carrying out an intensive-level architectural survey of the Orange Reservoir and Dam.

Enclosed is a revised copy of the draft report. As requested, the report includes a copy of the author's resume and a digital copy of the report. Thank you for your assistance in the Section 106 process. If you or your staff require additional information or have any questions, please contact Carissa Scarpa, Project Archaeologist at (917) 790-8612.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter Weppeler". The signature is fluid and cursive, with the first name being more prominent.

Peter Weppeler
Chief, Environmental Analysis Branch

Enclosures



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NY 10278-0090

October 26, 2016

Reply to the Attention of

Environmental Assessment Section
Environmental Analysis Branch

Mr. Reid Nelson, Director
Office of Federal Agency Programs
Advisory Council on Historic Preservation
401 F Street NW, Suite 308
Washington, DC 20001-2637

Dear Mr. Nelson:

The U.S. Army Corps of Engineers, New York District (District) is concluding the Rahway River Fluvial Flood Risk Management Feasibility Study. In recent years the District prepared a series of survey reports titled *Phase IA Cultural Resources Investigation of the Rahway River Flood Risk Management and Ecosystem Restoration Project*, *Reconnaissance-Level Cultural Resources Investigation for the Rahway River Flood Risk Management and Ecosystem Restoration Project*, and *Phase I Cultural Resources Investigation of the Orange Reservoir and Dam*. The surveys were carried out in accordance with Section 106 of the National Historic Preservation Act, as amended, and the Advisory Council on Historic Preservation Guidelines for the Protection of Cultural and Historic Properties (36 CFR Part 800) to identify significant historic properties in the study area. The reports were submitted to the New Jersey State Historic Preservation Office (NJSHPO) and other interested parties for review and comment at the time of their completion.

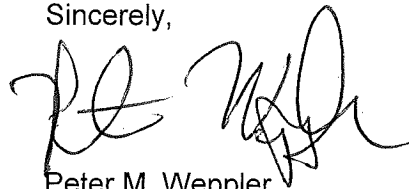
In May of this year the District met with the NJSHPO to review the Tentatively Selected Plan (TSP) and to discuss its intent to draft and execute a Programmatic Agreement (PA). To simplify coordination moving forward, two PAs have been prepared for the project, one that addresses the plan for flood risk management measures in the Cranford Section of the project area and another that addresses the measures planned for the Robinson's Branch Section of the project area. The PAs outline the steps required to carry out the District's remaining Section 106 responsibilities including conducting additional surveys, consultation with participating parties, determining adverse effects, and, if necessary, mitigation for adverse effects. A preliminary case report has been prepared that includes a summary of the cultural resources work undertaken to date, agency coordination letters, the draft PAs, and project maps along with other relevant project information (Enclosure).

I would like to take this opportunity to invite the Advisory Council on Historic Preservation to comment upon the draft PAs for the Rahway River Fluvial Flood Risk Management Project. In addition to the ACHP, a number of Tribes who have extensive cultural heritage in the region are invited to participate in the PAs as signatories as well. These are the Delaware Nation, the Shawnee Tribe of Oklahoma, and the Delaware Tribe of Indians.

Additionally, several historical societies have been invited to participate as concurring parties to the PAs due to their heavy involvement in preservation in the area. These are the Cranford Historic Preservation Advisory Board, the Cranford Historical Society, the Merchants and Drovers Tavern Museum Association, and the West Orange Historic Preservation Commission.

We invite you to consult with us on the Rahway River Fluvial Flood Risk Management Project and participate in the PAs as per 36 CFR Part 800.6. If you or your staff require additional information or have any questions, please contact Carissa Scarpa, Project Archaeologist, at (917) 790-8612.

Sincerely,

A handwritten signature in black ink, appearing to read 'Peter M. Weppler', written in a cursive style.

Peter M. Weppler
Chief, Environmental Analysis Branch

Enclosures



Preserving America's Heritage

November 28, 2016

Peter Wepler
Chief, Environmental Analysis Branch
U.S. Army Corps of Engineers - Planning
26 Federal Plaza - Room 2151
New York, NY 10278-0090

Ref: Rahway River Flood Risk Management and Ecosystem Restoration Project
Proposed Development of Two Programmatic Agreements for the Cranford and Robinson's
Branch Section
Union and Middlesex Counties, New Jersey

Dear Mr. Wepler:

On November 8th, 2016, the Advisory Council on Historic Preservation (ACHP) received your notification of adverse effect for the referenced undertaking that was submitted in accordance with Section 800.6(a)(1) of our regulations, "Protection of Historic Properties" (36 CFR Part 800). The background documentation included with your submission does not meet the specifications in Section 800.11(e) of the ACHP's regulations. We, therefore, are unable to determine whether Appendix A of the regulations, Criteria for Council Involvement in Reviewing Individual Section 106 Cases, applies to this undertaking. Accordingly, we request that you submit the following additional information so that we can determine whether our participation in the consultation to resolve adverse effects is warranted.

- Copies or summaries of any views provided by consulting parties, the public, and the New Jersey State Historic Preservation Officer.
- In your next submission to the ACHP, we request a copy of any response to the New Jersey State Historic Preservation Office's letter, date June 23rd, 2016.

Upon receipt of the additional information, we will notify you within 15 days of our decision.

Also, Mr. Lusher left a voicemail for Carissa Scarpa today, but he did not have her email address.

If you have any questions, please contact Mr. Brian Lusher at 202-517-0221 or via e-mail at blusher@achp.gov.

Sincerely,

Historic Preservation Technician
Office of Federal Agency Programs



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NY 10278-0090

March 13, 2017

Reply to the Attention of

Environmental Assessment Section
Environmental Analysis Branch

Mr. Reid Nelson, Director
Office of Federal Agency Programs
Advisory Council on Historic Preservation
401 F Street NW, Suite 308
Washington, DC 20001-2637

Dear Mr. Nelson:

The U.S. Army Corps of Engineers, New York District (District) is in receipt of your letter dated November 28, 2016 regarding the Rahway River Flood Risk Management and Ecosystem Restoration Project (Enclosure 1). In the letter your staff requested additional information to complete their review. The first item requested was a summary of the views of consulting parties, the public, and the New Jersey State Historic Preservation Officer (NJSHPO). The second item requested was the New York District's response to the NJSHPO's letter dated June 23rd, 2016. The New York District's response was mistakenly omitted from our original submittal to your office and is enclosed with this letter (Enclosure 2).

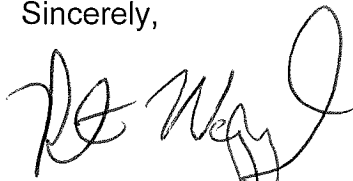
The New York District began coordinating with interested parties early in the feasibility phase of this project. Coordination was carried out with the NJHPO, the Cranford Historic Preservation Advisory Board (CHPAB), and the Rahway Historical Society upon completion of cultural resources survey reports in 2013. A public scoping meeting was held in June of 2015. In May of 2016 the New York District consulted again with the NJHPO and the CHPAB upon completion of the Orange Reservoir and Dam cultural resources survey report and identification of the Tentatively Selected Plan (TSP). The drafting of a Programmatic Agreement (PA) was discussed at that time and both parties were supportive of the approach for addressing adverse impacts through an agreement. Prior to the release of the draft Feasibility Report and Environmental Impact Statement (dFREIS) the District sent the preliminary case report and draft Programmatic Agreement to the NJHPO, federally recognized tribes and other interest groups as well as to your office for comment. The NJHPO provided comments via letter (Enclosure 3).

The public review of the dFREIS opened on December 9, 2016 and closed on February 7, 2017. The District received a number of comments related to the impacts to historic districts and their contributing properties (Enclosure 4). The District's responses to the comments received during the comment period for the dFREIS have been included in the table for additional clarification.

Summary of Views Provided by Consulting Parties and the Public: The NJSHPO has reviewed the draft PAs and is in support of their execution. They have recommended inviting CHPAB to participate in the Cranford PA as a signatory. The CHPAB has reviewed the dFREIS and the PAs and has suggested revisions to those documents. The CHPAB is overall supportive of the project and would be amenable to participating as a signatory on the Cranford PA. Public comment regarding the project's potential to impact cultural resources focused on concerns about the preservation of the Rahway River Parkway Historic District as an Olmstead Brothers designed park and the preservation of historic docks, steps, and patios along the Rahway River that are associated with historic homes in Cranford. The Delaware Tribe, Delaware Nation, and the Shawnee Tribe of Oklahoma have not commented on this project.

Thank you for your assistance in carrying out the New York District's Section 106 responsibilities. If you or your staff require additional information in order to complete your review of the project, please contact Carissa Scarpa, Project Archaeologist, at (917) 790-8612.

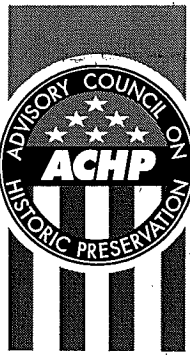
Sincerely,

A handwritten signature in black ink, appearing to read "Peter M. Wepler". The signature is fluid and cursive, with a large initial "P" and "W".

Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure I



Preserving America's Heritage

November 28, 2016

Peter Wepler
Chief, Environmental Analysis Branch
U.S. Army Corps of Engineers - Planning
26 Federal Plaza - Room 2151
New York, NY 10278-0090

Ref: Rahway River Flood Risk Management and Ecosystem Restoration Project
Proposed Development of Two Programmatic Agreements for the Cranford and Robinson's
Branch Section
Union and Middlesex Counties, New Jersey

Dear Mr. Wepler:

On November 8th, 2016, the Advisory Council on Historic Preservation (ACHP) received your notification of adverse effect for the referenced undertaking that was submitted in accordance with Section 800.6(a)(1) of our regulations, "Protection of Historic Properties" (36 CFR Part 800). The background documentation included with your submission does not meet the specifications in Section 800.11(e) of the ACHP's regulations. We, therefore, are unable to determine whether Appendix A of the regulations, Criteria for Council Involvement in Reviewing Individual Section 106 Cases, applies to this undertaking. Accordingly, we request that you submit the following additional information so that we can determine whether our participation in the consultation to resolve adverse effects is warranted.

- Copies or summaries of any views provided by consulting parties, the public, and the New Jersey State Historic Preservation Officer.
- In your next submission to the ACHP, we request a copy of any response to the New Jersey State Historic Preservation Office's letter, date June 23rd, 2016.

Upon receipt of the additional information, we will notify you within 15 days of our decision.

Also, Mr. Lusher left a voicemail for Carissa Scarpa today, but he did not have her email address.

If you have any questions, please contact Mr. Brian Lusher at 202-517-0221 or via e-mail at blusher@achp.gov.

Sincerely,

Historic Preservation Technician
Office of Federal Agency Programs



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NY 10278-0090

REPLY TO
ATTENTION OF

August 12, 2016

Environmental Analysis Branch

Ms. Katherine Marcopul
Deputy State Historic Preservation Officer
Historic Preservation Office
New Jersey Department of Environmental Protection
CN 404
Trenton, NJ 08625-0404

RE: HPO K-2012-106
13-0094-1
Rahway River Flood Risk Management and Ecosystem Restoration Project

Dear Ms. Marcopul,

Thank you for providing Section 106 consultation comments regarding the report, titled *Phase I Cultural Resources Investigation of the Orange Reservoir and Dam, West Orange, Essex County, New Jersey for the Rahway River Flood Risk Management and Ecosystem Restoration Project*. As you know, the U.S. Army Corps of Engineers, New York District (District) has been evaluating a number of alternatives for flood risk management including modifications to the Orange Reservoir and Dam. The survey evaluated the Orange Reservoir and Dam for archaeological sensitivity and National Register of Historic Places (NRHP) eligibility. The report concluded that the Orange Reservoir and Dam was eligible for the National Register of Historic Places (NRHP) under Criterion A for its connection to the rapid development of suburbs in New Jersey and the transition of the area from rural to suburban and Criterion D for its potential to yield valuable information pertaining to the construction and operation of the dam. The New Jersey State Historic Preservation Office (HPO) has indicated that in order to concur with this assessment additional information is required. The District concurs with the HPO's recommendation that additional information and clarifications are needed to reach a determination of eligibility.

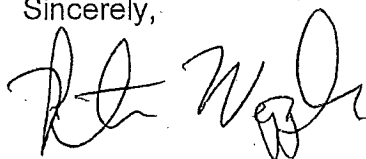
Modification to the Orange Reservoir and Dam along with channel modification along the Rahway River in Cranford, NJ has recently been identified by the District as the Tentatively Selected Plan (TSP) and the District is proceeding with preparation of an Environmental Impact Statement (EIS) in accordance with the National Environmental

Policy Act (NEPA) to address environmental impacts. Due to funding and scheduling constraints, additional research on the Orange Reservoir and Dam will not be carried out at this time, therefore, the District has revised its recommendations regarding the property to potentially eligible for the NRHP.

In accordance with the Section 106 of the National Historic Preservation Act of 1966, as amended, the District is in the process of preparing a Programmatic Agreement (PA) for the Rahway River Fluvial Flood Risk Management Project that will be coordinated with the HPO, Federally Recognized Tribes, and local interested parties. The PA will outline in detail the activities and tasks that must be carried out to conclude identification of significant resources, determine adverse effects and mitigate for those adverse effects. These activities include carrying out additional archaeological and architectural investigations based on the locations of project elements in coordination and consultation with the HPO, interested parties and Federally Recognized Tribes. The District shall include stipulations in the PA for carrying out an intensive-level architectural survey of the Orange Reservoir and Dam.

Enclosed is a revised copy of the draft report. As requested, the report includes a copy of the author's resume and a digital copy of the report. Thank you for your assistance in the Section 106 process. If you or your staff require additional information or have any questions, please contact Carissa Scarpa, Project Archaeologist at (917) 790-8612.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter Wepler", written in a cursive style.

Peter Wepler
Chief, Environmental Analysis Branch

Enclosures



HPO Project # 13-0094-5
HPO- L2016-044
Page 1 of 2

State of New Jersey

MAIL CODE 501-04B

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NATURAL & HISTORIC RESOURCES

HISTORIC PRESERVATION OFFICE

P.O. Box 420

Trenton, NJ 08625-0420

TEL. (609) 984-0176 FAX (609) 984-0578

CHRIS CHRISTIE
Governor

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

December 7, 2016

Peter M. Wepler
Chief, Environmental Analysis Branch
Department of the Army
Corps of Engineers, New York District
Jacob K. Javits Federal Building
New York, NY 10278-0090

Dear Mr. Wepler:

As Deputy State Historic Preservation Officer for New Jersey, in accordance with 36 CFR Part 800: Protection of Historic Properties, as published in the *Federal Register* on December 12, 2000 (65 FR 77725-77739) and amended on July 6, 2004 (69 FR 40544-40555), I am providing continuing Consultation Comments for the following proposed undertaking:

**Middlesex and Union Counties
Programmatic Agreements
Cranford Section and Robinson's Branch Section
Rahway River Flood Risk Management and Ecosystem Restoration Project
United States Department of the Army, Corps of Engineers**

Thank you for providing the Historic Preservation Office (HPO) with the opportunity to review and comment on the two draft Programmatic Agreements for the Cranford Section and Robinson's Branch Section of the Rahway River Flood Risk Management and Ecosystem Restoration Project, received at our office on October 24, 2016, for the above-referenced undertaking. Based on our review, the HPO has the following comments:

- General Comments
 - The language used in reference to consulting parties is inconsistent throughout the Programmatic Agreements. Please revise the documents to make this language consistent throughout.
 - The New Jersey Historic Preservation Office Phase I archaeological survey guidelines should be cited as, "New Jersey Historic Preservation Office Guidelines For Phase I Archaeological Investigations: Identification Of

Archaeological Resources (N.J.A.C. 7:4-8.4).” Please update the Programmatic Agreements appropriately.

- All phases of the archaeological survey reporting will need to be in keeping with N.J.A.C. 7:4- 8.5. Please cite these standards, where appropriate, as, “New Jersey Historic Preservation Office Requirements for Archaeological Survey Reports - Standards for Report Sufficiency (N.J.A.C. 7:4-8.5).”
- The Programmatic Agreements should contain a stipulation(s) to address situations where project plans change after consultation has been conducted. How will post-review changes in scope be addressed? Please update the Programmatic Agreements to address these situations.
- Cranford Section Programmatic Agreement
 - The Cranford Historic Preservation Advisory Board should be a signatory to the Programmatic Agreement. Please include them as a signatory in the updated agreement.
 - The City of Cranford has just completed a baseline historic resources survey entitled, “Phase 1 Cranford Historic Resources Survey: Review of Existing Documentation, Baseline Inventory, and Survey Updates.” This report should be utilized as a starting point for identification-level survey and should be referenced in the Programmatic Agreement.

The HPO looks forward to further consultation with the United States Department of the Army, Corps of Engineers regarding the development and implementation of this agreement document.

Additional Comments

Thank you for providing the opportunity to review and comment on the potential for the above-referenced project to affect historic properties. Please do not hesitate to contact Jesse West-Rosenthal of my staff at (609) 984-6019 with any questions regarding archaeology or Jenna Solomon (609) 984-0176 with questions regarding historic architecture. Please reference the HPO project number 13-0094, in any future calls, emails, or written correspondence to help expedite your review and response.

Sincerely,



Katherine J. Marcopul
Deputy State Historic
Preservation Officer

Cc: Carissa Scarpa, USACE
Maureen Strazdon, CHPAB (via e-mail)

KJM/MMB/JWR

Carissa Scarpa, USACE
At same address

Maureen Strazdon, CHPAB (via e-mail)
preservcranford@yahoo.com

Rahway River Basin Flood Risk Management Draft Integrated Feasibility Report and Environmental Impact Statement
Public and Agency Comments Received

Enclosure 4

Cultural Resources Comments/ Questions

Commenter	Comment	Response
<p>7 Feb 17 Armbruster 7 Feb 17 Hanson Park Conservancy</p>	<p>A retaining wall was in place along those properties, and the original deeds included land up to the midpoint of the river. A 1902 river carnival photo, submitted as part of our comments, clearly shows the retaining wall.</p>	<p>In accordance with the draft Programmatic Agreement (Appendix A5), following authorization of this project the retaining walls, docks and other features along the River will be inventoried and evaluated comprehensively to determine whether they are eligible for the National Register of Historic Places (NRHP) individually or as contributing elements to the Rahway River Parkway Historic District or the North Cranford Historic District. Many of the structures along the River are likely to be determined eligible as contributing elements to the Rahway River Parkway Historic District, the Union County Parks Historic District, and the North Cranford Historic District. As plans are developed in more detail and the extent of the deepening and widening of the River is determined at each location the adverse effects to the structures along the River will be determined and measures will be taken to resolve adverse effects including avoidance, minimization of effects, and mitigation. If avoidance is not possible a mitigation plan will be developed for impacted structures in coordination with consulting parties including the North Cranford Historical Commission, the New Jersey Historic Preservation Office, and the property owner. Mitigation measures may consist of but are not limited to documentation, replacement in kind, and reuse of historic materials.</p> <p>In accordance with the draft Programmatic Agreement (Appendix A5) archaeological investigations will be carried out when the project is authorized and the plan is further developed to identify archaeological sites and their</p>

Rahway River Basin Flood Risk Management Draft Integrated Feasibility Report and Environmental Impact Statement
Public and Agency Comments Received

Commenter	Comment	Response
<p>6 Feb 17 Freeman 31 Jan 17 Turfaro 27 Jan 17 Sprow 23 Jan 17 Ryan 16 Jan 17 Coughlin</p>	<p>Develop a design which will preserve and enhance the Olmsted designed Rahway River Parkway, a unique historic landscape asset in Union County. The Army Corps of Engineers, before continuing along the lines of the current TSP, should undertake a full reassessment of flood risk management needs and solutions, taking into full account the indispensable role of the surrounding landscape, including but not limited to the Rahway River Parkway. Such reevaluation, must include one or more Landscape Architects on the team. In 1986, the Rahway River Parkway was declared eligible for historic preservation by NISHPO. I urge USACE to develop and implement a comprehensive strategy and design that will emphasize native vegetation and nature-based solutions to preserve and enhance the Olmsted landscape design of the Rahway River Parkway, a unique historic landscape asset in Union County, as well as provide feasible reductions of flood risk to all vulnerable properties identified within this study.</p>	<p>boundaries within the areas affected by project activities and to determine the potential adverse effects to archaeological remains. If the project has the potential to adversely impact the remains of the canoe club and the fireplace or any other significant historic resources in Hanson Park steps will be taken to resolve the adverse effects through avoidance or minimization through design changes. If adverse effects cannot be resolved a mitigation plan will be prepared in coordination with consulting parties including the North Cranford Historic Preservation Advisory Board and the New Jersey Historic Preservation Office.</p> <p>The Corps is aware that the project has the potential to impact the Rahway River Parkway Historic District along with a number of other historic resources. In accordance with the draft Programmatic Agreement (Appendix A5) an architectural survey of the area of potential effect (APE) for the selected plan will be carried out prior to completion of the project design by an architectural historian knowledgeable about landscape architecture and the history of Olmsted park design and the parks movement in the United States and who meets the National Park Service's Qualifications and the Secretary of the Interior's Standards for Historic Preservation. The architectural survey or surveys will consist of inventorying individual contributing elements to the districts, gathering additional background information on the history of the parks system, and defining the potential adverse effects that could result from the project. Adverse effects include altering its visual character and use as well as physically changing or removing individual contributing elements. Consideration of the historic district and other historic resources has been a</p>

Railway River Basin Flood Risk Management Draft Integrated Feasibility Report and Environmental Impact Statement
Public and Agency Comments Received

Commenter	Comment	Response
2 Feb 17 Bush	<p>If the permanent easement does include an encroachment upon the land and thus the destruction of any existing structures along the river, then we are very concerned about losing our historic stone fire pit/dock. The fire pit constructed at the back of the property may very well be close to 100 years old. A dock of this nature, if destroyed, could never be replaced today. Although the Army Corps suggests that structures affected by the project would be replaced, it would be cost prohibitive to try to match the existing historical characteristics of our fire pit.</p>	<p>factor in the development of alternatives for this project and will continue to be a factor. Should adverse effects be anticipated from the construction of the project steps will be taken to resolve those adverse effects through avoidance or modification of the design. Mitigation plans will be developed in coordination with consulting parties including the Cranford Historic Preservation Advisory Board and the New Jersey Historic Preservation Office. Ways of reducing the impacts of the project will include using materials that are compatible with existing park elements and overall designing the project to be sympathetic to the park layout.</p> <p>The Corps is aware that there are a number of historic properties within the project area. As more detailed project plans are developed in the next phase of the project the impact of the project on these structures will be known. In accordance with the draft Programmatic Agreement and in coordination with the Cranford Historic Preservation Advisory Board and the New Jersey Historic Preservation Office, property owners, and other consulting parties steps will be taken to resolve adverse effects. Where avoidance of a resources is not feasible through modifying the project plans, minimization of impacts and mitigation will be carried out. A mitigation plan will be developed and carried out in coordination with the New Jersey Historic Preservation Office, Cranford Historic Preservation Advisory Board, and the homeowners. Mitigation may consist of, but would not be limited to, documentation, replacement in kind, relocating structures or reuse of historic materials.</p>
25 Feb 17 Walter	<p>Our home is part the NJDEP- Historic Preservation Office in the New Jersey and National Registers of</p>	<p>The Corps is aware that there are a number of historic properties within the project area. As more detailed project</p>

Rahway River Basin Flood Risk Management Draft Integrated Feasibility Report and Environmental Impact Statement
Public and Agency Comments Received

Commenter	Comment	Response
<p>23 Jan 17 Cranford Historic Preservation Advisory Board (CHPAB)</p>	<p>Historic Places. Our home is also listed with the Cranford Historic Preservation Board (page 3, #9) (there is a typo, as our house is number 9. 16 Holly Street is number 8 on this list). The back staircase, dock and wall were built when the house was built and should be protected under preservation ordinances. Below are photographs of our lot taken January 25, 2017:</p> <ul style="list-style-type: none"> • Note that there is absolutely no land that can be temporarily or permanently used. • There is a historic staircase, boat dock and wall built when house was built in 1903. • This historic structure is actively used all four seasons. • The original two-car garage is only about five feet from the edge of the river wall. • The terrace is only about 3 feet from the edge of the historic dock. The land along the river in our area should be taken from the McConnell Park banks, which are directly across from us. 	<p>plans are developed in the next phase of the project the impact of the project on these structures will be known. In accordance with the draft Programmatic Agreement (Appendix A5) and in coordination with the Cranford Historic Preservation Advisory Board, the New Jersey Historic Preservation Office, the homeowners, and other consulting parties the Corps shall take steps to avoid impacts to significant historic resources when possible. However, where avoidance of a resources is not feasible, mitigation will be carried out. A mitigation plan would be developed and carried out in coordination with consulting parties. Mitigation may consist of, but would not be limited to, replacement in kind, relocating structures or reuse of historic materials.</p>
<p>CHPAB</p>	<p>Section 3.9.5, the Rahway River Parkway is noted as individually eligible, however this resource was identified as an historic district. Additionally, the term “Determination of Eligibility (DOE)” refers specifically to findings issued by the Keeper of the National Register, National Park Service. Rahway River Parkway Historic District has instead a SHPO Opinion issued by the Deputy State Historic Preservation Officer.</p>	<p>Concur, the language will be revised accordingly.</p>
<p>CHPAB</p>	<p>Section 3.9.6, this section notes that Droesch’s Mill, is the one property within the project area listed in the National Register of Historic Places, however the project area is noted as extending only 650’ below South Avenue. Please clarify the southern limits of project area.</p>	<p>Droesch’s Mill was identified within the study area during the 2013 cultural resources survey which looked at a number of alternatives considered for the project. It is not located within the APE for Alternative 4A, the selected plan. The Crane-Phillips House was not included within the APE because the visual APE could not be determined at this</p>

Rahway River Basin Flood Risk Management Draft Integrated Feasibility Report and Environmental Impact Statement
Public and Agency Comments Received

Commenter	Comment	Response
CHPAB	<p>Section 3.9.6, the Crane-Phillips House is listed on the National Register, and is immediately adjacent to the project area. This resource should also be included in the APE due to potential for visual impact if landscape along riverbank requires modification in section below Hansel's Dam.</p>	<p>time. As project plans are further developed and details are provided concerning the channelization of the River, a visual APE will be determined and resources that are affected will be considered. The final report will include a map showing the APE for the selected plan as well as a discussion of how the APE will be refined along with the refinement of project plans.</p>
CHPAB	<p>Appendix A5; There is an inconsistency in the approach of the cultural resources survey prepared for the USACE (Panamerican Consultants, Inc. 2013a) to include or exclude resources from the architectural survey as well as an inconsistency in the evaluation of resources individually or as part of a historic district. The Cranford Historic Preservation Advisory Board (HPAB) has completed a comprehensive Phase 1 cultural resources survey for Cranford which has been provided to USACE for integration into future cultural resources evaluations for the project: <i>Phase 1 Cranford Historic Resources Survey: Review of Existing Documentation, Baseline Inventory, and Survey Updates, Cranford Historic Preservation Advisory Board, November 2016</i> (HPAB-2016).</p>	<p>The purpose of the Phase IA cultural resources survey prepared by Panamerican Consultants, Inc. in 2013 was to collect baseline data on the study area where a series of project alternatives were proposed. Information on the presence of historic resources within the study area allowed for consideration of potential impacts to those resources during the alternatives analysis phase of the feasibility study. The Corps will use the CHPAB's 2016 report to supplement the 2013 survey and will revise the draft report and Programmatic Agreement accordingly.</p>
CHPAB	<p>Appendix A5; The HPAB recommends that the Union County Parks System (UCPS) be treated as a Multiple Property Submission and the Rahway River Parkway Historic District (RRPWHHD) be treated as an Historic District Component of the UCPS. The individual park units should be treated as either districts or individual properties depending on their level of complexity consistent with NR guidance.</p>	<p>Concur, a reorganization and consolidation of the historic properties within the study area and within the Union County Parks System will be carried out in coordination with the CHPAB, the NJSHPD and other consulting parties.</p>

Rahway River Basin Flood Risk Management Draft Integrated Feasibility Report and Environmental Impact Statement
Public and Agency Comments Received

Commenter	Comment	Response
CHPAB	Appendix A5; Regarding archaeological testing, there must be advanced and repeated communication about testing with affected Cranford property owners regarding testing on their land.	Concur, no testing can occur without prior agreement of the property owner.
CHPAB	Appendix A5; Additional identification and characterization of the existing landscape elements within the RRPWHD is necessary to understand how and where the proposed modifications will impact the historic character of the RRPWHD/UPCS.	Concur, this identification and characterization will be conducted in accordance with the Programmatic Agreement.
CHPAB	Appendix A5; The width of the existing stream corridor varies widely through the project corridor. It seems that total final width can vary dramatically depending on depth of bed and side slope height. Please provide additional documentation of how these calculations will be made.	The final draft of the report will include typical profiles showing the way the project would alter the river bank and the slope, however, a detailed design will not be available until after the feasibility phase. Refinement of the plan in the next phase of the study, the Project Engineering and Design (PED) phase, will produce detailed plans of this nature.
CHPAB	Appendix A5; Hansel and Droescher's dams are noted as likely to be removed. Although additional research is necessary, these dams were likely constructed as part of development of the RRPWHD in vicinity of earlier impoundments for historic period mills along the river. Both are considered contributing to RRPWHD/UPCS. It does not appear, however, that Droescher's Mill Dam is within the project area. Please clarify.	Removal of Hansel Dam and Droescher's Dam are not part of the selected plan. The statement in the preliminary case report in Appendix A5 refers to an earlier description of the alternative, not the selected alternative described in the main DPREIS. The case report will be revised to correspond to current project plans.
CHPAB	Appendix A5; Regarding the Area of Potential Effects (APE), while the Project Area is depicted in Figure 2, Page 4, the discussion of the APE in this section does not cite the specific width of the APE relative to the project corridor in Cranford. Please include a more detailed discussion of how	The layout provided in Figure 2 is the study area covered by the Phase IA cultural resources survey which included various alternatives. Figure 6 provides the layout of the selected alternative. The APE has not been delineated in detail. The final report will include an APE for the selected

Rahway River Basin Flood Risk Management Draft Integrated Feasibility Report and Environmental Impact Statement
Public and Agency Comments Received

Commenter	Comment	Response
CHPAB	the APE was delineated and how it might be revised based on future design decisions.	plan as well as a discussion of how the APE will be refined along with the refinement of the project plans.
CHPAB	Appendix A5; The study area includes a section along Riverside Drive connecting the southwestern loop of the river corridor, but no discussion of the project activity in this section has been provided.	The study area depicted in Figure 2 is the study area that was the focus of the Phase IA cultural resources survey which included other alternatives in addition to the selected alternative. Figure 6 depicts the selected alternative. The section along Riverside Drive is not part of the selected alternative, it was associated with a diversion culvert which was part of a different alternative.
CHPAB	Appendix A5; Regarding Table 2: Historic Properties within the Cranford Section TSP, we note a general inconsistency between resources surveyed in PANAMERICAN and those listed in Table 2, which lists some resources not included by PANAMERICAN, and omits some resources that were included by PANAMERICAN. This reiterates our comments above that comprehensive documentation that can effectively inform effects assessment will be necessary in order to complete Section 106 review.	The purpose of the Phase IA cultural resources survey prepared by Panamerican Consultants, Inc. in 2013 was to collect baseline data on the study area where a series of project alternatives were proposed. Information on the presence of historic resources within the study area allowed for consideration of the potential for adverse effects during the alternatives analysis phase of the feasibility study. The final report will include a map delineating the APE for the selected alternative and the Corps will use the CHPAB's 2016 report to supplement the data from the 2013 survey to revise the table of Historic Properties accordingly.
CHPAB	Appendix A5; HPAB concurs that additional intensive level architectural survey is warranted for the APE. The baseline inventories for properties and districts (Tables 4 and 5) in HPAB-2016 can inform that effort.	Concur. This will be done as part of the implementation of the stipulations of the PA.
CHPAB	Appendix A5; The use of separate PA's does not seem appropriate unless the projects are to be implemented independently.	The use of separate PAs is necessary due to the significant difference in flood damage reduction measures between the two areas (non-structural and structural measures) and because the Robinsons Branch portion of the project and the Cranford portion of the project are likely to move forward at different times.

Rahway River Basin Flood Risk Management Draft Integrated Feasibility Report and Environmental Impact Statement
Public and Agency Comments Received

Commenter	Comment	Response
<p>CHPAB</p>	<p>Appendix A5; Revisions to the Programmatic Agreement were recommended including:</p> <ul style="list-style-type: none"> Stipulation I.A of the Programmatic Agreement; Is the “initiation of construction-related activities” the correct project milestone to reference here? It would seem that finalization of design or adoption of final designs would be more appropriate milestones by which identification efforts should be concluded. Stipulation II: Treatment of Historic Properties: Assessment of Effects is not addressed by this P.A. It skips from IDENTIFICATION to TREATMENTS without first determining impacts. There is no need to evaluate treatments for properties for which the findings are No Historic Properties Affected (NHPA) or No Historic Properties Adversely Affected (NHPAA). HPAB recommends inserting a new section “I. EFFECTS ASSESSMENT” to detail how consultation will occur regarding effects. Stipulation II.A: Treatment Strategies: This section is unclear as to how mitigation will be developed for cases where adverse effects cannot be avoided or minimized. Perhaps these treatments can be more clearly articulated as discrete sections: AVOIDANCE (largely as drafted in A1), MINIMIZATION, which is the intent of the existing section A2, and a new A3, MITIGATION which would detail how mitigation activities will be developed and/or specify standard mitigation treatments. Stipulations II.C, II.D, and II.E: The resource types defined by these sections should be grouped together in a manner similar to the treatments outlined at IIA. 	<p>Stipulation I.A: Concur, the language for Stipulation 1A was changed to read “during the Project Engineering and Design phase of the project” which is the phase of the project following feasibility and before construction.</p> <p>Stipulation II: Concur, An Effects Assessment section will be added to the PA and sections from Stipulation II Treatment of Historic Properties that address the assessment of effects will be moved to this Effects Assessment section.</p> <p>Stipulation II.A-E: Concur, grouping of treatment strategies will be reorganized so as to be clearer.</p> <p>Stipulation II.C.2: Concur, standard mitigation treatments that are listed in the PA represent a sampling of types of treatments, it is not a complete list. The PA has been revised to clearly state that this is not a complete list of treatments that will be considered.</p> <p>Stipulation III.C.2c: Concur, the District will develop treatment guidelines and evaluate project designs for their compatibility with the existing historic resources. The concept of developing a plan to develop guidelines is redundant.</p> <p>Stipulation VII.F: Concur, the PA will be revised to state that at the end of the seven year period if the project is still active (not terminated or authorization rescinded) the signatories shall meet and decide either to extend the existing agreement or to update it provided all parties agree.</p> <p>Figure in Appendix B of PA: Concur, the map in appendix B is taken from the Phase IA survey and its purpose is to</p>

Rahway River Basin Flood Risk Management Draft Integrated Feasibility Report and Environmental Impact Statement
 Public and Agency Comments Received

Commenter	Comment	Response
	<p>(i.e. II.C.1: Architecture, II.C.2: Archaeology, and C.3: Landscapes) Additionally, the intersection of the treatments outlined at II.A and the resource types in C, D and E should be more clearly established in the PA.</p> <ul style="list-style-type: none"> Stipulation III.C.2: Standard Mitigation: This list of standard mitigation treatments could be expanded to include a wider variety of mitigation options such as activities that would enhance preservation of existing resources or contextual studies that enable a better understanding of particular resource types. Stipulation III.C.2.c: This stipulation is unclear. It seems to address the issue of contextual new design in historic districts, but unclear whether this activity achieves such a design guidance document or merely a plan to develop such a document. Stipulation VII.F: The 7 year period should be qualified such that it automatically extends as long as the project is in active development. Cranford was arbitrarily denied mitigation funding developed as part of the MOA for replacement of the Springfield Avenue Bridge (SE crossing) because the County did not implement the project and the stipulations within the timeframes outlined in the MOA, and deemed that the terms of the MOA were no longer applicable due to a similar expiration clause. The figure in Appendix B should be updated to include the revised boundary of the NCHD recommended in HPAB-2016. We encourage the SHPO to consider revising the SHPO Opinion for 	<p>show the study boundaries. The District does not have the authority to influence the SHPO in their revision of district boundaries. Future investigations will certainly take the CHPAB's boundaries and any future SHPO opinions into consideration.</p>

Rahway River Basin Flood Risk Management Draft Integrated Feasibility Report and Environmental Impact Statement
 Public and Agency Comments Received

Commenter	Comment	Response
	the NCHD to be consistent with this expanded boundary.	



Preserving America's Heritage

March 28, 2017

Peter Wepler
Chief, Environmental Analysis Branch
U.S. Army Corps of Engineers - Planning
26 Federal Plaza - Room 2151
New York, NY 10278-0090

Ref: Rahway River Flood Risk Management and Ecosystem Restoration Project
Proposed Development of Two Programmatic Agreements for the Cranford and Robinson's
Branch Section Union and Middlesex Counties, New Jersey

Dear Mr. Wepler:

The Advisory Council on Historic Preservation (ACHP) has received your notification and supporting documentation regarding the adverse effects of the referenced undertaking on a property or properties listed or eligible for listing in the National Register of Historic Places. Based upon the information you provided, we have concluded that Appendix A, *Criteria for Council Involvement in Reviewing Individual Section 106 Cases*, of our regulations, "Protection of Historic Properties" (36 CFR Part 800), does not apply to this undertaking. Accordingly, we do not believe that our participation in the consultation to resolve adverse effects is needed. However, if we receive a request for participation from the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer, affected Indian tribe, a consulting party, or other party, we may reconsider this decision. Additionally, should circumstances change, and you determine that our participation is needed to conclude the consultation process, please notify us.

Pursuant to 36 CFR §800.6(b)(1)(iv), you will need to file the final Programmatic Agreement (PA), developed in consultation with the New Jersey State Historic Preservation Office's (SHPO's) and any other consulting parties, and related documentation with the ACHP at the conclusion of the consultation process. The filing of the PA and supporting documentation with the ACHP is required in order to complete the requirements of Section 106 of the National Historic Preservation Act.

Thank you for providing us with your notification of adverse effect. If you have any questions or require further assistance, please contact Christopher Daniel at 202 517-0223 or via e-mail at cdaniel@achp.gov.

Sincerely,

Artisha Thompson
Historic Preservation Technician
Office of Federal Agency Programs

Appendix A.1

Rahway River Basin Draft Programmatic Agreements (PA) 2016

DRAFT
PROGRAMMATIC AGREEMENT
AMONG
THE U. S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
AND
THE NEW JERSEY STATE HISTORIC PRESERVATION OFFICE
REGARDING
THE RAHWAY RIVER FLUVIAL FLOOD RISK MANAGEMENT PROJECT
CRANFORD SECTION
UNION COUNTY, NEW JERSEY

WHEREAS, the U.S. Army Corps of Engineers, New York District, (New York District) plans to carry out the Rahway River Fluvial Flood Risk Management Project (Undertaking) pursuant to the U.S. House of Representatives Resolution Docket 2548, adopted 24 March 1998; and

WHEREAS, the Undertaking consists of two sections, the Cranford section that is the subject of this PA and the Robinson's Branch section that is addressed in another Programmatic Agreement; and

WHEREAS, the Undertaking for the Cranford section, the details of which have not been finalized at this time, consists of channel modification along the Rahway River in Cranford and modification to the Orange Reservoir and Dam in West Orange, NJ (Appendix A); and

WHEREAS, the New York District has defined the "Area of Potential Effect" (APE) for this Undertaking to consist of the areas of channel modification within the Rahway River, the Orange Reservoir and Dam, permanent easements along the banks of the channel and near the Orange Reservoir and Dam and any construction staging and mitigation areas associated with the Undertaking; and

WHEREAS, the New York District is applying the National Register of Historic Places (NRHP) Criteria to properties identified within the APE on a phased basis, and to date has completed a Phase IA cultural resources survey within the APE with the recognition that additional identifications and evaluations are required for project actions which have not yet been finalized (Appendix B); and

WHEREAS, the New York District has conducted a survey of the Orange Reservoir and Dam and has determined that it is potentially eligible for the National Register of Historic Places (NRHP); and

WHEREAS, the APE overlaps with portions of the North Cranford Historic District, the Rahway River Parkway Historic District, the Union County Park System Historic District, and the Central New Jersey Main Line Corridor Historic District as well as many other NRHP-eligible and potentially eligible historic resources; and

WHEREAS, the New York District has determined that the Undertaking has the potential to have an adverse effect on the identified historic properties and districts within the APE; and

WHEREAS, the New York District has not carried out the surveys necessary to conclude identification of historic properties for the selected alternative; and

WHEREAS, the New York District has invited the Advisory Council on Historic Preservation (ACHP), the Delaware Nation, The Delaware Tribe of Indians, the Shawnee Tribe of Oklahoma, the North Cranford Historic Preservation Advisory Board, the Union County Department of Parks, Planning and Community Renewal, the West Orange Historic Preservation Commission, and the Essex County Department of Parks, Recreation, and Cultural Affairs to participate in the Section 106 process; and

WHEREAS the New York District plans to make this Draft PA available for public review in the Draft Environmental Impact Statement prepared under the National Environmental Policy Act which will serve as the District's Section 106 public coordination for this undertaking; and

WHEREAS, the New York District shall implement the provisions of this PA as funding for the Undertaking is appropriated in future years; and

WHEREAS, in accordance with 36 CFR Part 800.14, the New York District and the NJSHPO have determined that execution of this PA will establish alternative procedures to streamline the coordination of the Project as plans are developed and the project moves forward; and

NOW, THEREFORE, the New York District and the signatories agree that the Undertaking shall be administered in accordance with the following stipulations to satisfy the New York District's Section 106 responsibilities for all individual actions of the Undertaking.

Stipulations

The New York District shall ensure that the following measures are carried out:

I. IDENTIFICATION AND EVALUATION

- A. Prior to initiation of construction-related activities the New York District, in consultation with the NJSHPO, and the historical societies and the Tribes who have expressed an interest in participating in consultation either as signatories or as concurring parties will design and carry out surveys to complete the identification of historic properties and archaeological sites within the APE.

1. Archaeological Sites

- a. The New York District shall ensure that archaeological surveys within the uninvestigated portions of the APE are conducted in a manner consistent with the Secretary of the Interior's Standards and Guidelines for Identification (48 FR 44720-23) and the NJSHPOs Guidelines for Phase I Archaeological Investigations.
- b. The survey report will be submitted to the NJSHPO and other consulting parties for review and consultation.

2. Traditional Cultural Properties

- a. The New York District will ensure that future surveys within the APE include procedures to identify Traditional Cultural Properties and to consult with Federally Recognized Tribes and other affected parties in accordance with the guidelines provided by National Park Service Bulletin 38, Guidelines for Evaluating and Documenting Traditional Cultural Properties.
- b. In the event that a Federally Recognized Tribe or affected group contacts the New York District regarding its recognition of a Traditional Cultural Property located within the APE, the New York District will notify the NJSHPO to initiate discussions to evaluate whether the property is a Traditional Cultural Property that meets the Criteria.

3. Buildings and Structures

- a. The New York District will ensure that surveys are conducted for buildings and structures in the APE in a manner consistent with the Secretary of the Interior's Standards and Guidelines for Identification (48 FR 44720-23) and which takes into account the statewide historic contexts developed by the NJSHPO. The survey will be conducted following consultation with the NJSHPO and other signatories, and a report of the survey, consistent with the NJSHPO's Guidelines for Architectural Survey, will be submitted to the NJSHPO and all other consulting parties for review and consultation.
- b. The New York District, in consultation with the NJSHPO and the participating historical societies, will identify and evaluate buildings and structures that are located adjacent to listed or eligible NRHP Historic Districts to determine whether such properties should be considered as part of the Historic District or an expanded District.

4. Historic Landscapes and Viewsheds

- a. The New York District will consult with the NJSHPO and participating historical societies to identify and evaluate historic landscapes and viewsheds located within the APE. The New York District will consult National Park Service Bulletins 18, How to Evaluate and Nominate Designed Historic Landscapes, and 30 Guidelines for Evaluating and Documenting Rural Historic Landscapes, National Park Service Preservation Brief 36, Protecting Cultural Landscapes, and other publications and materials made available by the NJSHPO to assist in defining the criteria that should be applied to such properties.
 - b. The objective in conducting the surveys is to identify NRHP listed or potentially eligible historic landscapes and affected viewsheds within the project area that may be adversely affected by the Undertaking, and to determine whether they meet the NRHP criteria set forth in 36 CFR Part 60.4.
- B. The New York District will ensure that qualified professionals meeting the National Park Service professional qualifications for the appropriate discipline [National Park Service Professional Qualification Standards, Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (48 FR 44738-39)] are used to complete all identification and evaluation efforts related to this undertaking, to include geomorphological, palynological, and archaeological surveys and testing, and architectural survey.
- C. The New York District and the NJSHPO shall consider the views of the public and consulting parties in completing its identification and evaluation responsibilities. See Stipulation VI.A., below, for review periods.
- D. Application of Criteria: The New York District, in consultation with the NJSHPO, and participating historical societies will evaluate historic properties using the Criteria established for the NRHP [36 CFR 800.4(c)(1)]:
1. If the New York District and the NJSHPO agree that the Criteria apply or do not apply, in evaluating the NRHP eligibility of a property, the property shall be treated accordingly for purposes of this PA.
 2. If the New York District and the NJSHPO disagree regarding NRHP eligibility, or if the ACHP so requests, prior to the start of any project-related work at the site or in the vicinity of the property, the New York District will obtain a formal Determination of Eligibility (DOE) from the Keeper of the National Register (Keeper), National Park Service, whose determination shall be final.
- E. The New York District will maintain records of all decisions it makes related to the NRHP eligibility and determination of effects on properties.

II. TREATMENT OF HISTORIC PROPERTIES

- A. The New York District will adhere to the following treatment strategies in order to avoid adverse effect to historic properties that have been determined eligible for the NRHP.
1. Avoidance. The preferred treatment is avoidance of effects to historic properties. The New York District will, to the extent feasible, avoid historic properties that have been determine eligible for the NRHP either through project design changes, use of temporary fencing or barricades, realignments, landscaping, or other measures that will protect historic properties. The New York District, the NJSHPO, and participating historical societies shall consult to develop plans for avoiding effects to historic properties. The New York District shall incorporate feasible avoidance measures into project activities as part of the implementation of the Undertaking. If avoidance is determined to be infeasible, the New York District will develop and implement treatment/mitigation plans. Unless the NJSHPO and other consulting parties object within 30 days of receipt of any plan, the New York District will ensure that treatment plans are implemented by the New York District or its representative(s). The New York District will revise plans to address comments and recommendations provided by the NJSHPO and other consulting parties.
 2. Preservation In Place. When the New York District, the NJSHPO, and participating historical societies agree that complete avoidance of historic properties is infeasible, the New York District will explore preservation in place, if appropriate. Preservation in place may entail partial avoidance or protection of historic properties against project-related activities in proximity to the property. The New York District will preserve properties in place through project design, i.e incorporating color, texture, scale, and/or materials which are compatible with the architectural or historic character of the historic property; use of fencing, berms or barricades; and/or preservation of vegetation including mature trees, landscaping and planting which screen the property. If the New York District, in consultation with the NJSHPO and other consulting parties, determines that preservation in place is infeasible, the New York District shall develop and implement mitigation plans consistent with Stipulation III of this PA.
- B. The New York District will ensure that qualified professionals meeting the NPS' professional qualifications for the appropriate discipline [National Park Service Professional Qualification Standards, Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (48 FR 44738-39)] are used to develop and implement all treatment plans.
- C. Buildings and Structures and Districts

The New York District, in consultation with the NJSHPO and participating historical societies, will determine the effect the undertaking will have on NRHP-listed or eligible historic buildings, districts, and structures and ensure that a treatment plan is developed for these properties.

D. Archaeological Sites

1. Archaeological Data Recovery: The District will develop a data recovery plan for archaeological sites eligible solely under NRHP Criterion D which the New York District and the NJSHPO agree cannot be avoided or appropriately preserved in place. The data recovery plan to retrieve significant archaeological information will be developed and implemented by the New York District or its representative(s), following approval from the NJSHPO and prior to the implementation of project-related activities within or in the vicinity of the archaeological sites.
2. The New York District will ensure that the data recovery plan for each eligible site addresses substantive research questions developed in consultation with the NJSHPO, historical societies, and Federally Recognized Tribes, as appropriate. The plan will be consistent with the Secretary of the Interior's Standards and Guidelines for Archaeological Documentation (48 FR 44734-37) and take into account the ACHP's publication, Treatment of Archaeological Properties.
3. The New York District will submit data recovery plans to the NJSHPO and relevant consulting parties for review and approval. The New York District, the NJSHPO and consulting parties shall consult to resolve any objections to the data recovery plan as proposed. The data recovery plan shall then be implemented by the New York District once approved by the NJSHPO. If no response is received from the NJSHPO or any other consulting party after 30 days of receipt of adequate documentation, the New York District may assume concurrence and proceed with implementation of the plan submitted.

E. Historic Landscapes

1. The New York District, in consultation with the NJSHPO and participating historical societies, shall develop a plan to identify and evaluate design alternatives which will avoid, minimize, or compensate for impacts when it is determined that an NRHP-eligible historic landscape will be affected by undertaking activities.
2. Treatment measures for historic landscapes shall consider, in order of priority, preservation, rehabilitation, restoration, reconstruction, and additions in accordance with The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for the Treatment of Cultural

III. RESOLUTION OF ADVERSE EFFECTS

- A. When the New York District, in consultation with the NJSHPO and other consulting parties, determines that the Undertaking-related activities cannot adhere to treatment plans developed in accordance with Stipulation II or would otherwise have an adverse effect, the New York District shall:
1. Develop a Standard Mitigation Agreement (SMA) with the NJSHPO and the participating Tribes and historical societies as appropriate; or
 2. Consult with the ACHP to develop a Memorandum of Agreement (MOA) in accordance with 36 CFR Part 800.6 (c).
- B. The New York District will invite the ACHP to participate in consultation when:
1. The New York District, other consulting parties, and NJSHPO determine that an agreement or a SMA cannot be reached;
 2. a National Historic Landmark is involved;
 3. human remains have been identified; or
 4. there is widespread public interest in a historic property or properties.
- C. Development of Standard Mitigation Agreements (SMA).
1. The New York District, in consultation with the NJSHPO and other consulting parties, as appropriate, will develop SMAs for NRHP-eligible or listed historic properties that will be adversely affected by the Undertaking. The New York District will submit the SMA to the NJSHPO and consulting parties for review and approval by certified mail. The NJSHPO shall have 30 days from receipt of adequate information in which to review and comment on the SMA(s). If the NJHPO fails to respond within 30 days, or if there is disagreement, the New York District shall notify the ACHP and consult to develop the proposed SMA into an MOA and submit copies of background information and the proposed SMA to facilitate consultation to develop an MOA in accordance with 36 CFR Part 800. After signing by the New York District, the NJSHPO, and other PA signatories as appropriate, the New York District shall file all SMAs with the ACHP.
 2. SMAs developed between the New York District, the NJSHPO, and other consulting parties, may include one or more of the following stipulations which

address routine adverse effects that may occur to historic properties as a result of project implementation.

- a. Recordation. The New York District will consult with the NJSHPO or Historic American Building Survey/Historic American Engineering Record (HABS/HAER) to determine the appropriate level and type of recordation for affected resources. For historic properties with state and/or local significance, recordation will be consistent with the requirements and standards of the Department of the Interior (April 2003). All documentation must be submitted to NJHPO and HABS/HAER for acceptance, prior to the initiation of project activities, unless otherwise agreed to by the NJHPO.
- b. Salvage and Donation of Significant Architectural Elements. Prior to demolition, partial demolition, or substantial alteration of historic properties, the New York District, in consultation with the NJSHPO and participating historical societies, will develop a salvage and donation plan to identify appropriate parties willing and capable of receiving and preserving the salvaged significant architectural elements. The New York District shall submit the plans to the NJSHPO and the historical societies for review and approval.
- c. Alternative Treatments or Design Plan which meet the Standards. Prior to demolition, partial demolition, or substantial alteration of historic properties, the New York District, in consultation with the NJSHPO and participating historical societies, will develop a plan identifying protocols for developing treatment guidelines and evaluating design standards for new construction within historic districts in keeping with the Secretary's Standards. The New York District will submit the plans to the NJSHPO and the historical societies for review and approval.
- d. Data recovery for archaeological sites eligible under Criterion D and others and data recovery and treatment of archaeological sites where data recovery will not result in a finding of no adverse effect. The New York District will conduct data recovery on archaeological sites following agreement on the prospective data recovery and treatment plans between the New York District, the NJSHPO, and other consulting parties as appropriate, when the archaeological sites are eligible for National Register inclusion under additional Criteria than Criterion D (for the information which they contain) or when the full informational value of the site cannot be substantially preserved through the conduct of appropriate research to professional standards and guidelines. To the maximum extent feasible, data recovery and treatment plans will be developed prior to construction to take into account and mitigate for the fullest range of archaeological site values and significance. The New York District will submit the plans to the NJSHPO and other consulting parties for review and approval.

- D. The New York District, in consultation with the NJSHPO and other consulting parties, will ensure that all materials and records resulting from the survey, evaluation, and data recovery conducted for the Undertaking will be curated in accordance with 36 CFR Part 79 "Curation of Federally-Owned and Administered Archaeological Collections" and ER 1130-2-433 "Project Operations: Collections Management and Curation of Archaeological and Historical Data." All material and records recovered from non-Federally owned land will be maintained in accordance with 36 CFR Part 79 until their analysis is complete and, if necessary, are returned to their owner(s).

IV. DISCOVERY

- A. If previously unidentified properties are discovered during Undertaking implementation, the New York District shall cease all work in the vicinity of the discovered property until it can be evaluated pursuant to the guidelines in Stipulation I of this PA. If the property is determined to be eligible, the New York District will consult with the NJSHPO, and other consulting parties to develop a treatment plan or SMA in accordance with Stipulation III of this PA.
- B. The New York District shall implement the treatment plan or SMA once approved by the NJSHPO and consulting parties.

V. TREATMENT OF HUMAN REMAINS:

- A. If any human remains and/or grave-associated artifacts are encountered, the New York District, the NJSHPO, other consulting parties, and Tribes as appropriate shall consult to develop a treatment plan that is responsive to the ACHP's "Policy Statement Regarding Treatment of Burial Sites, Human Remains and Funerary Objects" (February 23, 2007), the Native American Grave Protection and Repatriation Act, As Amended (PL 101-601, 25 U.S.C. 3001 et seq.) and the U.S. Army Corps of Engineers, Tribal Consultation Policy (October 2013).
- B. Human remains must be treated with the utmost respect and dignity. All work must stop in the vicinity of the find and the site will be secured.
- C. The medical examiner/coroner, local law enforcement, the NJHPO, and Tribes will be notified. The coroner and local law enforcement will determine if the remains are forensic or archaeological in nature.
- D. If the remains are determined to be archaeological in nature a physical anthropologist will be employed to investigate the site to determine whether the remains are Native American or of some other origin.

- E. If the human remains are determined to be Native American they shall be left in place and protected from further disturbance until a treatment plan has been developed and approved by the New York District, NJHPO and Tribes.
- F. If human remains are determined to be non-Native American, the remains will be left in place and protected from further disturbance until a plan for avoidance or removal is developed and approved by the New York District, NJHPO, Federally Recognized Tribes and other parties, as appropriate.
- G. Avoidance of human remains is the preferred treatment.

VI. COORDINATION OF REVIEWS FOR STUDY ACTIVITIES

- A. All plans, documents, reports, and materials shall be submitted by the New York District to the SHPO and other consulting parties as appropriate by certified mail, for a 30 day review period unless otherwise stipulated in this PA. If the NJSHPO and other consulting parties fail to comment within the specified time the New York District shall assume the agencies' concurrence.
- B. When consulting parties are participating in the review of activities or actions outlined in this PA the New York District shall ensure that all consulting parties are provided documentation at the time it is forwarded to the NJSHPO and afforded a 30 day review period. As appropriate, the New York District shall submit the comments of consulting parties to the NJSHPO to facilitate further consultation.
- C. If after consulting with the NJSHPO and consulting parties for a period of 90 days on any action or activity provided for in this PA, the New York District or NJSHPO concludes there is no progress in developing treatment/mitigation plans or other documents required by this PA, the New York District or NJSHPO may notify the ACHP and request the its involvement to expedite completion of the consultation process.
- D. The New York District shall ensure that all submissions to the NJSHPO, consulting parties, and the ACHP include all relevant information to facilitate their review. The New York District shall provide all additional information requested by NJSHPO, consulting parties, or ACHP within a timely manner unless the signatories to this PA agree otherwise.
- E. The New York District shall ensure that all draft and final reports resulting from actions pursuant to the Stipulations of this PA will be provided to the NJSHPO, all other consulting parties to this PA, and will identify the Principal Investigator responsible for the report. All reports will be responsive to contemporary standards, and as appropriate to the Department of the Interior's Format Standards for Final Reports of Data Recovery Programs (42 FR 5377-79) and HPO report standards. Precise locational data may be provided only in a

separate appendix if it appears that its release could jeopardize archaeological sites consistent with National Register Bulletin Number 29, Guidelines for Restricting Information about Historic and Prehistoric Resources.

- F. If the District proposes revisions or addenda to approved treatment/ mitigation plans or other documents, the New York District, the NJSHPO, and other participating parties shall consult to determine whether additional conditions or mitigation measures are appropriate.
- G. The New York District shall certify in writing that all requirements for identification and evaluation, and the implementation of treatment/mitigation plans have been satisfactorily completed prior to the initiation of construction activities for a specified portion of the navigation improvements recommended in the Study. The New York District shall submit a copy of this certification to the NJSHPO and all other consulting parties by certified mail. The NJSHPO and other consulting parties shall have 30 days to object to the certification based on a finding of incomplete compliance or inadequate compliance with the terms of this PA. If the NJSHPO or consulting parties do not object, the District may proceed with construction for the specified segment of the Study.

VII. ADMINISTRATIVE TERMS

A. DISPUTE RESOLUTION

1. The New York District will attempt to resolve any disagreement arising from implementation of this PA. If there is a determination that the disagreement cannot be resolved, the New York District will request the ACHP's recommendations or request the comments of the ACHP in accordance with 36 CFR Part 800.6(b).
2. Any ACHP recommendations or comments provided in response will be considered in accordance with 36 CFR Part 800.6(b), with reference only to the subject of the dispute. The New York District will respond to ACHP recommendations or comments indicating how the New York District has taken the ACHP's recommendations or comments into account and complied with same prior to proceeding with undertaking's activities that are subject to dispute. Responsibility to carry out all other actions under this PA that are not the subject of the dispute will remain unchanged.
3. If the ACHP does not provide its advice regarding the dispute within the thirty (30) calendar day time period, the New York District may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, the New York District will prepare a written response that takes into account any timely comments regarding the dispute from the consulting

parties to the MOA, and provide them and the ACHP with a copy of such written response.

B. Public Involvement

1. In consultation with the NJSHPO and other consulting parties, the New York District will develop a plan to inform potential interested parties of the existence of this Agreement, and the New York District's plan for meeting the terms of this PA. Copies of this Agreement and relevant documentation prepared pursuant to the terms of this PA shall be made available for public inspection (information regarding the locations of archaeological sites will be withheld in accordance with the Freedom of Information Act and National Register Bulletin 29, if it appears that this information could jeopardize archaeological sites). Any comments received from the public under this Agreement shall be taken into account by the New York District.
2. Public Objections. The New York District will review and resolve timely substantive public objections. Public objections shall be considered timely when they are provided within the review periods specified in this PA. The New York District shall consult with the NJSHPO and other participating historical societies or Tribes, and as appropriate with the ACHP, to resolve objections. Study actions which are not the subject of the objection may proceed while the consultation is conducted.

C. Monitoring

1. The New York District will prepare annual reports summarizing the status of compliance with the terms of this PA and a summary of the completed activities and the exempt activities for the past year and proposed activities for the next fiscal year. Reports shall be submitted by January 31 of every year. The Annual Reports shall be provided to ACHP, the NJSHPO, and all other consulting parties until the Study-related activities are complete.
2. The ACHP, the NJSHPO, and other consulting parties may request a site visit to follow up on information in the annual report or to monitor activities carried out pursuant to this PA. The ACHP, the NJSHPO, or other consulting party will provide the New York District with 30 days written notice when requesting a site visit unless otherwise agreed. The New York District may also schedule a site visit with the NJSHPO, other consulting parties, and the ACHP at its discretion.

D. Amendments

Any signatory to this PA may request that it be amended, whereupon all the parties will consult in accordance with 36 CFR Part 800.6(b) to consider such amendment.

E. Termination

Any signatory to this PA may terminate it by providing thirty (30) days' notice to the signatories, provided that the signatories will consult during the period prior to termination by certified mail to seek agreement on amendments or other actions that would avoid termination. In the event of termination, the New York District will comply with 36 CFR Parts 800.4 through 800.6 with regard to individual Undertaking actions covered by this Agreement.

F. Sunset Clause

This PA will continue in full force and effect until the construction of the Undertaking is complete and all terms of this PA are met, unless the Project is terminated or authorization is rescinded or a period of seven (7) years from execution of the PA has passed at which time the agreement may be extended as written provided all signatories concur.

G. Anti-Deficiency Act

All requirements set forth in this PA requiring expenditure of funds by the New York District are expressly subject to the availability of appropriations and the requirements of the Anti-Deficiency Act (31 U.S.C. 1341). No obligation undertaken by the New York District under the terms of this PA shall require or be interpreted to require a commitment to extend funds not appropriated for a particular purpose. If the New York District cannot perform any obligation set forth in this PA because of unavailability of funds, that obligation must be renegotiated among the New York District and the consulting parties as necessary.

Execution and implementation of this PA evidences that the New York District has satisfied its Section 106 responsibilities for all individual Undertakings of the Project, and that the New York District has afforded the ACHP an opportunity to comment on the undertaking and its effects on historic properties.

U.S. ARMY CORPS OF ENGINEERS

By: _____ Date: _____
David A. Caldwell
Colonel, U.S. Army
Commander

NEW JERSEY STATE HISTORIC PRESERVATION OFFICE

By: _____ Date: _____
Katherine Marcopul, Deputy State Historic Preservation Officer

ADVISORY COUNCIL ON HISTORIC PRESERVATION

By: _____ Date: _____

DELAWARE NATION

By: _____ Date: _____

DELAWARE TRIBE OF INDIANS

By: _____ Date: _____

SHAWNEE TRIBE OF OKLAHOMA

By: _____ Date: _____

Appendix A: Cranford Tentatively Selected Plan
Appendix B: Cultural Resources Survey Areas

DRAFT
PROGRAMMATIC AGREEMENT
AMONG
THE U. S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
AND
THE NEW JERSEY STATE HISTORIC PRESERVATION OFFICE
REGARDING
THE RAHWAY RIVER FLUVIAL FLOOD RISK MANAGEMENT PROJECT
ROBINSON'S BRANCH SECTION
UNION COUNTY, NEW JERSEY

WHEREAS, the U.S. Army Corps of Engineers, New York District, (New York District) plans to carry out the Rahway River Fluvial Flood Risk Management Project (Undertaking) pursuant to the U.S. House of Representatives Resolution Docket 2548, adopted 24 March 1998; and

WHEREAS, the Undertaking consists of two sections, the Robinson's Branch section that is the subject of this Programmatic Agreement (PA) and the Cranford section that is addressed in another PA; and

WHEREAS, the Undertaking for the Robinsons' Branch section consists of non-structural flood proofing measures that will be carried out for structures that are located within areas of flooding along the Robinson's Branch of the Rahway River. Non-structural flood-proofing measures are expected to consist of elevating structures, wet-proofing, dry-proofing, and ringwalls, however, may also involve other activities that are undetermined at this time (Appendix A); and

WHEREAS, the New York District has defined the "Area of Potential Effect" (APE) for this Undertaking as consisting of the structures selected for non-structural flood-proofing measures as well as the area surrounding the structures where excavation and staging are planned and areas where ringwalls are planned as well as any additional areas affected by the Undertaking; and

WHEREAS, the New York District is in the process of refining the plan and the exact number and location of the structures that will be receiving treatment is not yet determined; and

WHEREAS, the New York District is applying the National Register of Historic Places (NRHP) Criteria to properties identified within the APE on a phased basis, and to date has completed a Reconnaissance-level cultural resources survey for portions of the APE which will be hereafter referred to as the "Investigated Portion of the APE" with the recognition that when the plan is finalized and individual structures are selected for flood proofing further investigation will be carried out; and

WHEREAS, the New York District has determined that portions of the APE are within historic districts including the Rahway River Parkway Historic District, the Union County Parks System Historic District, the Regina Historic District, the Lower Rahway/Main Street Historic District, and the Pennsylvania RR NY to Philadelphia Historic District; and

WHEREAS, the New York District has determined that many of the structures within the APE are potentially eligible, eligible, or listed on the NRHP either as individual elements or as contributing elements to one or more historic districts; and

WHEREAS, the New York District has determined that the Undertaking has the potential to have an adverse effect on the identified historic properties and districts within the APE; and

WHEREAS, the New York District has not carried out the surveys necessary to conclude identification of historic properties within the APE; and

WHEREAS, the New York District has invited the Advisory Council on Historic Preservation (ACHP), the Delaware Nation, The Delaware Tribe of Indians, the Shawnee Tribe of Oklahoma and the Merchants and Drovers Tavern Museum Association to participate in the Section 106 consultation process; and

WHEREAS the New York District plans to make this Draft PA available for public review in the Draft Environmental Impact Statement prepared under the National Environmental Policy Act which will serve as the District's Section 106 public coordination for this Undertaking; and

WHEREAS, in accordance with 36 CFR Part 800.14, the New York District and the NJSHPO have determined that execution of this PA will establish alternative procedures to streamline the coordination of the Project; and

WHEREAS, the New York District shall implement the provisions of this PA as funding for the Undertaking is appropriated in future years; and

NOW, THEREFORE, the New York District and the NJSHPO agree that the Undertaking will be administered in accordance with the following stipulations to satisfy the New York District's Section 106 responsibility for all individual actions of the Undertaking.

Stipulations

The New York District shall ensure that the following measures are carried out:

I. IDENTIFICATION AND EVALUATION

A. Prior to initiation of construction-related activities the New York District, in consultation with the NJSHPO, the Tribes, historical societies, and other interested parties will design and carry out surveys to complete the identification of historic properties and archaeological sites within the APE.

1. Archaeological Sites

a. The New York District shall ensure that archaeological surveys within the APE are conducted in a manner consistent with the Secretary of the Interior's Standards and Guidelines for Identification (48 FR 44720-23) and the NJSHPO's Guidelines for Phase I Archaeological Investigations.

b. The survey reports will be submitted to the NJSHPO, Tribes, historical societies, and all other consulting parties for review.

2. Traditional Cultural Properties.

a. The New York District will ensure that future surveys within the APE include procedures to identify Traditional Cultural Properties and to consult with Federally Recognized Tribes and other affected parties in accordance with the guidelines provided by National Park Service Bulletin 38, Guidelines for Evaluating and Documenting Traditional Cultural Properties.

b. In the event that a Federally Recognized Tribe or affected group contacts the New York District regarding its recognition of a Traditional Cultural Property, located within the APE, the New York District will notify the NJSHPO and the Tribes to initiate discussions with all parties to evaluate whether the property is a Traditional Cultural Property that meets the Criteria.

3. Buildings and Structures

a. The New York District will ensure that surveys are conducted for buildings and structures in the APE in a manner consistent with the Secretary of the Interior's Standards and Guidelines for Identification (48 FR 44720-23) and which takes into account the statewide historic contexts developed by the NJSHPO. The survey will be conducted following consultation with the NJSHPO, historical societies, and other consulting parties, and a report of the survey, consistent with the NJSHPO's Guidelines for Architectural Survey, will be submitted to all consulting parties for review.

- b. The New York District, in consultation with the NJSHPO, historical societies, and other consulting parties, will identify and evaluate buildings and structures that are located adjacent to listed or eligible NRHP Historic Districts to determine whether such properties should be considered as part of the Historic District or an expanded District.

4. Historic Landscapes and Viewsheds

- a. The New York District will consult with the NJSHPO, historical societies, and all other consulting parties to identify and evaluate historic landscapes and viewsheds located within the APE. The New York District will consult National Park Service Bulletins 18, How to Evaluate and Nominate Designed Historic Landscapes, and 30 Guidelines for Evaluating and Documenting Rural Historic Landscapes, National Park Service Preservation Brief 36, Protecting Cultural Landscapes, and other publications and materials made available by the NJSHPO to assist in defining the criteria that should be applied to such properties.
 - b. The objective in conducting the surveys is to identify NRHP listed or potentially eligible Historic Landscapes and affected View Sheds within the project area that may be adversely affected by the Undertaking, and to determine whether they meet the NRHP criteria set forth in 36 CFR Part 60.4.
- B. The New York District will ensure that qualified professionals meeting the National Park Service professional qualifications for the appropriate discipline [National Park Service Professional Qualification Standards, Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (48 FR 44738-39)] are used to complete all identification and evaluation efforts related to this Undertaking, to include geomorphological, palynological, and archaeological surveys and testing, and architectural survey.
- C. The New York District shall consider the views of the historical societies, all consulting parties, and the public in completing its identification and evaluation responsibilities. See Stipulation VI.A., below, for review periods.
- D. Application of Criteria: The New York District, in consultation with the NJSHPO and historical societies will evaluate historic properties using the Criteria established for the NRHP [36 CFR 800.4(c)(1)]:
- a. If the New York District and the NJSHPO agree that the Criteria apply or do not apply, in evaluating the NRHP eligibility of a property, the property shall be treated accordingly for purposes of this PA.

- b. If the New York District and the NJSHPO disagree regarding NRHP eligibility, or if the ACHP so requests, prior to the start of any project-related work at the site or in the vicinity of the property, the New York District will obtain a formal Determination of Eligibility (DOE) from the Keeper of the National Register (Keeper), National Park Service, whose determination shall be final.
- E. The New York District will maintain records of all decisions it makes related to the NRHP eligibility and determination of effects on properties.

II. TREATMENT OF HISTORIC PROPERTIES.

- A. The New York District will adhere to the following treatment strategies in order to avoid adverse effect to historic properties that have been determined eligible for the NRHP.
1. Avoidance. The preferred treatment is avoidance of effects to historic properties. The New York District will, to the extent feasible, avoid historic properties that have been determined eligible for the NRHP either through project design changes, use of temporary fencing or barricades, realignments, landscaping, or other measures that will protect historic properties. The New York District, in consultation with the NJSHPO, historical societies, and other consulting parties, shall develop plans for avoiding effects to historic properties. The New York District shall incorporate feasible avoidance measures into project activities as part of the implementation of the Undertaking. If avoidance is determined to be infeasible, the New York District will develop and implement treatment/mitigation plans. Unless the NJSHPO, the historical societies, and other consulting parties object within 30 days of receipt of any plan, the New York District will ensure that treatment plans are implemented by the New York District or its representative(s). The New York District will revise plans to address comments and recommendations provided by the NJSHPO and other consulting parties.
 2. Preservation In Place. When the New York District and other consulting parties agree that complete avoidance of historic properties is infeasible, the New York District will explore preservation in place, if appropriate. Preservation in place may entail partial avoidance or protection of historic properties against project-related activities in proximity to the property. The New York District will preserve properties in place through project design, i.e. incorporating color, texture, scale, and/or materials which are compatible with the architectural or historic character of the historic property; use of fencing, berms or barricades; and/or preservation of vegetation including mature trees, landscaping and planting which screen the property. If the New York District, in consultation with the NJSHPO and other consulting parties, determines that

preservation in place is infeasible, the New York District shall develop and implement mitigation plans consistent with Stipulation III of this PA.

B. The New York District will ensure that qualified professionals meeting the NPS' professional qualifications for the appropriate discipline [National Park Service Professional Qualification Standards, Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (48 FR 44738-39)] are used to develop and implement all treatment plans.

C. Buildings and Structures and Districts

The New York District, in consultation with the NJSHPO, historical societies and other consulting parties, will determine the effect the Undertaking will have on NRHP-listed or eligible historic buildings, districts, and structures and ensure that a treatment plan is developed for these properties.

D. Archaeological Sites

1. Archaeological Data Recovery: The District will develop a data recovery plan for archaeological sites eligible solely under NRHP Criterion D which the New York District and the NJSHPO agree cannot be avoided or appropriately preserved in place. The data recovery plan to retrieve significant archaeological information will be developed and implemented by the New York District or its representative(s), following approval from the NJSHPO and in consultation with other consulting parties prior to the implementation of project-related activities within or in the vicinity of the archaeological sites.
2. The New York District will ensure that the data recovery plan for each eligible site addresses substantive research questions developed in consultation with the NJSHPO and Federally Recognized Tribes, as appropriate. The plan will be consistent with the Secretary of the Interior's Standards and Guidelines for Archaeological Documentation (48 FR 44734-37) and take into account the ACHP's publication, Treatment of Archaeological Properties.
3. The New York District will submit data recovery plans to the NJSHPO, the tribes, historical societies and other consulting parties for review and approval. The New York District shall consult to resolve any objections to the data recovery plan as proposed. The data recovery plan will then be implemented by the New York District once approved by the NJSHPO. If no response is received from the NJSHPO or other consulting parties after 30 days of receipt of adequate documentation, the New York District may assume the NJSHPO's and other consulting parties' concurrence and proceed with implementation of the plan submitted.

E. Historic Landscapes

1. The New York District, in consultation with the NJSHPO, historical societies, and other consulting parties, shall develop a plan to identify and evaluate design alternatives which will avoid, minimize, or compensate for impacts when it is determined that an NRHP-eligible historic landscape will be affected by the Undertaking.
2. Treatment measures for historic landscapes shall consider, in order of priority, preservation, rehabilitation, restoration, reconstruction, and additions in accordance with The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for the Treatment of Cultural Landscapes (1996) and Protecting Cultural Landscapes, National Park Service Preservation Brief Number 36.

III. RESOLUTION OF ADVERSE EFFECTS

- A. When the New York District, in consultation with the NJSHPO and other consulting parties, determines that the Undertaking-related activities cannot adhere to treatment plans developed in accordance with Stipulation II or would otherwise have an adverse effect, the New York District shall:
 1. Develop a Standard Mitigation Agreement (SMA) with the NJSHPO and the other signatories; or
 2. Consult with the ACHP to develop a Memorandum of Agreement (MOA) in accordance with 36 CFR Part 800.6 (c).
- B. The New York District will invite the ACHP to participate in consultation when:
 1. The New York District, the NJSHPO, and other signatories, determine that an agreement or a SMA cannot be reached;
 2. a National Historic Landmark is involved;
 3. human remains have been identified; or
 4. there is widespread public interest in a historic property or properties.

- C. The New York District, the NJSHPO, and other consulting parties as appropriate, will consult to develop alternatives to mitigate or minimize adverse effects. The analysis of alternatives shall consider program needs, cost, public benefit and values, and design feasibility.
- D. Development of Standard Mitigation Agreements (SMA).
1. The New York District, in consultation with the NJSHPO and other signatories, as appropriate, will develop SMAs for NRHP-eligible or listed historic properties that will be adversely affected by the Undertaking. The New York District will submit the SMA to the NJSHPO for review and approval by certified mail. The NJSHPO shall have 30 days from receipt of adequate information in which to review and comment on the SMA(s). If the NJHPO fails to respond within 30 days, or if there is disagreement, the New York District shall notify the ACHP and consult to develop the proposed SMA into an MOA and submit copies of background information and the proposed SMA to facilitate consultation to develop an MOA in accordance with 36 CFR Part 800. After signing by the New York District and NJSHPO, the New York District shall file all SMAs with the ACHP.
 2. SMAs developed between the New York District and the NJSHPO may include one or more of the following stipulations which address routine adverse effects that may occur to historic properties as a result of project implementation.
 - a. Recordation. The New York District will consult with the NJSHPO or Historic American Building Survey/Historic American Engineering Record (HABS/HAER) to determine the appropriate level and type of recordation for affected resources. For historic properties with state and/or local significance, recordation will be consistent with the requirements and standards of the Department of the Interior (April 2003). All documentation must be submitted to NJHPO and HABS/HAER for acceptance, prior to the initiation of project activities, unless otherwise agreed to by the NJHPO.
 - b. Salvage and Donation of Significant Architectural Elements. Prior to demolition, partial demolition, or substantial alteration of historic properties, the New York District, in consultation with the NJSHPO, will develop a salvage and donation plan to identify appropriate parties willing and capable of receiving and preserving the salvaged significant architectural elements. The New York District shall submit the plans to the NJSHPO for review and approval.

- c. Alternative Treatments or Design Plan which meet the Standards. Prior to demolition partial demolition, or substantial alteration of historic properties, the New York District, in consultation with the NJSHPO, will develop a plan identifying protocols for developing treatment guidelines and evaluating design standards for new construction within historic districts in keeping with the Secretary's Standards. The New York District will submit the plans to the NJSHPO for review and approval.
 - d. Data recovery for archaeological sites eligible under Criterion D and others and data recovery and treatment of archaeological sites where data recovery will not result in a finding of no adverse effect. The New York District will conduct data recovery on archaeological sites following agreement on the prospective data recovery and treatment plans between the New York District and the NJSHPO when the archaeological sites are eligible for National Register inclusion under additional Criteria than Criterion D (for the information which they contain) or when the full informational value of the site cannot be substantially preserved through the conduct of appropriate research to professional standards and guidelines. To the maximum extent feasible, data recovery and treatment plans will be developed prior to construction to take into account and mitigate for the fullest range of archaeological site values and significance. The New York District will submit the plans to the NJSHPO and other signatories for review and approval.
- E. The New York District, in consultation with the NJSHPO and other signatories, will ensure that all materials and records resulting from the survey, evaluation, and data recovery conducted for the Undertaking will be curated in accordance with 36 CFR Part 79 "Curation of Federally-Owned and Administered Archaeological Collections" and ER 1130-2- 433 "Project Operations: Collections Management and Curation of Archaeological and Historical Data." All material and records recovered from non-Federally owned land will be maintained in accordance with 36 CFR Part 79 until their analysis is complete and, if necessary, are returned to their owner(s).

IV. DISCOVERY

- A. If previously unidentified properties are discovered during Undertaking implementation, the New York District shall cease all work in the vicinity of the discovered property until it can be evaluated pursuant to the guidelines in Stipulation I of this PA. If the property is determined to be eligible, the New York District will consult with the NJSHPO, the Tribes and other consulting parties to develop a treatment plan or SMA in accordance with Stipulation III of this PA.

- B. The New York District shall implement the treatment plan or SMA once approved by the NJSHPO.

V. TREATMENT OF HUMAN REMAINS:

- A. If any human remains and/or grave-associated artifacts are encountered, the New York District, the NJSHPO, other consulting parties and Tribes shall consult to develop a treatment plan that is responsive to the ACHP's "Policy Statement Regarding Treatment of Burial Sites, Human Remains and Funerary Objects" (February 23, 2007), the Native American Grave Protection and Repatriation Act, As Amended (PL 101-601, 25 U.S.C. 3001 et seq.) and the U.S. Army Corps of Engineers, Tribal Consultation Policy (October 2013).
- B. Human remains must be treated with the utmost respect and dignity. All work must stop in the vicinity of the find and the site will be secured.
- C. The medical examiner/coroner, local law enforcement, the NJHPO, and tribes will be notified. The coroner and local law enforcement will determine if the remains are forensic or archaeological in nature.
- D. If the remains are determined to be archaeological in nature a physical anthropologist will be employed to investigate the site to determine whether the remains are Native American or of some other origin.
- E. If the human remains are determined to be Native American they shall be left in place and protected from further disturbance until a treatment plan has been developed and approved by the New York District, NJHPO and the Tribes.
- F. If human remains are determined to be non-Native American, the remains will be left in place and protected from further disturbance until a plan for avoidance or removal is developed and approved by the New York District, NJHPO, and other consulting parties, as appropriate.
- G. Avoidance of human remains is the preferred treatment.

VI. COORDINATION OF REVIEWS FOR STUDY ACTIVITIES

- A. All plans, documents, reports, and materials shall be submitted by the New York District to the SHPO and signatories by certified mail, for a 30 day review period unless otherwise stipulated in this PA. If the NJSHPO and other signatories fail to comment within the specified time the New York District shall assume the agencies concurrence.

- B. When interested parties are participating in the review of activities or actions outlined in this PA the New York District shall ensure that all interested parties are provided documentation at the time it is forwarded to the SHPO and afforded a 30 day review period. As appropriate, the New York District shall submit the comments of interested parties to the SHPO to facilitate further consultation.
- C. If after consulting with the NJSHPO and consulting parties for a period of 90 days on any action or activity provided for in this PA, the New York District or NJSHPO concludes there is no progress in developing treatment/mitigation plans or other documents required by this PA, the New York District or NJSHPO may notify the Council and request the Council's involvement to expedite completion of the consultation process.
- D. The New York District will ensure that all submissions to the NJSHPO, interested parties, and the Council include all relevant information to facilitate their review. The New York District will provide all additional information requested by NJSHPO, interested parties, or Council within a timely manner unless the signatories to this PA agree otherwise.
- E. The New York District will ensure that all draft and final reports resulting from actions pursuant to the Stipulations of this PA will be provided to the NJSHPO, and upon request, to interested parties and will identify the Principal Investigator responsible for the report. All reports will be responsive to contemporary standards, and as appropriate to the Department of the Interior's Format Standards for Final Reports of Data Recovery Programs (42 FR 5377-79) and HPO report standards. Precise locational data may be provided only in a separate appendix if it appears that its release could jeopardize archaeological sites consistent with National Register Bulletin Number 29, Guidelines for Restricting Information about Historic and Prehistoric Resources.
- F. If the District proposes revisions or addenda to NJSHPO approved treatment/mitigation plans or other documents, the New York District and NJSHPO will consult to determine whether additional conditions or mitigation measures are appropriate.
- G. The New York District will certify in writing that all requirements for identification and evaluation, and the implementation of treatment/mitigation plans have been satisfactorily completed prior to the initiation of construction activities for a specified portion of the navigation improvements recommended in the Study. The New York District shall submit a copy of this certification to the NJSHPO and by certified mail. The SHPO and shall have 30 days to object to the certification based on the NJSHPO's finding of incomplete compliance or inadequate compliance with the terms of this PA. If the NJSHPO does not object, the District may proceed with construction for the specified segment of the Study.

VII. ADMINISTRATIVE TERMS

A. Dispute Resolution

1. The New York District will attempt to resolve any disagreement arising from implementation of this PA. If there is a determination that the disagreement cannot be resolved, the New York District will request the ACHP's recommendations or request the comments of the ACHP in accordance with 36 CFR Part 800.7.
2. Any ACHP recommendations or comments provided in response will be considered in accordance with 36 CFR Part 800.7, with reference only to the subject of the dispute. The New York District will respond to ACHP recommendations or comments indicating how the New York District has taken the ACHP's recommendations or comments into account and complied with same prior to proceeding with undertaking's activities that are subject to dispute. Responsibility to carry out all other actions under this PA that are not the subject of the dispute will remain unchanged.
3. If the ACHP does not provide its advice regarding the dispute within the thirty (30) calendar day time period, the New York District may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, the New York District will prepare a written response that takes into account any timely comments regarding the dispute from the signatories and concurring parties to the MOA, and provide them and the ACHP with a copy of such written response.

B. Public Involvement

1. In consultation with the NYSHPO, the New York District shall develop a plan to inform the interested parties of the existence of this Agreement, and the New York District's plan for meeting the terms of this PA. Copies of this Agreement and relevant documentation prepared pursuant to the terms of this PA shall be made available for public inspection (information regarding the locations of archaeological sites will be withheld in accordance with the Freedom of Information Act and National Register Bulletin 29, if it appears that this information could jeopardize archaeological sites). Any comments received from the public under this Agreement shall be taken into account by the New York District.
2. Public Objections. The New York District shall review and resolve timely substantive public objections. Public objections shall be considered timely when they are provided within the review periods specified in this PA. The New York District shall consult with the relevant SHPO, and as appropriate

with the Council, to resolve objections. Study actions which are not the subject of the objection may proceed while the consultation is conducted.

C. Monitoring

1. The New York District shall prepare annual reports summarizing the status of compliance with the terms of this PA and a summary of the completed activities for the past year as well as ongoing and proposed activities for the next calendar year. Reports shall be submitted by January 31 of every year. The Annual Reports shall be provided to Council, the NJSHPO, and all other consulting parties until the work identified in this PA is complete.
2. The Council and the NJSHPO may request a site visit to follow up information in the annual report or to monitor activities carried out pursuant to this PA. The Council and the NJSHPO shall provide the New York District with 30 days written notice when requesting a site visit unless otherwise agreed. The New York District may also schedule a site visit with the NJSHPO's and the Council at its discretion.

D. Amendments

Any signatory to this PA may request that it be amended, whereupon all the parties will consult in accordance with 36 CFR Part 800.6(b) to consider such amendment.

E. Termination

Any signatory to this PA may terminate it by providing thirty (30) days' notice to the signatories, provided that the signatories will consult during the period prior to termination by certified mail to seek agreement on amendments or other actions that would avoid termination. In the event of termination, the New York District will comply with 36 CFR Parts 800.4 through 800.6 with regard to individual Undertaking actions covered by this Agreement.

F. Sunset Clause

This PA will continue in full force and effect until the construction of the Undertaking is complete and all terms of this PA are met, unless the Project is terminated or authorization is rescinded or a period of seven (7) years from execution of the PA has passed at which time the agreement may be extended as written provided all signatories concur.

G. Anti-Deficiency Act

All requirements set forth in this PA requiring expenditure of funds by the New York District are expressly subject to the availability of appropriations and the requirements of the Anti-Deficiency Act (31 U.S.C. 1341). No obligation undertaken by the New York District under the terms of this PA shall require or be interpreted to require a commitment to extend funds not appropriated for the Undertaking. If the New York District cannot perform any obligation set forth in this PA because of unavailability of funds, that obligation must be renegotiated among the New York District and the signatories as necessary.

Execution and implementation of this PA evidences that the New York District has satisfied its Section 106 responsibilities for all actions associated with the Undertaking, and that the New York District has afforded the ACHP an opportunity to comment on the Undertaking and its effects on historic properties.

U.S. ARMY CORPS OF ENGINEERS

By: _____ Date: _____
David A. Caldwell
Colonel, U.S. Army
Commander

NEW JERSEY STATE HISTORIC PRESERVATION OFFICE

By: _____ Date: _____
Katherine Marcopul, Deputy State Historic Preservation Officer

ADVISORY COUNCIL ON HISTORIC PRESERVATION

By: _____ Date: _____

DELAWARE NATION

By: _____ Date: _____

DELAWARE TRIBE OF INDIANS

By: _____ Date: _____

SHAWNEE TRIBE OF OKLAHOMA

By: _____ Date: _____

Appendix A: Robinsons Branch Project Area 100-Year Inundation Area and Historic Resources

Appendix B: Cultural Resources Survey Study Area



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

July 18, 2023

Planning Division
Environmental Analysis Branch

Ms. Katherine J. Marcopul
Deputy State Historic Preservation Officer
State of New Jersey Department of Environmental Protection
Historic Preservation Office
PO Box 420
Trenton, NJ 08625-0420

Project Reference: HPO # 13-0094

Dear Ms. Marcopul,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with your office and relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience, Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention.

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing.

In accordance with Section 106 of the NHPA and the NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c). Based on previous investigations carried out in the study area and a review of information available on the New Jersey State Historic Preservation Office's (NJSHPO) Cultural Resources GIS (CRGIS) database, the District has identified several National Register of Historic Places (National Register) eligible or listed properties and archaeological sites that are located within the study area. These include archaeological sites dating from the Pre-Contact Period through the early twentieth century, National Register Historic Districts (Enclosure 2), and National Register-listed and eligible historic properties. The current investigation will be focused on updating the information gathered for the 2016 draft EIS through a review of additional reports and records held by your office as well as by the New Jersey State Museum, and archival materials and records held by local historical societies, libraries, and municipal offices.

This letter serves to invite you to participate as a Consulting Party for this project under 36 CFR 800.3(f)(2). In addition to your office, the District is coordinating with the Delaware Nation, the Delaware Tribe of Indians, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite to participate as Consulting Parties (CPs) (Enclosure 3). We welcome your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the enclosed materials and provide a written response, including any input you wish to provide at this time regarding the study area and the proposed

alternatives, within thirty days of receipt of this letter. **A virtual Coordination Meeting among the District and the NJDEP Office of Permitting and Project Navigation is planned for Tuesday, August 1st, 2023, at 11:00am.** Meeting invitation and access details will be provided via email. If you or your staff require additional information or have any questions, please contact Kailey Loughran, Project Archaeologist, at (917) 790-8706 or Kailey.R.Loughran@usace.army.mil. Thank you for your assistance with this Study.

Sincerely,

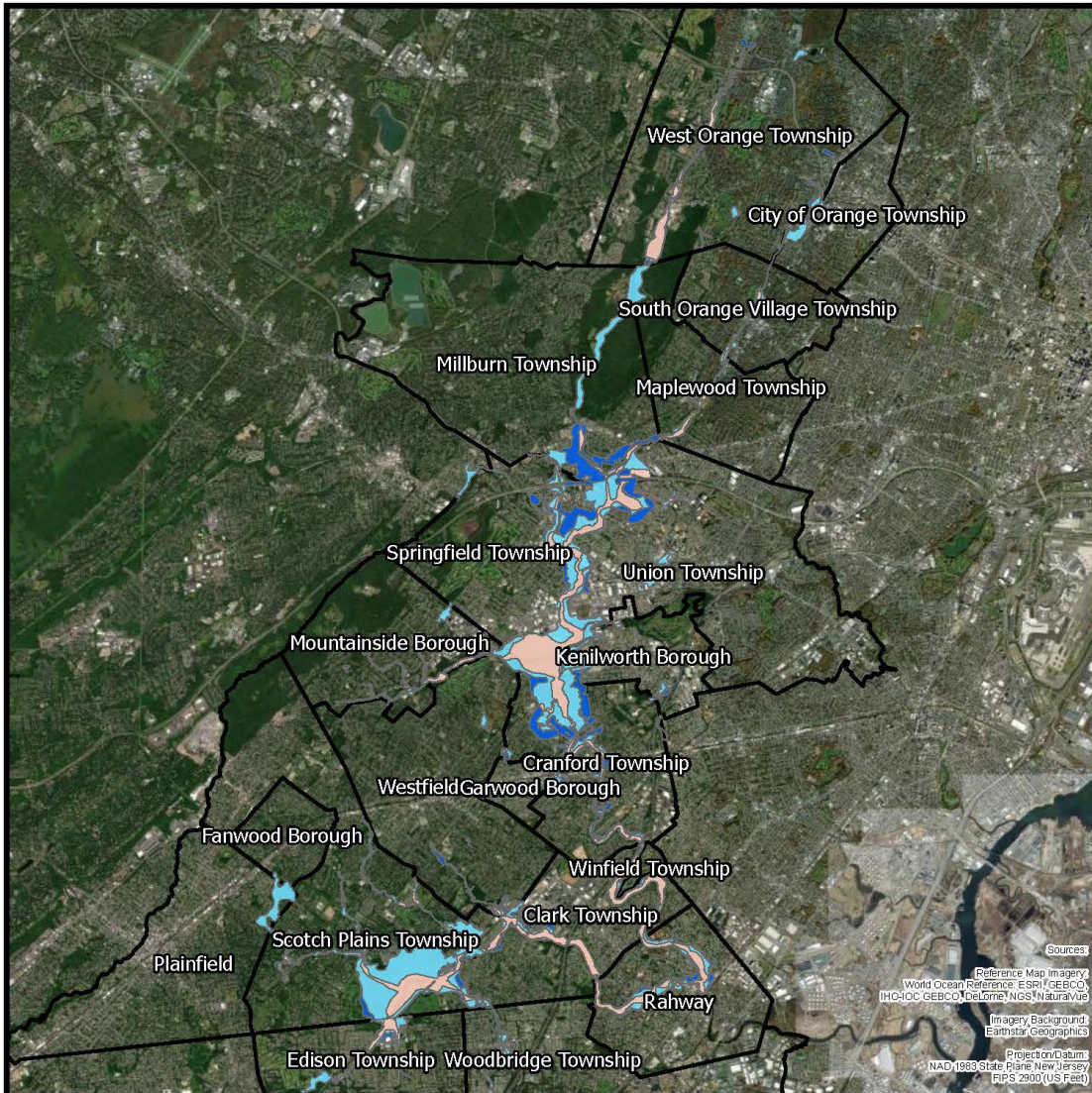
Peter Weppler

Peter M. Weppler
Chief, Environmental Analysis Branch

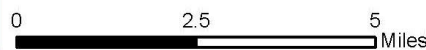
Enclosures

- Enclosure 1: Map of the Study Area
- Enclosure 2: Historic Districts within the Study Area
- Enclosure 3: List of Potential Consulting Parties

Enclosure 1: Map of the Study Area



- Impacted Municipalities
- 0.2% Annual Chance Flood Hazard
- 1% Annual Chance Flood Hazard
- Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

Rahway Fluvial, Municipalities, and Floodplains

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: Historic Districts within the Study Area

Name of Historic District (HD)	National Register Status	New Jersey ID Number
Central Railroad of New Jersey Main Line Corridor HD	Eligible	12311813
Lehigh Valley Railroad HD	Eligible	12311836
North Cranford HD	Eligible	12310476
North Cranford HD [Extension]	Identified	999000109
Rahway River Parkway HD	Eligible	12310706
Staten Island Railroad HD	Eligible	12310550
Union County Park System HD	Eligible	12310426
Wychwood HD	Identified	999033439

Enclosure 3: List of Potential Consulting Parties (CPs)

Name of Consulting Party (CP)	Point of Contact (POC)	Address	Contact Information
Arts Guild New Jersey	Lawrence Cappiello	1670 Irving Street Rahway, NJ 07065	(732) 381-7511
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016	preservecranford@yahoo.com
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016	cranfordhistoricalsociety@verizon.net
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066	dr.robinsonplantation@hotmail.com
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201	hsenj1046@gmail.com
Merchants and Drovers Tavern Museum	Unknown	PO Box 1842 Rahway, NJ 07065	merchantsanddrovers@gmail.com
Nanticoke Lenape Tribal Nation	Unknown	18 E. Commerce Street Bridgeton, New Jersey 08302	NanticokeLenapeTribalNJ@gmail.com
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625	sara.cureton@sos.nj.gov
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102	contactNJHS@jerseyhistory.org
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457, Trenton, NJ 08625	dorothy.guzzo@dca.nj.gov
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625	Gregory.Lattanzi@sos.nj.gov
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, New Jersey 07065	cleacarchia@yahoo.com
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005	dje@tlc-nj.org
Union County Division of Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202	Culturalinfo@ucnj.org
Union County Department of Parks and Recreation	Victoria Durbin-Drake	Unknown	vdurbin@ucnj.org
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090	HPC@westfieldnj.gov
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052	twilliams@westorange.gov
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, New Jersey 07095	WTHPC1669@hotmail.com

From: West-Rosenthal, Jesse [DEP] <Jesse.West-Rosenthal@dep.nj.gov>

Sent: Thursday, August 17, 2023 3:20 PM

To: Loughran, Kailey R CIV USARMY CENAN (USA) <Kailey.R.Loughran@usace.army.mil>

Subject: [Non-DoD Source] Rahway River Basin Flood Risk Management Feasibility Study (HPO Project # 13-0094)

HPO Project # 13-0094-8

HPO-H2023-156

**Essex and Union Counties
Rahway River Basin Flood Risk Management Feasibility Study
United States Department of the Army, Corps of Engineers**

Hi Kailey,

Thank you for providing the Historic Preservation Office (HPO) the opportunity to review and comment on the potential for the above-referenced undertaking to affect historic properties. The HPO looks forward to further consultation with United States Department of the Army, Corps of Engineers, as this undertaking moves forward. In addition to the Consulting Parties provided in your July 18, 2023, consultation letter, the HPO recommends the inclusion of the following entities:

- Maplewood Historic Preservation Commission
- Milburn Historic Preservation Commission
- West Orange Historic Preservation Commission
- Fanwood Historic Preservation Commission

Each of these entities represent members of the Certified Local Government (CLG) program within the area of potential effects for the proposed undertaking. The CLG program offers municipalities the opportunity to participate more directly in state and federal historic preservation programs. Participation in the CLG program requires that a municipality have a historic preservation ordinance and a historic preservation commission conforming to the specifications of both the Municipal Land Use Law and the National Park Service approved New Jersey Certified Local Government Guidelines.

Thank you for providing this opportunity to comment on this project. If additional consultation with the HPO is needed for this undertaking, please reference the HPO project number **13-0094** in any future calls, emails, submissions, or written correspondence to help expedite your review and response. If you have any questions, please feel free to contact me at jesse.west-rosenthal@dep.nj.gov.

Take Care,
Jesse

Jesse West-Rosenthal, Ph.D.

Program Specialist 2

Historic Preservation Office

NJ Department of Environmental Protection

501 East State Street, Trenton, NJ 08625

jesse.west-rosenthal@dep.nj.gov

T (609) 984-6019 | F (609) 984-0578





REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Victoria Durbin-Drake
Union County Department of Parks and Recreation
10 Elizabethtown Plaza
Elizabeth, NJ 07202

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Durbin-Drake,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

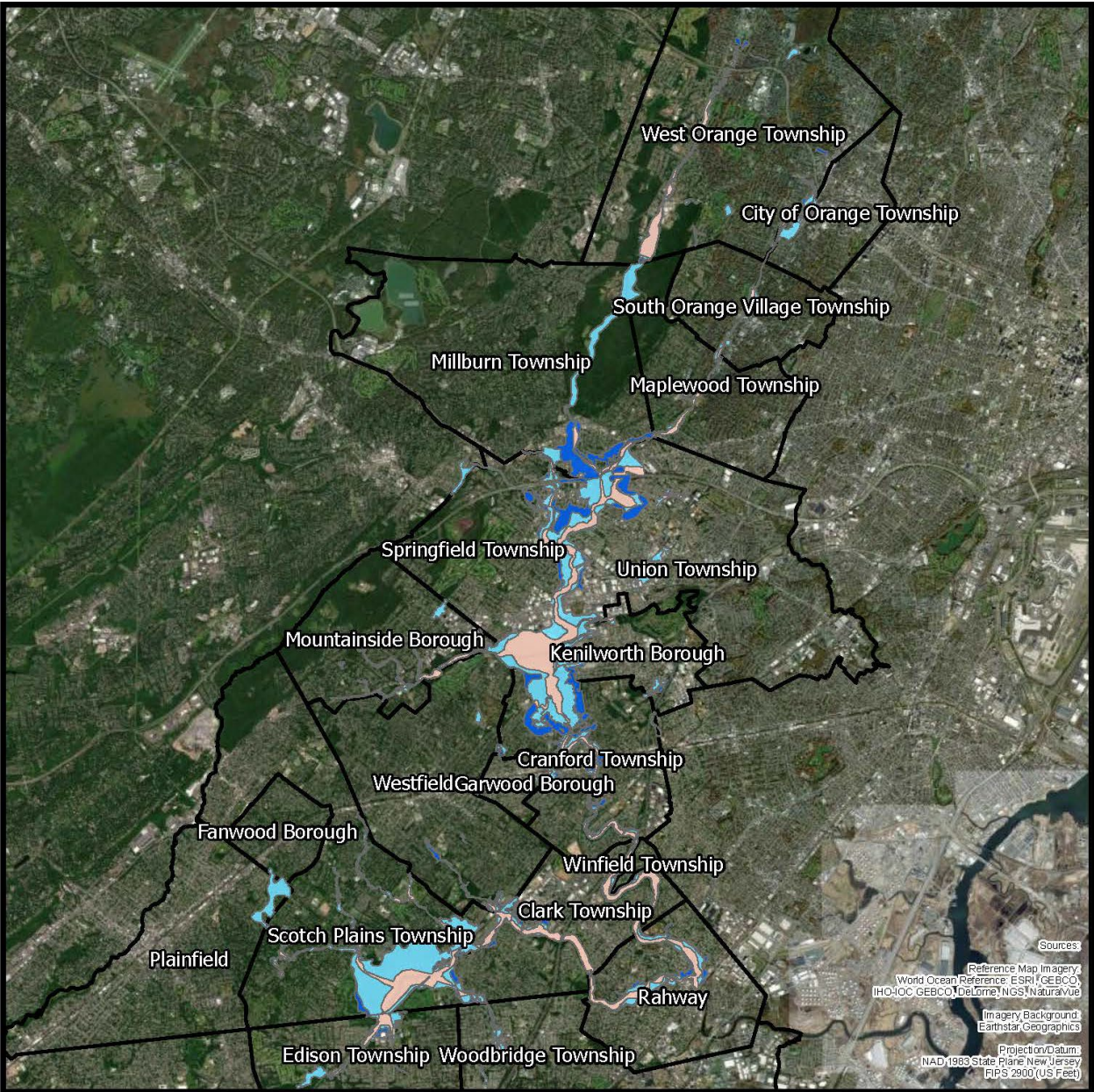
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

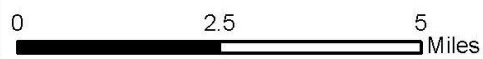
Enclosure 1: Map of the Study Area



Sources:
 Reference Map Imagery:
 World Ocean Reference: ESRI, GEBCO,
 (HO+OC GEBCO, DeLorme) NGS, NaturalVue
 Imagery Background:
 Earthstar Geographics
 Projection/Datum:
 NAD 1983 State Plane New Jersey
 FIPS 2900 (US Feet)




-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
Municipalities,
and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drovers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakaletris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095

From: Daniel Bernier <dbernier@ucnj.org>

Sent: Thursday, September 14, 2023 12:04 PM

To: Loughran, Kailey R CIV USARMY CENAN (USA) <Kailey.R.Loughran@usace.army.mil>

Cc: Victoria Durbin <vdurbin@ucnj.org>; 'Carissa Scarpa' <carissa.scarpa@gmail.com>

Subject: [Non-DoD Source] RE: Request for Review and Comment - USACE Flood Risk Management Study

Kailey,

I will be your point of contact on this project for the Union County Department of Parks & Recreation. I have worked with USACE on several projects in the past, most recently on the Green Brook Flood Control Project.

Feel free to contact me by phone or email.

Thanks,

Dan

Daniel J. Bernier, Director
Division of Park Environmental Services
Union County Department of Parks & Recreation
2325 South Avenue
Scotch Plains, NJ 07076
Office - (908) 789-3682
Fax - (908) 789-3674
e-mail - dbernier@ucnj.org



Before printing this e-mail ask yourself if it is necessary:)



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

July 18, 2023

Planning Division
Environmental Analysis Branch

Katelyn Lucas
Tribal Historic Preservation Officer
Delaware Nation
P.O. Box 825
31064 SH 281
Anadarko, OK 73005

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Lucas,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with your office and relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience, Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention.

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing.

In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

To date, no Native American Traditional Cultural Properties, protected tribal resources, treaty rights, sacred sites, or Indian lands have been identified within the study area. Pursuant to 36 CFR § 800.3, the District is seeking your input on this study early in the process to help identify resources of concern. Please be assured that, in accordance with confidentiality and disclosure stipulations in Section 106 of the NHPA, we will maintain strict confidentiality about certain types of information regarding historic properties and properties of religious and/or cultural significance to your tribe. We will also continue to consult with your office under Section 106 of the NHPA if project parameters change in a matter that may impact cultural resources.

The proposed Project is an **undertaking** as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. This letter serves to invite you to participate as a Consulting Tribal Nation for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJHPO, the Delaware Tribe of Indians, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite as Consulting Parties (CPs) in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Your feedback is important and a written response within 30 days of receipt of this letter would enable us to ensure that your concerns are fully considered in our evaluation. **A virtual Coordination Meeting among the District, U.S. Fish and Wildlife Service,**

Environmental Protection Agency, and the Federal Highway Administration is planned for Tuesday, August 8th, 2023, at 2:00pm. Meeting invitation and access details will be provided via email or through whatever means you prefer. If interested, we would also like to offer the option of a one-on-one meeting with the District. If we can provide any assistance or additional information that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706 or Carissa Scarpa, District Tribal Liaison, at carissa.a.scarpa@usace.army.mil or 917-790-8612. Thank you for your assistance with this Study.

Sincerely,

Peter Weppler

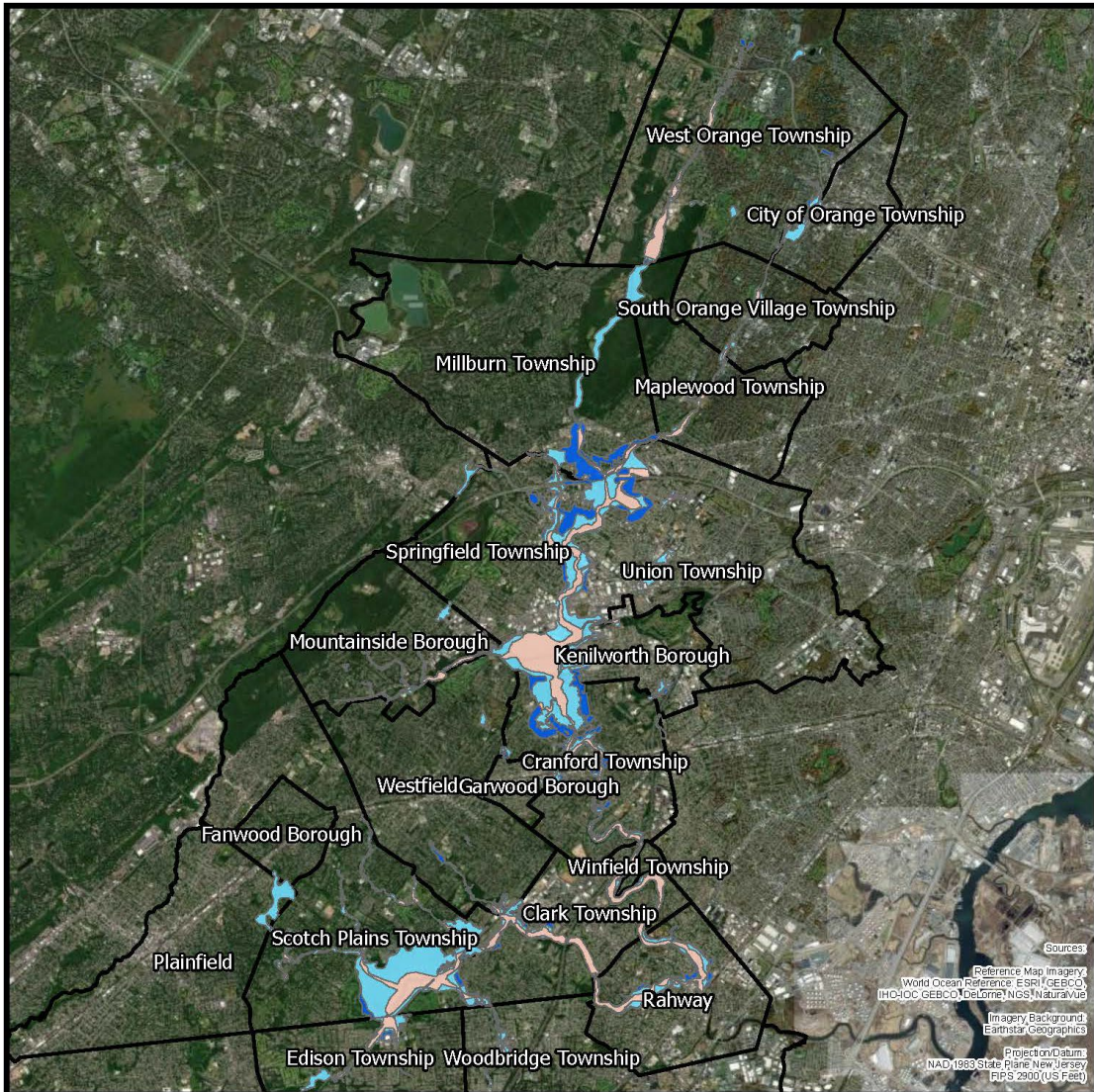
Peter M. Weppler
Chief, Environmental Analysis Branch

Enclosures

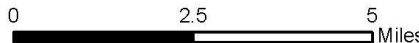
Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
Municipalities,
and Floodplains**

 U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Name of Consulting Party (CP)	Point of Contact (POC)	Address	Contact Information
Arts Guild New Jersey	Lawrence Cappiello	1670 Irving Street Rahway, NJ 07065	(732) 381-7511
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016	preservecranford@yahoo.com
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016	cranfordhistoricalsociety@verizon.net
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066	dr.robinsonplantation@hotmail.com
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201	hsenj1046@gmail.com
Merchants and Drovers Tavern Museum	Unknown	PO Box 1842 Rahway, NJ 07065	merchantsanddrovers@gmail.com
Nanticoke Leni-Lenape Tribal Nation	Unknown	18 E. Commerce Street Bridgeton, New Jersey 08302	NanticokeLeniLenapeTribalNJ@gmail.com
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625	sara.cureton@sos.nj.gov
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102	contactNJHS@jerseyhistory.org
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457, Trenton, NJ 08625	dorothy.guzzo@dca.nj.gov
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625	Gregory.Lattanzi@sos.nj.gov
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, New Jersey 07065	cleacarchia@yahoo.com
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005	dje@tlc-nj.org
Union County Division of Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202	Culturalinfo@ucnj.org
Union County Department of Parks and Recreation	Victoria Durbin-Drake	Unknown	vdurbin@ucnj.org
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090	HPC@westfieldnj.gov
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052	twilliams@westorange.gov
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, New Jersey 07095	WTHPC1669@hotmail.com



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

July 18, 2023

Planning Division
Environmental Analysis Branch

Susan Bachor
Tribal Historic Preservation Officer
Delaware Tribe of Indians
126 University Circle
Stroud Hall, Rm. 437
East Stroudsburg, PA 18301

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Bachor,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with your office and relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience, Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention.

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing.

In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

To date, no Native American Traditional Cultural Properties, protected tribal resources, treaty rights, sacred sites, or Indian lands have been identified within the study area. Pursuant to 36 CFR § 800.3, the District is seeking your input on this study early in the process to help identify resources of concern. Please be assured that, in accordance with confidentiality and disclosure stipulations in Section 106 of the NHPA, we will maintain strict confidentiality about certain types of information regarding historic properties and properties of religious and/or cultural significance to your tribe. We will also continue to consult with your office under Section 106 of the NHPA if project parameters change in a matter that may impact cultural resources.

The proposed Project is an **undertaking** as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. This letter serves to invite you to participate as a Consulting Tribal Nation for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJHPO, the Shawnee Tribe of Oklahoma, and the Delaware Nation. The District has also developed a list of historical societies and local and municipal groups to invite as Consulting Parties (CPs) in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Your feedback is important and a written response within 30 days of receipt of this letter would enable us to ensure that your concerns are fully considered in our evaluation. **A virtual Coordination Meeting among the District, U.S. Fish and Wildlife Service,**

Environmental Protection Agency, and the Federal Highway Administration is planned for Tuesday, August 8th, 2023, at 2:00pm. Meeting invitation and access details will be provided via email or through whatever means you prefer. If interested, we would also like to offer the option of a one-on-one meeting with the District. If we can provide any assistance or additional information that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706 or Carissa Scarpa, District Tribal Liaison, at carissa.a.scarpa@usace.army.mil or 917-790-8612. Thank you for your assistance with this Study.

Sincerely,

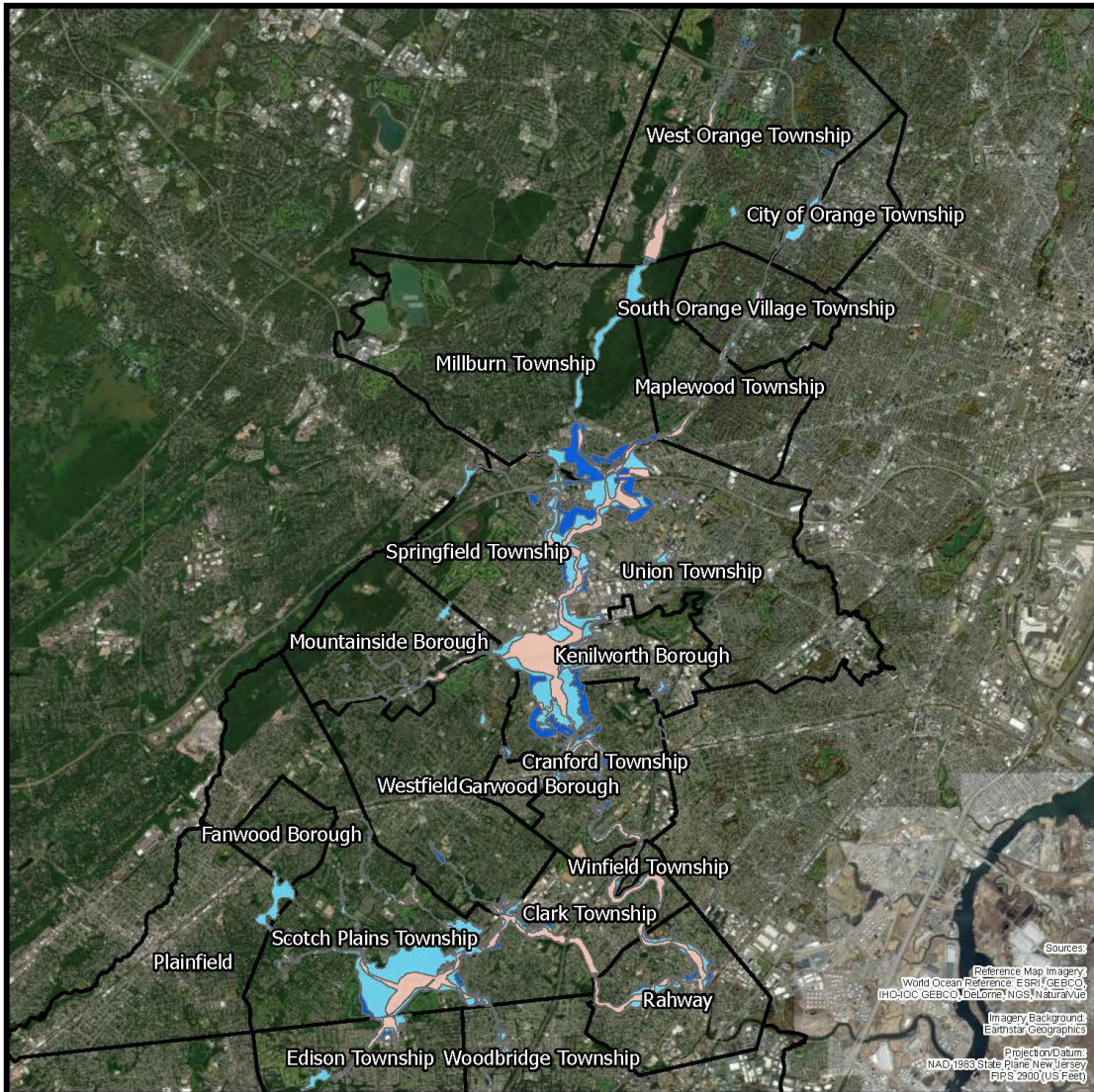
Peter Weppler

Peter M. Weppler
Chief, Environmental Analysis Branch

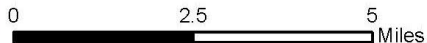
Enclosures

Enclosure 1: Map of the Study Area
Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



- Impacted Municipalities
- 0.2% Annual Chance Flood Hazard
- 1% Annual Chance Flood Hazard
- Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
Municipalities,
and Floodplains**

 U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Name of Consulting Party (CP)	Point of Contact (POC)	Address	Contact Information
Arts Guild New Jersey	Lawrence Cappiello	1670 Irving Street Rahway, NJ 07065	(732) 381-7511
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016	preservecranford@yahoo.com
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016	cranfordhistoricalsociety@verizon.net
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066	dr.robinsonplantation@hotmail.com
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201	hsenj1046@gmail.com
Merchants and Drovers Tavern Museum	Unknown	PO Box 1842 Rahway, NJ 07065	merchantsanddrovers@gmail.com
Nanticoke Lenape Tribal Nation	Unknown	18 E. Commerce Street Bridgeton, New Jersey 08302	NanticokeLenapeTribalNJ@gmail.com
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625	sara.cureton@sos.nj.gov
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102	contactNJHS@jerseyhistory.org
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457, Trenton, NJ 08625	dorothy.guzzo@dca.nj.gov
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625	Gregory.Lattanzi@sos.nj.gov
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, New Jersey 07065	cleacarchia@yahoo.com
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005	dje@tlc-nj.org
Union County Division of Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202	Culturalinfo@ucnj.org
Union County Department of Parks and Recreation	Victoria Durbin-Drake	Unknown	vdurbin@ucnj.org
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090	HPC@westfieldnj.gov
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052	twilliams@westorange.gov
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, New Jersey 07095	WTHPC1669@hotmail.com



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

July 18, 2023

Planning Division
Environmental Analysis Branch

Ms. Tonya Tipton
Tribal Historic Preservation Officer
Shawnee Tribe
P.O. Box 189
Miami, OK 74355

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Tipton,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with your office and relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1).

The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience, Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention.

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing.

In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

To date, no Native American Traditional Cultural Properties, protected tribal resources, treaty rights, sacred sites, or Indian lands have been identified within the study area. Pursuant to 36 CFR § 800.3, the District is seeking your input on this study early in the process to help identify resources of concern. Please be assured that, in accordance with confidentiality and disclosure stipulations in Section 106 of the NHPA, we will maintain strict confidentiality about certain types of information regarding historic properties and properties of religious and/or cultural significance to your tribe. We will also continue to consult with your office under Section 106 of the NHPA if project parameters change in a matter that may impact cultural resources.

The proposed Project is an **undertaking** as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. This letter serves to invite you to participate as a Consulting Tribal Nation for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJHPO, the Delaware Tribe of Indians, and the Delaware Nation. The District has also developed a list of historical societies and local and municipal groups to invite as Consulting Parties (CPs) in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Your feedback is important and a written response within 30 days of receipt of this letter would enable us to ensure that your concerns are fully considered in our evaluation. **A virtual Coordination Meeting among the District, U.S. Fish and Wildlife Service, Environmental Protection Agency, and the Federal Highway Administration is planned for Tuesday, August 8th, 2023, at 2:00pm.** Meeting invitation and access

details will be provided via email or through whatever means you prefer. If interested, we would also like to offer the option of a one-on-one meeting with the District. If we can provide any assistance or additional information that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706 or Carissa Scarpa, District Tribal Liaison, at carissa.a.scarpa@usace.army.mil or 917-790-8612. Thank you for your assistance with this Study.

Sincerely,
Peter Weppler

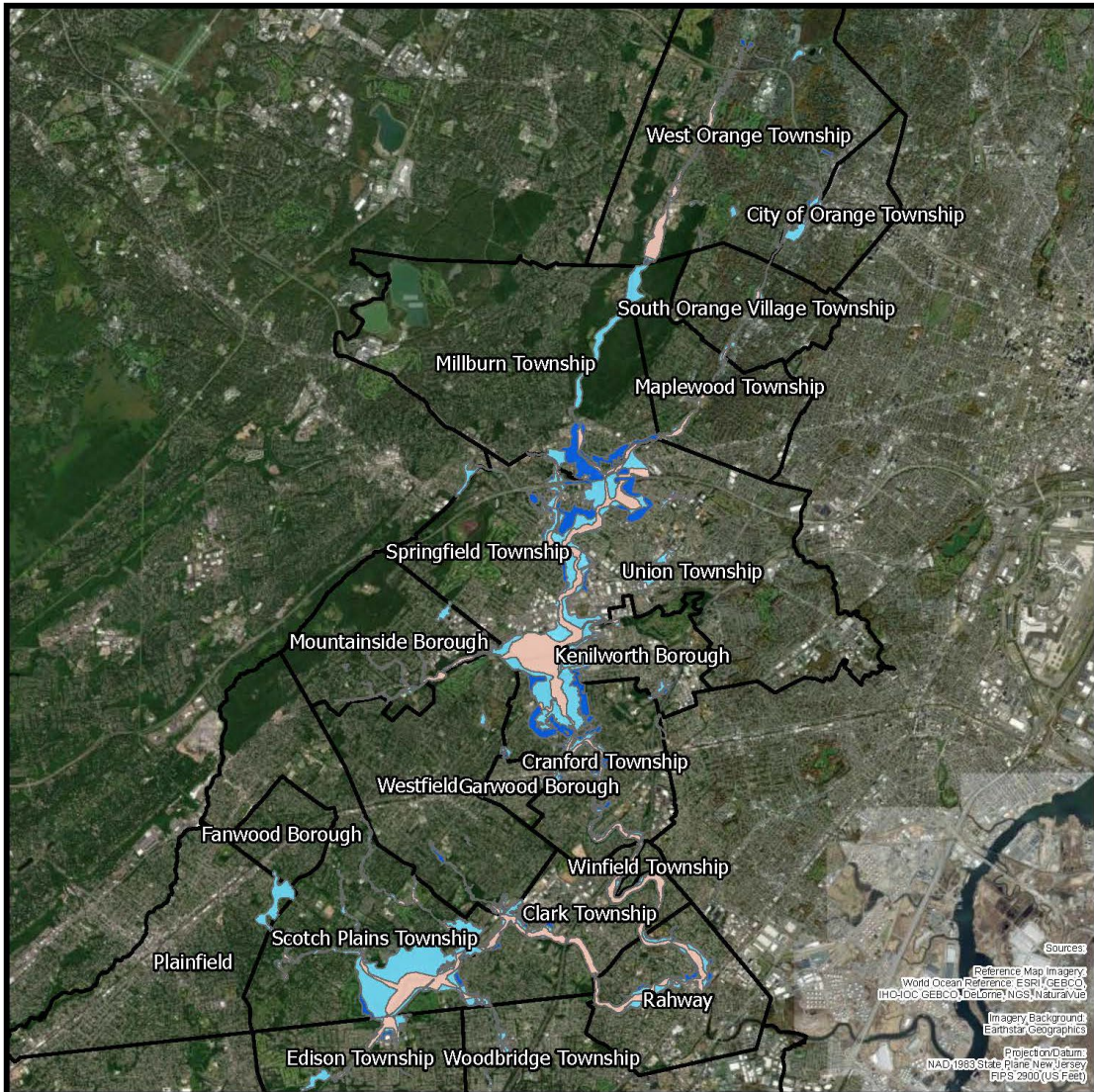
Peter M. Weppler
Chief, Environmental Analysis Branch

Enclosures

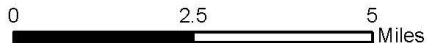
Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
Municipalities,
and Floodplains**

 U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Name of Consulting Party (CP)	Point of Contact (POC)	Address	Contact Information
Arts Guild New Jersey	Lawrence Cappiello	1670 Irving Street Rahway, NJ 07065	(732) 381-7511
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016	preservecranford@yahoo.com
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016	cranfordhistoricalsociety@verizon.net
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066	dr.robinsonplantation@hotmail.com
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201	hsenj1046@gmail.com
Merchants and Drovers Tavern Museum	Unknown	PO Box 1842 Rahway, NJ 07065	merchantsandrovers@gmail.com
Nanticoke Lenape Tribal Nation	Unknown	18 E. Commerce Street Bridgeton, New Jersey 08302	NanticokeLenapeTribalNJ@gmail.com
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625	sara.cureton@sos.nj.gov
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102	contactNJHS@jerseyhistory.org
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457, Trenton, NJ 08625	dorothy.guzzo@dca.nj.gov
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625	Gregory.Lattanzi@sos.nj.gov
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, New Jersey 07065	cleacarchia@yahoo.com
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005	dje@tlc-nj.org
Union County Division of Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202	Culturalinfo@ucnj.org
Union County Department of Parks and Recreation	Victoria Durbin-Drake	Unknown	vdurbin@ucnj.org
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090	HPC@westfieldnj.gov
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052	twilliams@westorange.gov
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, New Jersey 07095	WTHPC1669@hotmail.com

From: Laserfiche Notification <donotreply@laserfiche.com>

Date: Wednesday, Aug 30, 2023 at 3:47 PM

To: Scarpa, Carissa A CIV USARMY CENAN (USA) <Carissa.A.Scarpa@usace.army.mil>

Subject: [Non-DoD Source] Section 106 Consultation - Rahway River Basin Flood Risk Management Feasibility Study

This email is in response to Rahway River Basin Flood Risk Management Feasibility Study. The project is out of the Shawnee Tribe's area of interest. If you have any questions, you may contact me via email at Section106@shawnee-tribe.com.

Thank you for giving us the opportunity to comment on this project.

Sincerely,



Erin Paden

TRIBAL HISTORIC PRESERVATION
SPECIALIST

Office: (918) 542-2441, x140

Email: epaden@shawnee-tribe.com

29 S Hwy 69A
Miami, OK 74354
shawnee-tribe.com



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Gregory Lattanzi
New Jersey State Museum
PO Box 530
Trenton, NJ 08625

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Mr. Lattanzi,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

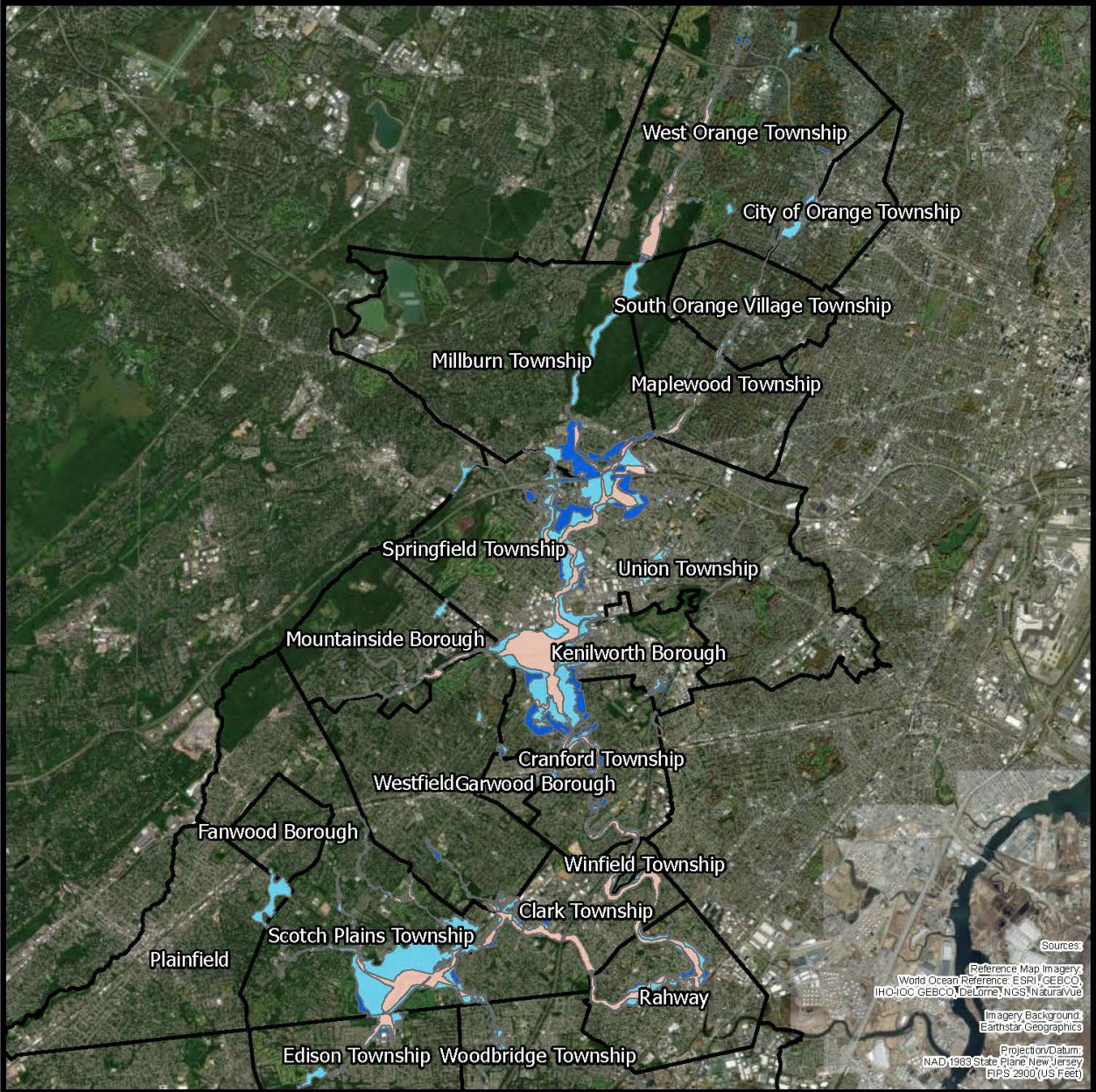
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area

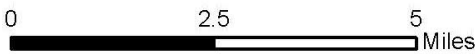


Sources:
 Reference Map Imagery:
 World Ocean Reference: ESRI, GEBCO,
 IHO-IOC, GEBCO, DeLorme, NGS, NaturalVue
 Imagery Background:
 Earthstar Geographics
 Projection/Datum:
 NAD, 1983 State Plane New Jersey
 FIPS 2900 (US Feet)



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway

N



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
 Municipalities,
 and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
 NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095

From: Lattanzi, Gregory [DOS] <Gregory.Lattanzi@sos.nj.gov>

Sent: Thursday, September 14, 2023 9:15 AM

To: Loughran, Kailey R CIV USARMY CENAN (USA) <Kailey.R.Loughran@usace.army.mil>

Subject: [Non-DoD Source] RE: Request for Review and Comment - USACE Flood Risk Management Study

Kailey,

Thank you for the letter. I will let you know if I have any concerns.

Best, Gregory



Gregory D. Lattanzi, Ph.D. (he/him/his)
Curator / State Archaeologist
Bureau of Archaeology & Ethnography
Gregory.Lattanzi@sos.nj.gov
Phone: 609.984.9327
Fax: 609.292.7636

PO Box 530
205 West State Street
Trenton, NJ 08625-0530
www.statemuseum.nj.gov
<https://orcid.org/0000-0002-7767-6389>



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Dorothy Guzzo
New Jersey Historic Trust
P.O. Box 457
Trenton, NJ 08625

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Guzzo,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

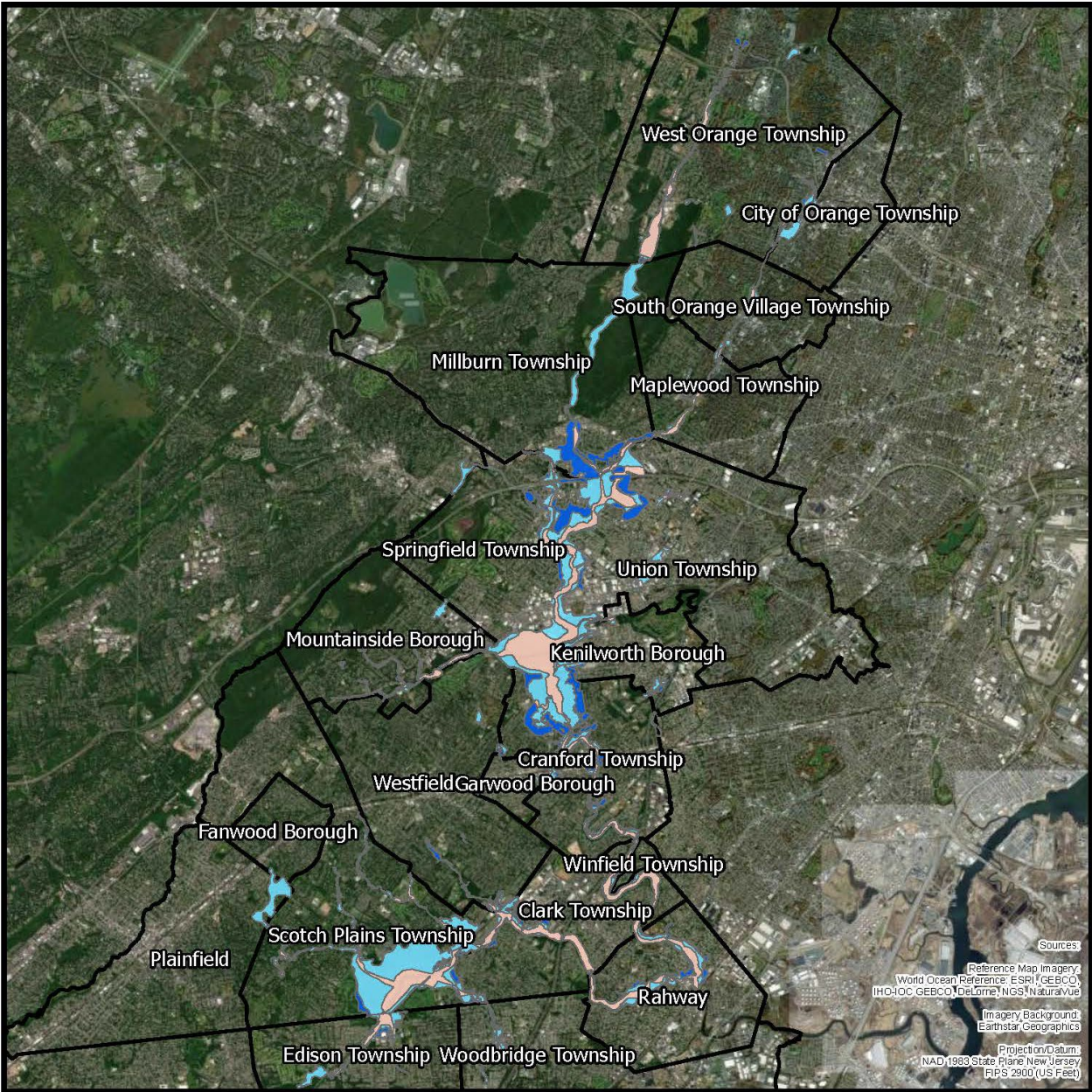
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

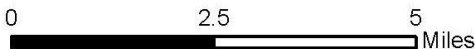
Enclosure 1: Map of the Study Area



Sources:
 Reference Map Imagery:
 World Ocean Reference: ESRI/CESCO
 IHO-IOC GEBCO/DeLorme/NGS/NaturalView
 Imagery Background:
 Earthstar Geographics
 Projection/Datum:
 NAD, 1983 State Plane New Jersey
 FIPS 2900 (US Feet)



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
 Municipalities,
 and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
 NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drovers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095

From: Alemy, Alexis [DCA] <Alexis.Alemy@dca.nj.gov>

Sent: Friday, September 29, 2023 10:45 AM

To: Loughran, Kailey R CIV USARMY CENAN (USA) <Kailey.R.Loughran@usace.army.mil>

Subject: [Non-DoD Source] RE: Request for Review and Comment - USACE Flood Risk Management Study

Good morning Kailey,

The New Jersey Historic Trust would like to be kept updated regarding this project. Please let me know of upcoming meetings and developments.

Thanks very much,
Alexis



Alexis Alemy

Historic Preservation Specialist 1 / Archaeologist
(609) 913-4442 | Alexis.Alemy@dca.nj.gov



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Steve Saltzman
Cranford Historic Preservation Advisory Board
220 Walnut Avenue
Cranford, NJ 07016

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Mr. Saltzman,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

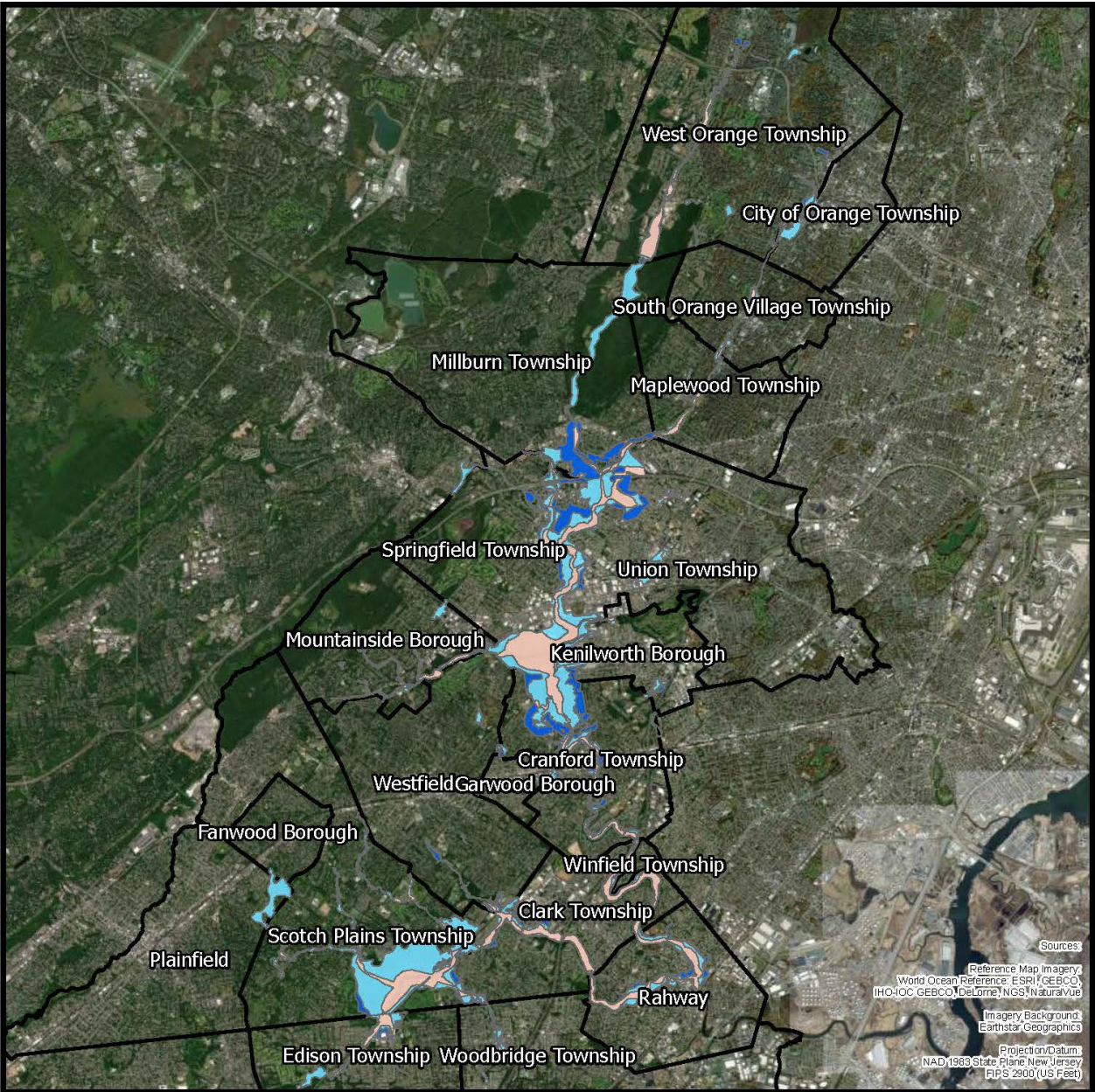
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



0 2.5 5 Miles

RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
Municipalities,
and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095

From: Nancy Price <price_211@msn.com>

Sent: Monday, October 2, 2023 9:28 AM

To: Cranford HPAB <preservecranford@yahoo.com>; Loughran, Kailey R CIV USARMY CENAN (USA) <Kailey.R.Loughran@usace.army.mil>; shsaltzman@gmail.com; Jeff Pistol <pistoljp@gmail.com>

Subject: [Non-DoD Source] Re: Request for Review and Comment - USACE Flood Risk Management Study

Dear Ms. Loughran,

The Cranford Twp. Historic Preservation Advisory Board is most definitely interested in participating as a Consulting Party for the Rahway River Basin Flood Risk Management project under 36 CFR 800.3(f)(2).

We look forward to hearing from you regarding this most important matter.

Sincerely,

Steve Price

Chair, Cranford Twp. Historic Preservation Advisory Board



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Margaret Gerlach
Cranford Historical Society
38 Springfield Ave
Cranford, NJ 07016

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Gerlach,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

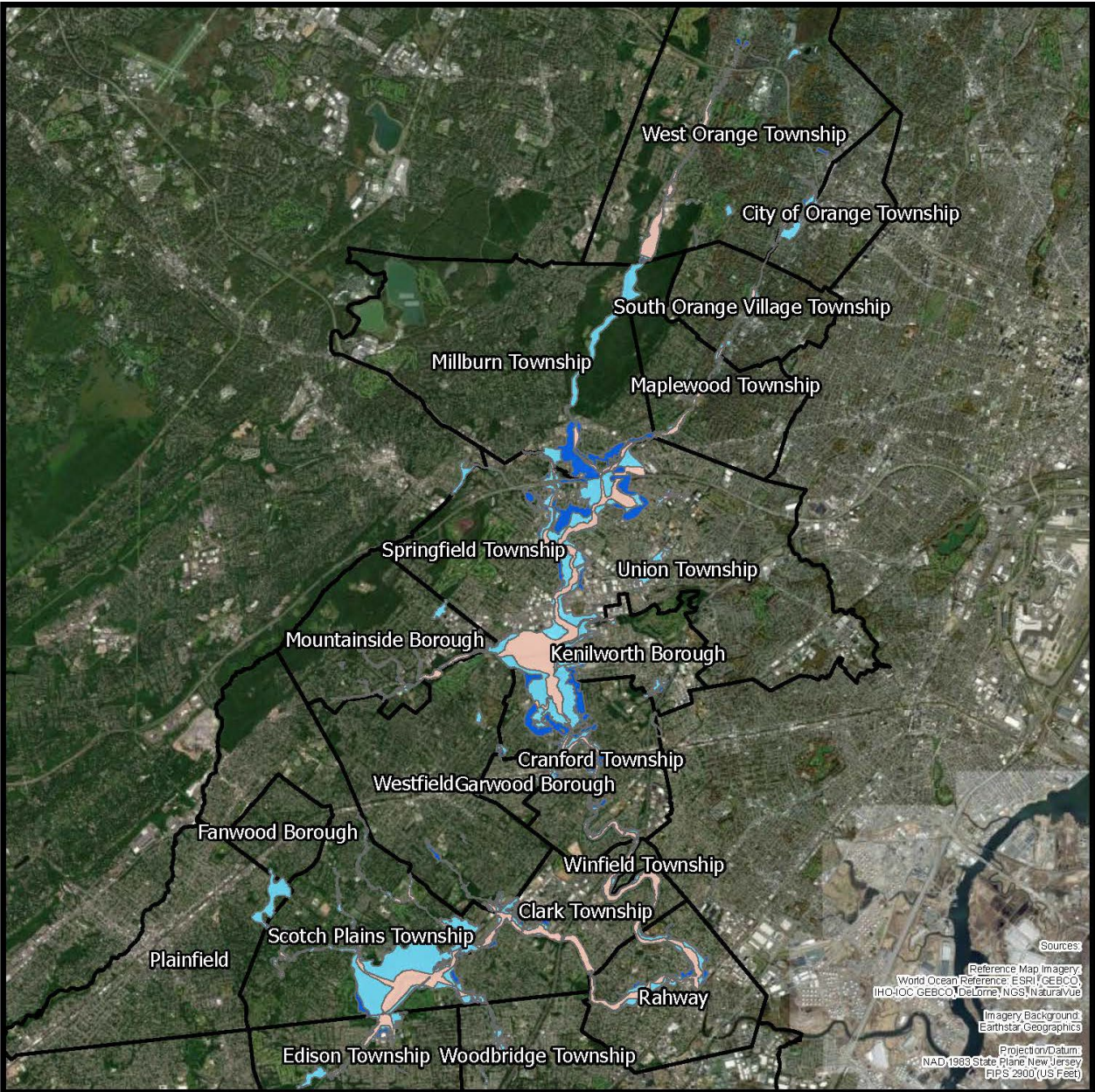
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



0 2.5 5 Miles

RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
Municipalities,
and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakaletris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Joan Skubish
Fanwood Historic Preservation Commission
75 N. Martine Avenue
Fanwood, NJ 07023

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Skubish,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

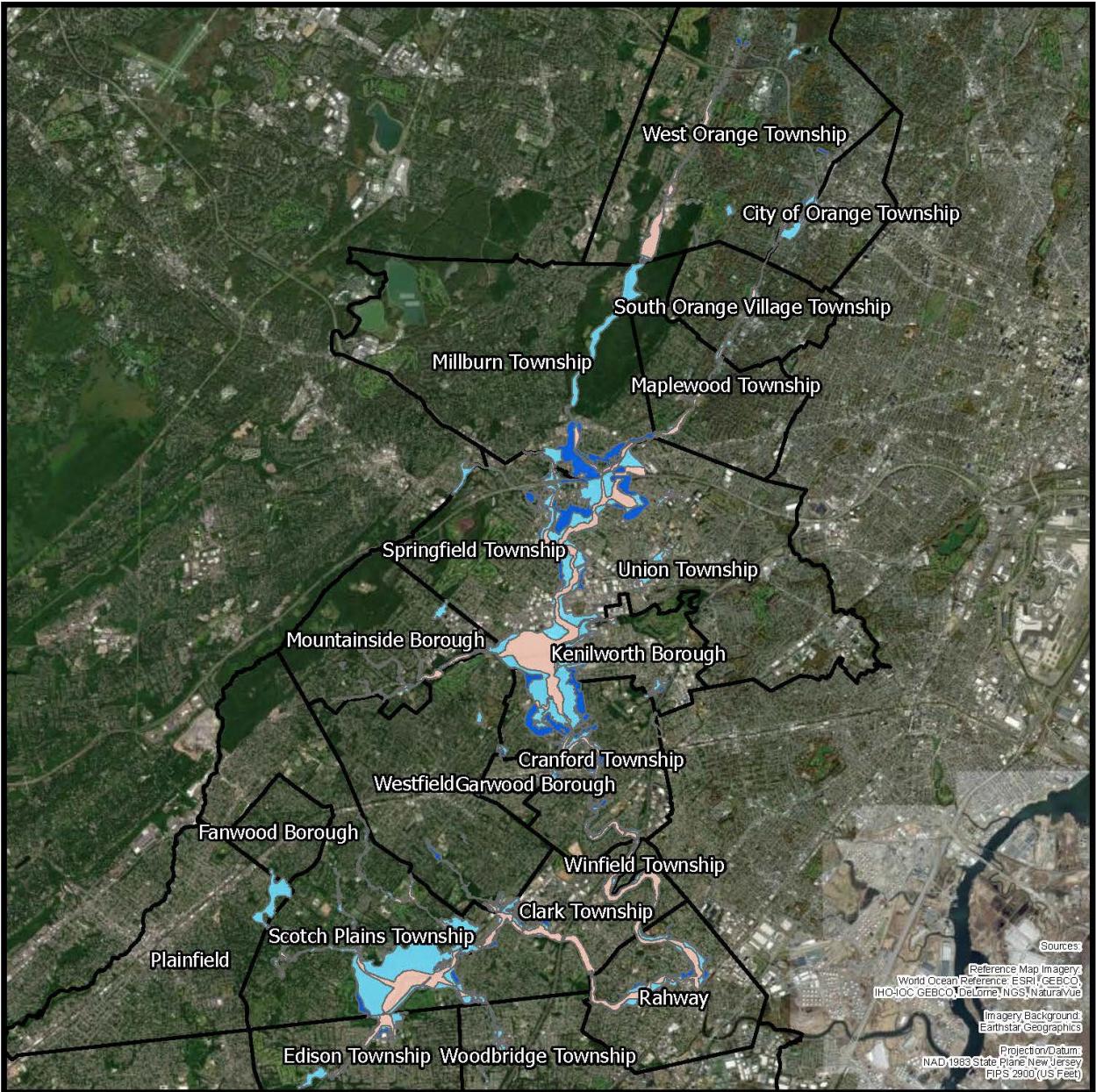
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



0 2.5 5 Miles

RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
Municipalities,
and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

REPLY TO
ATTENTION OF

September 13, 2023

Planning Division
Environmental Analysis Branch

Ceil Mantia
Historical Society of Elizabeth
1045 East Jersey Street Suite #101
Elizabeth, NJ 07201

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Mantia,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

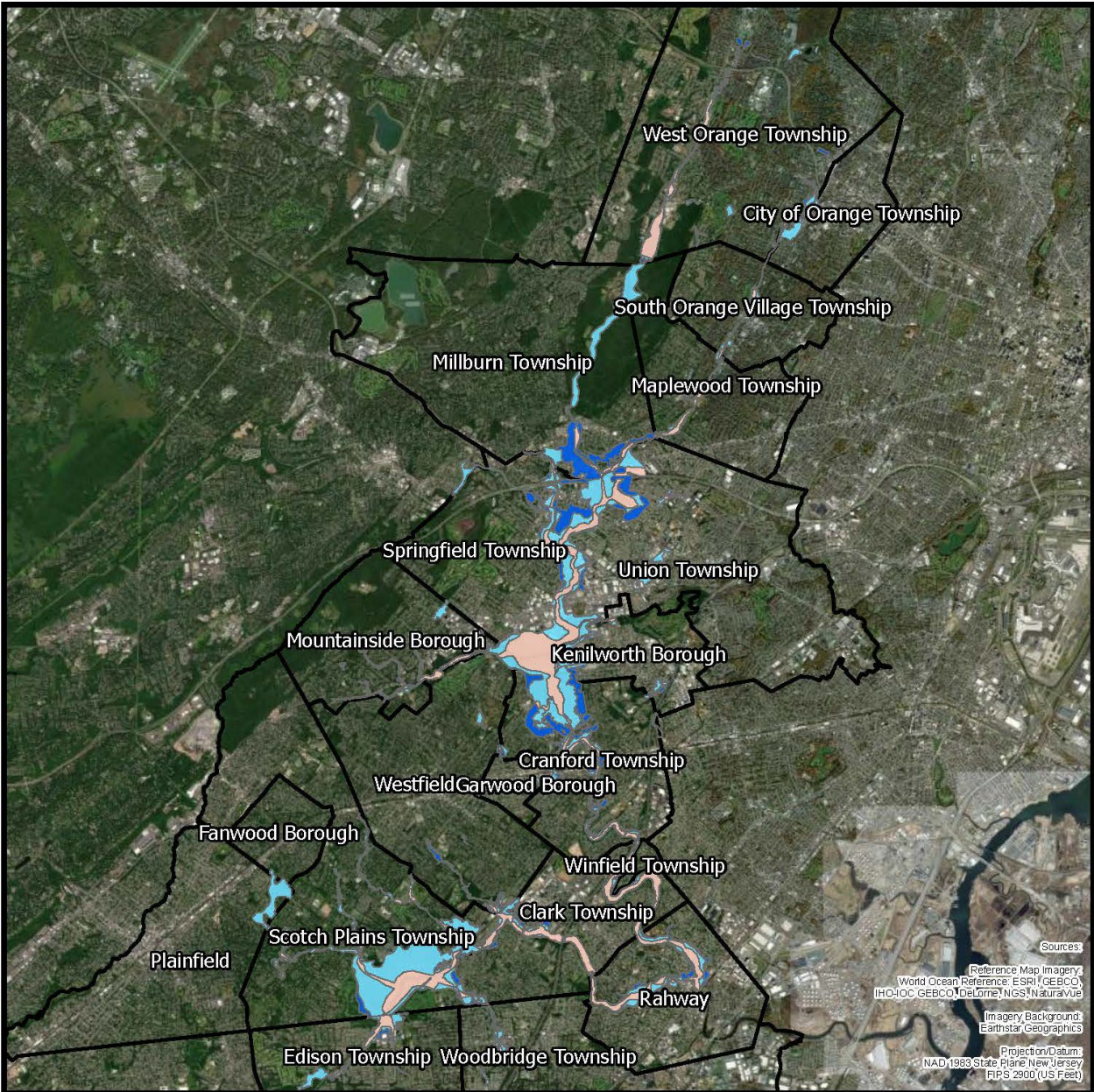
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area





Enclosure 2: List of Potential Consulting Parties (CPs)

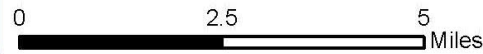
Enclosure 1: Map of the Study Area



Sources:
 Reference Map Imagery:
 World Ocean Reference: ESRI/CESCO
 IHO-IOC GEBCO/DeLorme/NGS/NaturalView
 Imagery Background:
 Earthstar Geographics
 Projection/Datum:
 NAD, 1983 State Plane New Jersey
 FIPS 2900 (US Feet)



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
 Municipalities,
 and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
 NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drovers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

David Epstein
The Land Conservancy of New Jersey
19 Boonton Avenue
Boonton, NJ 07005

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Mr. Epstein,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

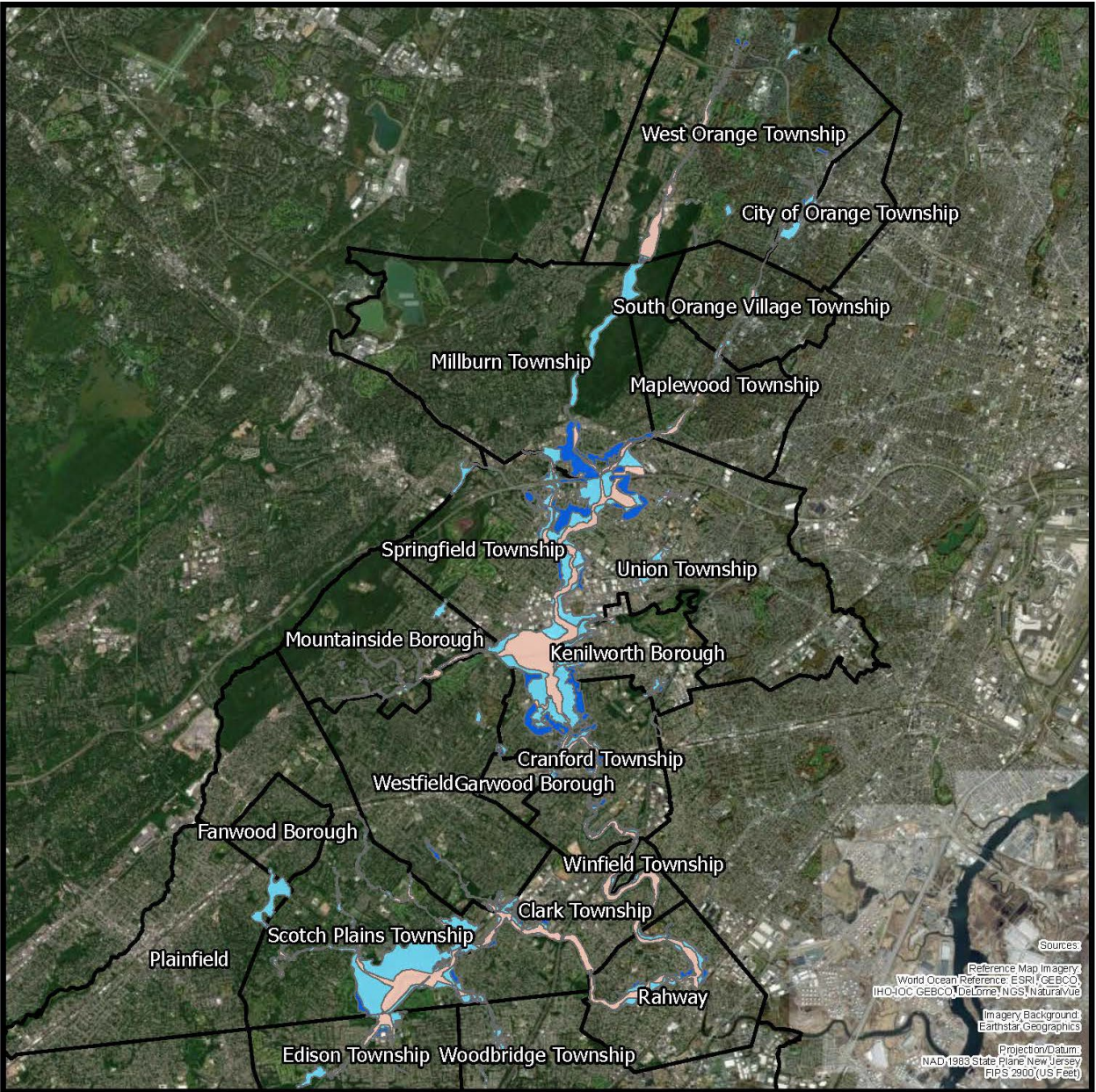
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area


Enclosure 2: List of Potential Consulting Parties (CPs)

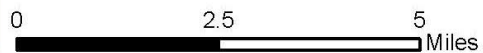
Enclosure 1: Map of the Study Area



Sources:
 Reference Map Imagery:
 World Ocean Reference: ESRI / GEBCO
 (HO-OC GEBCO, Delorme / NGS, NaturalVue
 Imagery Background:
 Earthstar Geographics
 Projection/Datum:
 NAD 1983 State Plane New Jersey
 FIPS 2900 (US Feet)



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
Municipalities,
and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

John Gordon
Maplewood Historic Preservation Commission
574 Valley Street
Maplewood, NJ 07040

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Mr. Gordon,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

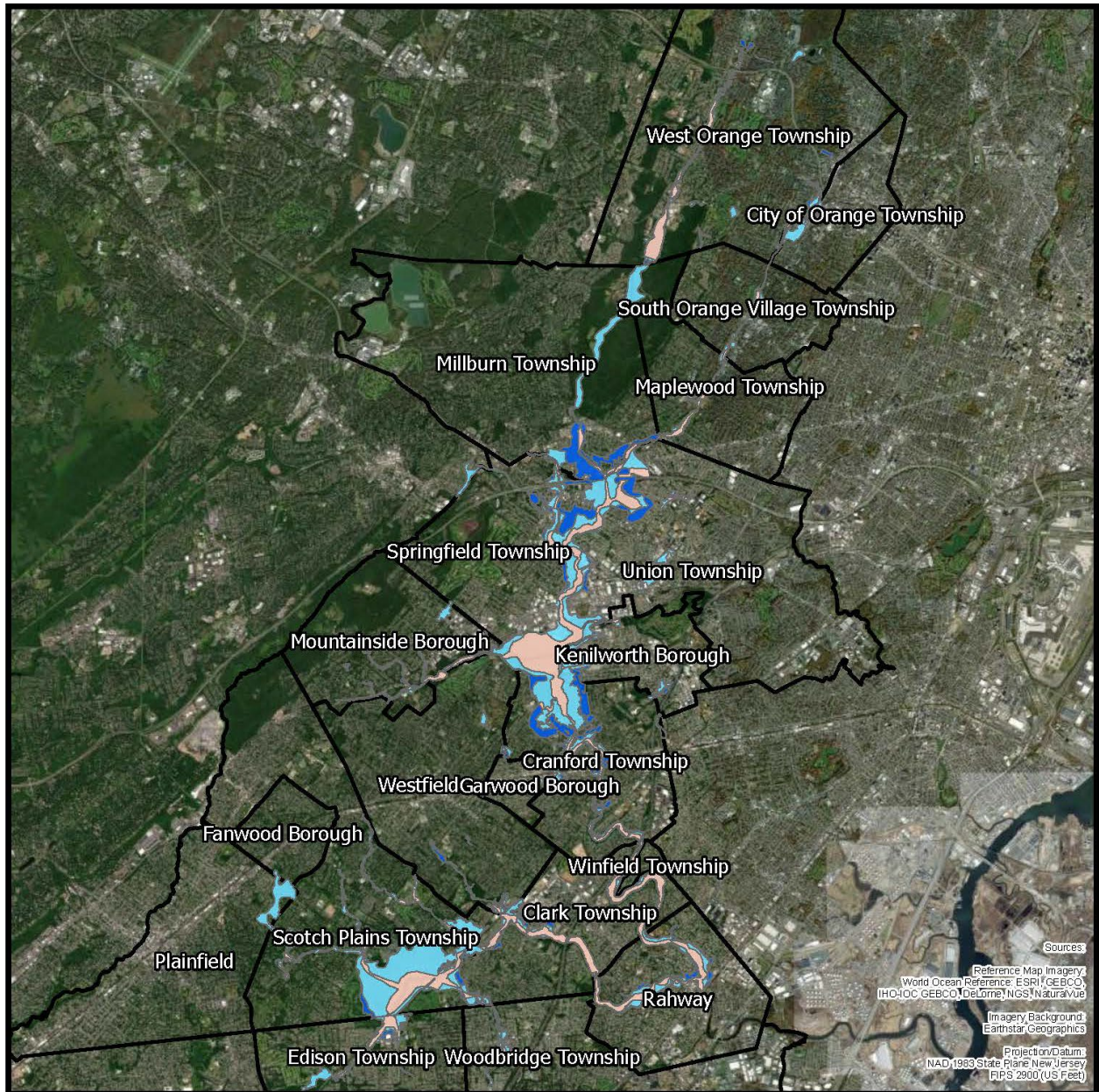
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



Sources:
 Reference Map Imagery:
 World Ocean Reference: ESRI/CESCO,
 IHO/IOC, GEBCO, DeLorme, NGS, NaturalVue
 Imagery Background:
 Earthstar, Geographics
 Projection/Datum:
 NAD, 1983 State Plane New Jersey
 FIPS 2900 (US Feet)



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



0 2.5 5 Miles

RAHWAY FLUVIAL RIVER BASIN

Rahway Fluvial, Municipalities, and Floodplains



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drovers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Alison Canfield
Millburn Historic Preservation Commission
375 Millburn Avenue
Millburn NJ 07041

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Canfield,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

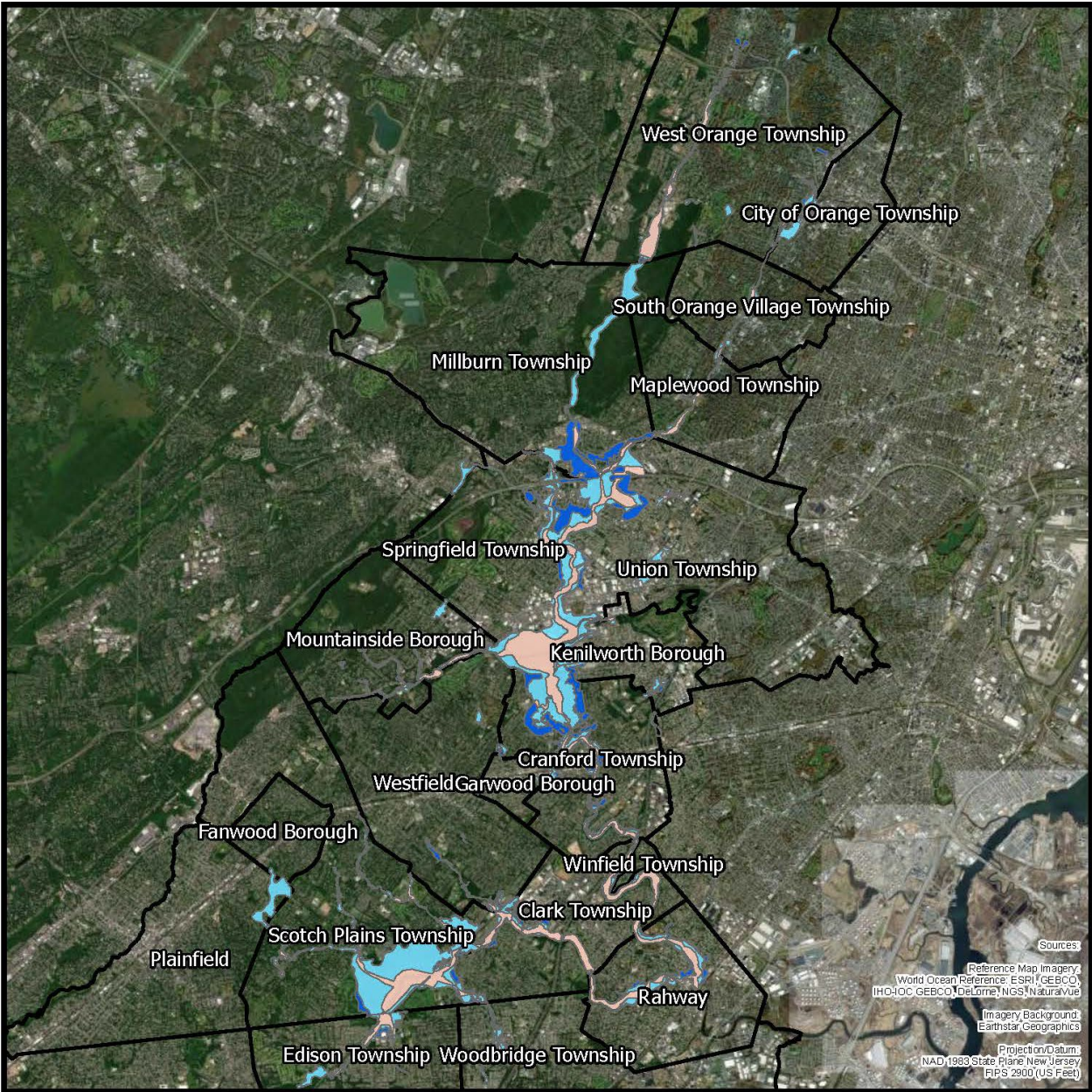
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway

N



0 2.5 5 Miles

RAHWAY FLUVIAL RIVER BASIN

Rahway Fluvial, Municipalities, and Floodplains



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drovers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Sara Cureton
New Jersey Historical Commission
PO Box 305
Trenton, NJ 08625

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Cureton,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

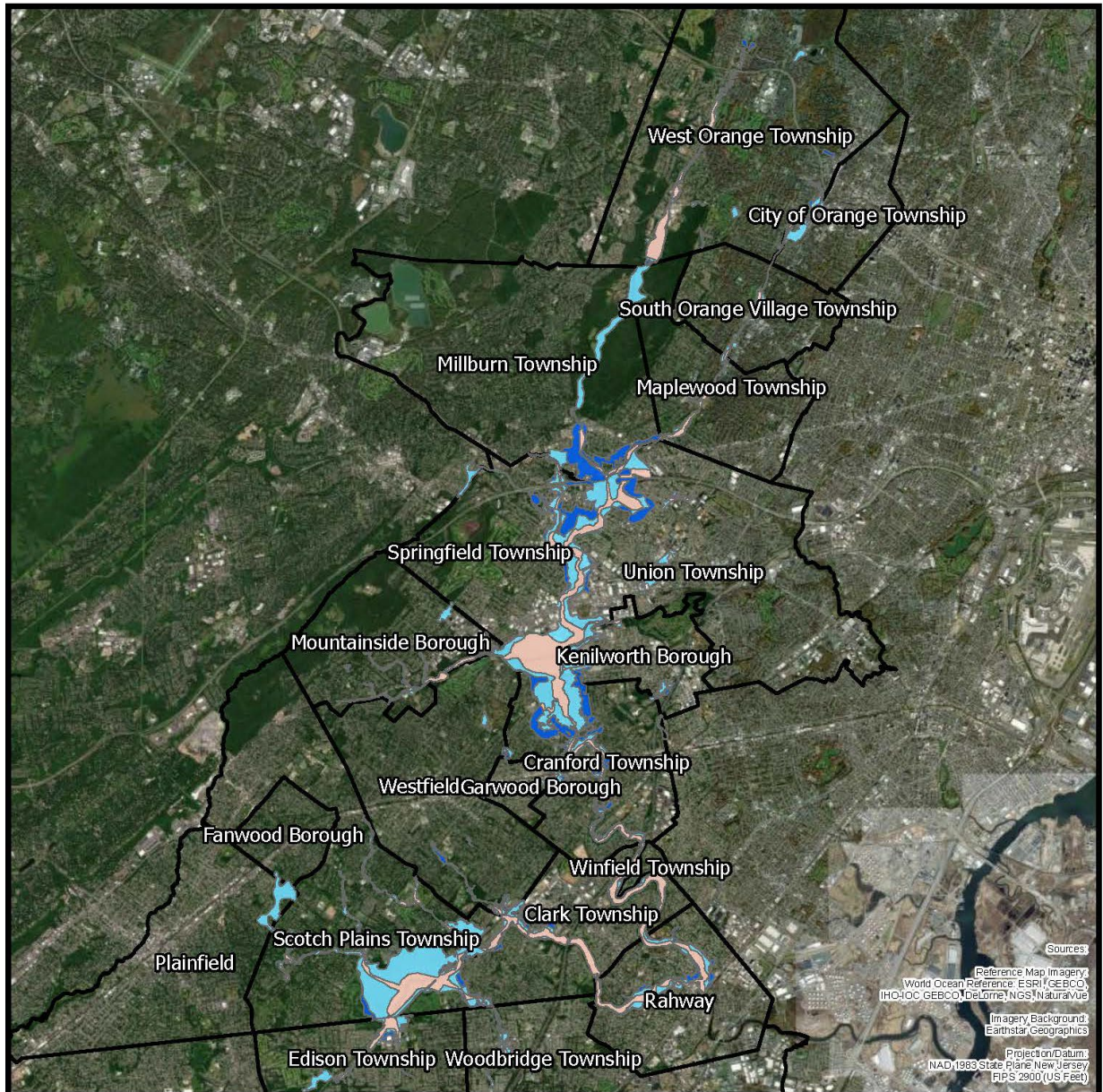
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

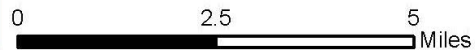
Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
Municipalities,
and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakaletris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Steven Tettamanti
New Jersey Historical Society
52 Park Place
Newark, NJ 07102

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Mr. Tettamanti,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

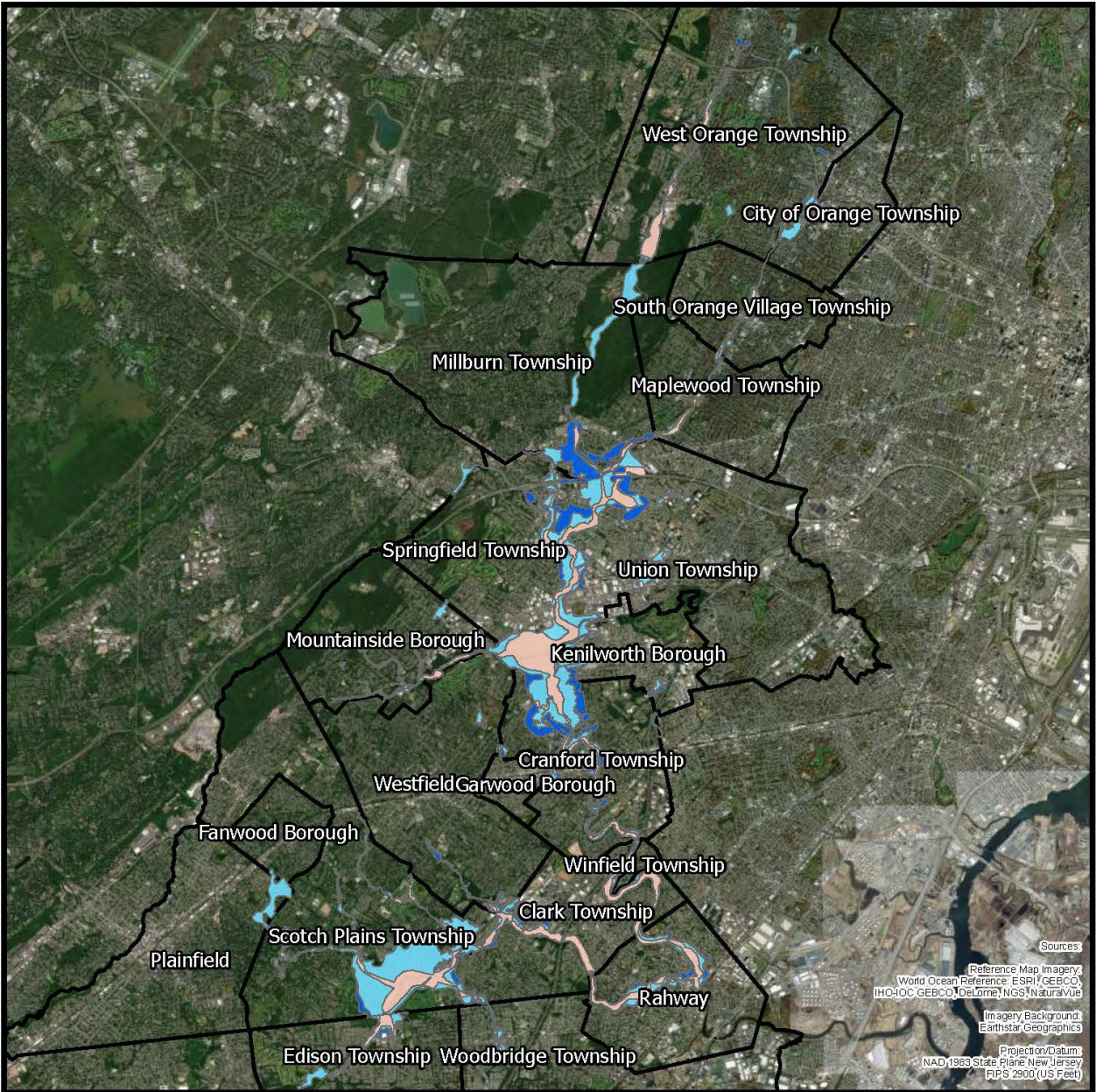
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

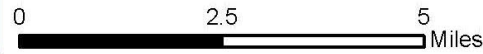
Enclosure 1: Map of the Study Area



Sources:
 Reference Map Imagery:
 World Ocean Reference: ESRI, GEBCO,
 IHO-IOC, GEBCO, DeLorme, NGS, NaturalVue
 Imagery Background:
 Earthstar Geographics
 Projection/Datum:
 NAD, 1983 State Plane New Jersey
 FIPS 2900 (US Feet)

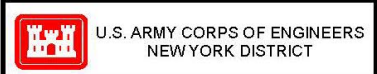


- Impacted Municipalities
- 0.2% Annual Chance Flood Hazard
- 1% Annual Chance Flood Hazard
- Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
 Municipalities,
 and Floodplains**



Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Scott McCabe
Dr. William Robinson Plantation Museum
593 Madison Hill Road
Clark, NJ 07066

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Mr. McCabe,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

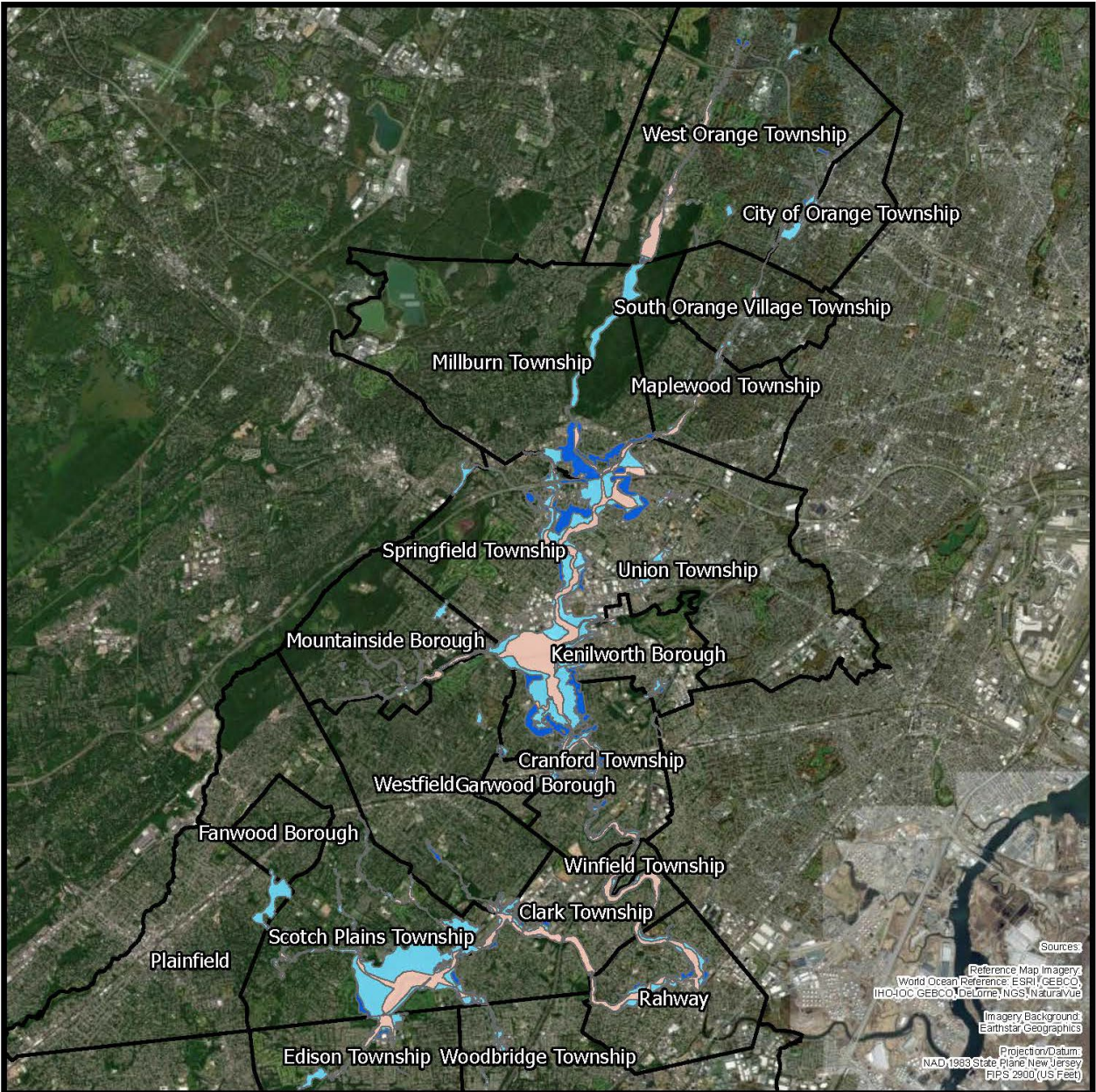
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway

N



0 2.5 5 Miles

RAHWAY FLUVIAL RIVER BASIN

Rahway Fluvial, Municipalities, and Floodplains



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drovers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Clea Carchia
Rahway River Association
PO Box 1101
Rahway, New Jersey 07065

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Carchia,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

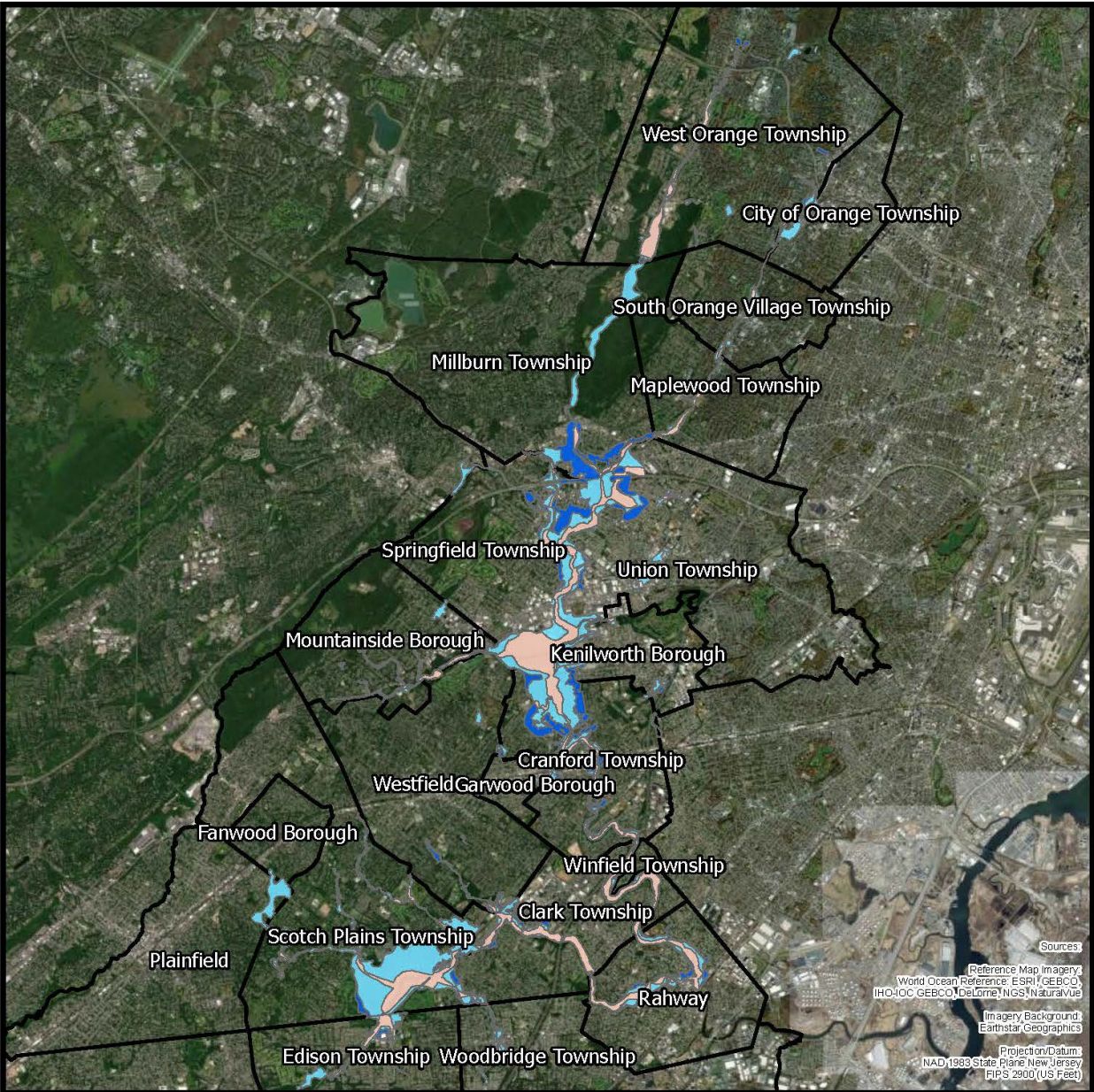
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

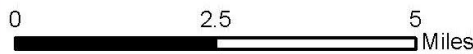
Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway

N



RAHWAY FLUVIAL RIVER BASIN

Rahway Fluvial, Municipalities, and Floodplains



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakaletris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Alex Shipley
Merchants and Drovers Tavern Museum
P.O. Box 1842
Rahway, NJ 07065

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Mr. Shipley,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

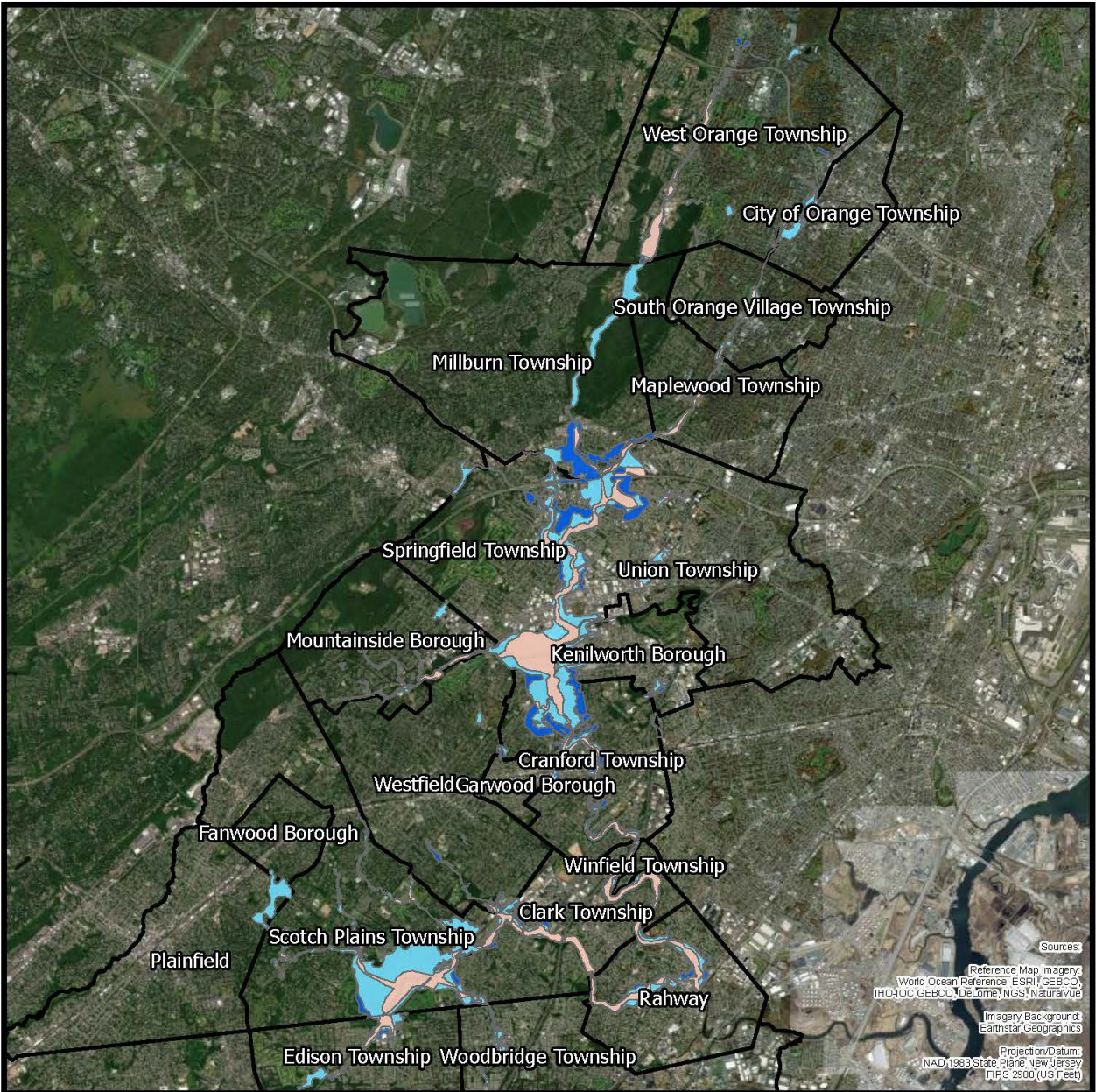
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area





Enclosure 2: List of Potential Consulting Parties (CPs)

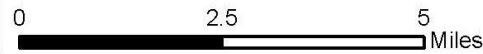
Enclosure 1: Map of the Study Area



Sources:
 Reference Map Imagery:
 World Ocean Reference: ESRI/CESCO
 IHO-IOC GEBCO/DeLorme/NGS/NaturalView
 Imagery Background:
 Earthstar Geographics
 Projection/Datum:
 NAD, 1983 State Plane New Jersey
 FIPS 2900 (US Feet)



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
 Municipalities,
 and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
 NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drovers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Kathy Kakalettris
Union County Division of Cultural & Heritage Affairs
10 Elizabethtown Plaza
Elizabeth, NJ 07202

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Kakalettris,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

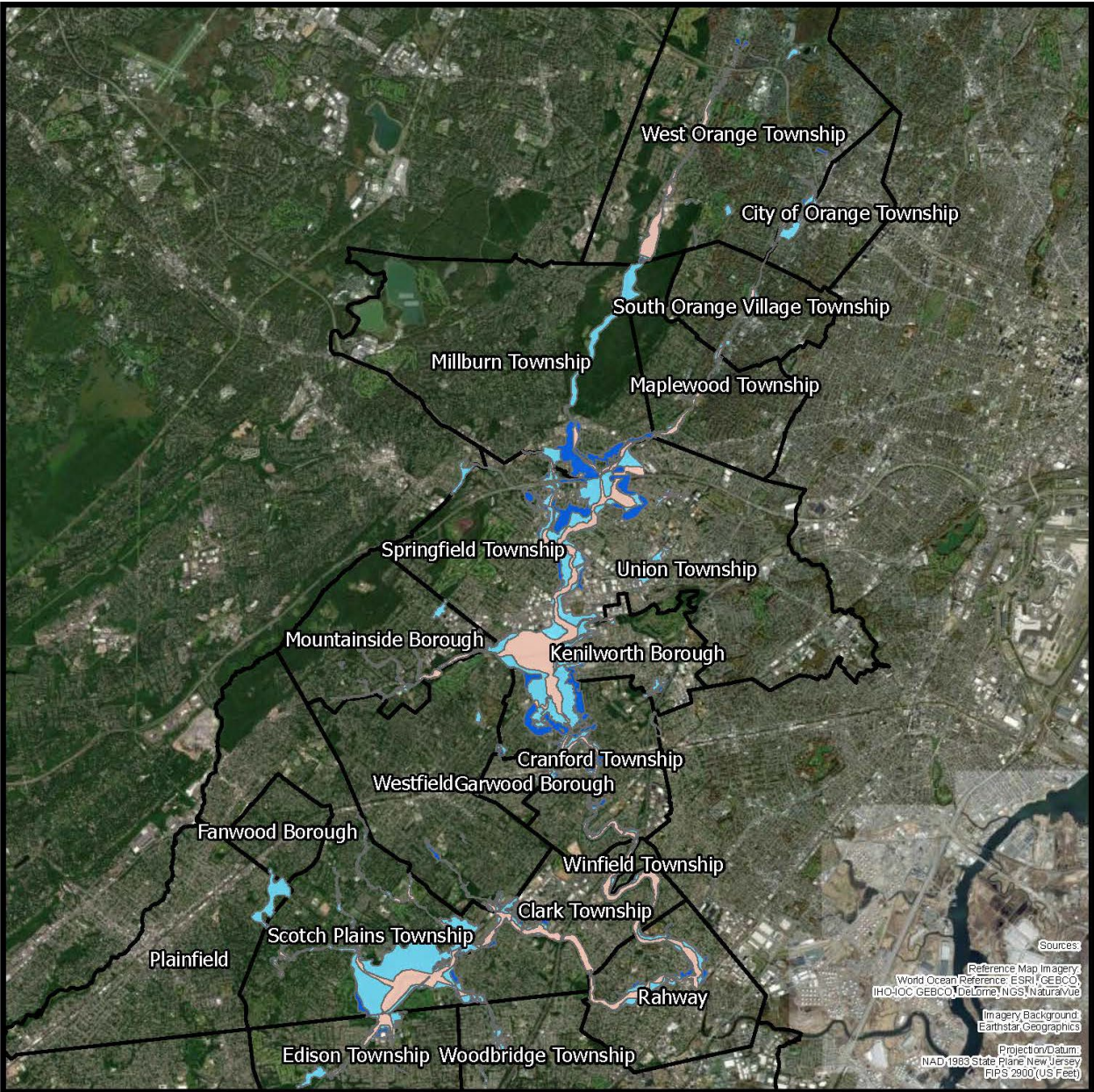
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

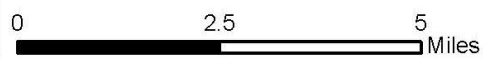
Enclosure 1: Map of the Study Area



Sources:
 Reference Map Imagery:
 World Ocean Reference: ESRI (CEBCO),
 (HO-OC GEBCO, DeLorme) NGS NaturalVue
 Imagery Background:
 Earthstar Geographics
 Projection/Datum:
 NAD 1983 State Plane New Jersey
 FIPS 2900 (US Feet)



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

**Rahway Fluvial,
Municipalities,
and Floodplains**



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Tammy Williams
West Orange Historic Preservation Commission
66 Main Street
West Orange, NJ 07052

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Councilwoman Williams,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

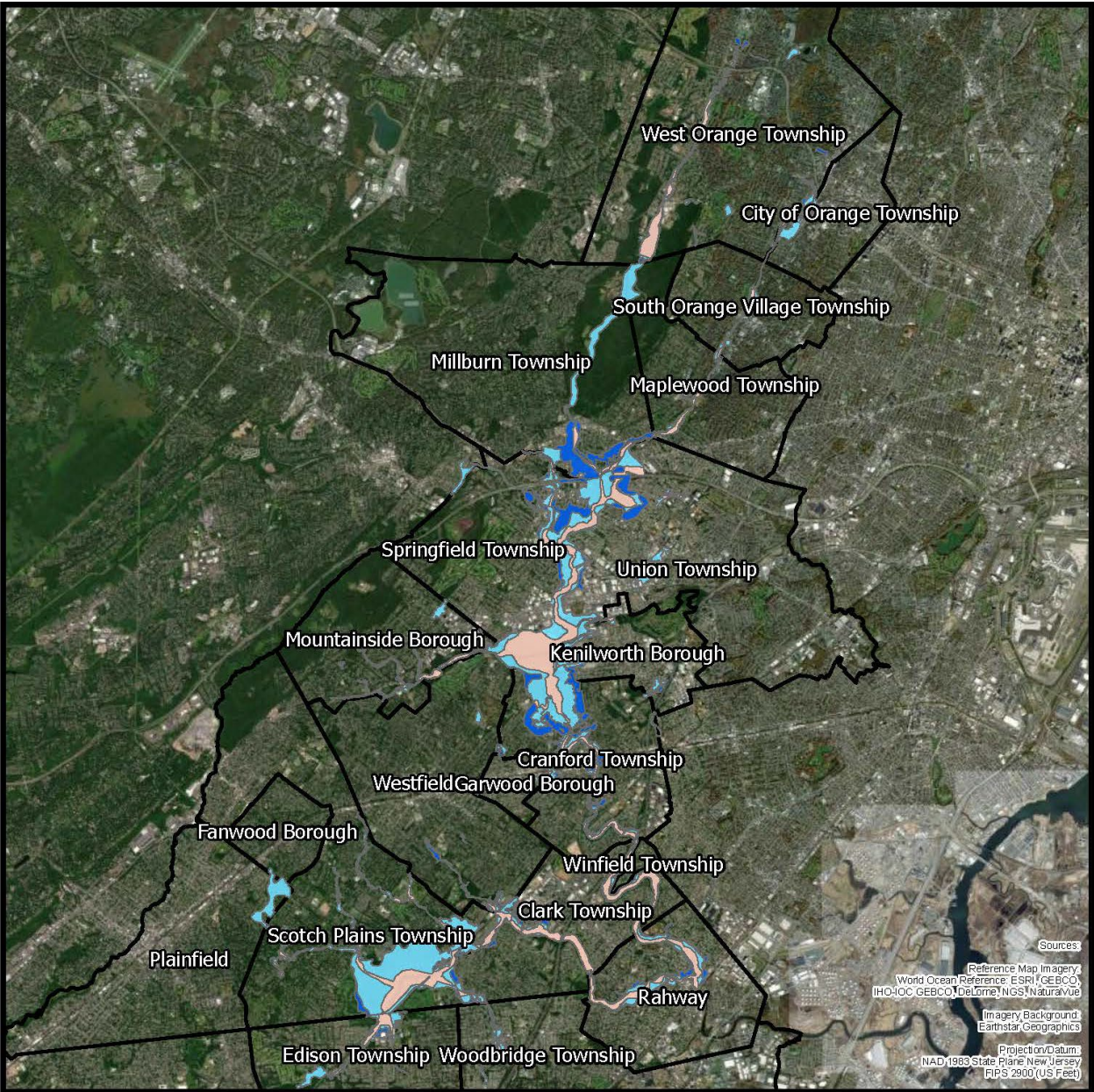
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

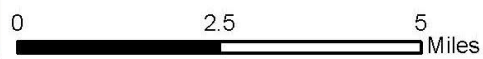
Enclosure 1: Map of the Study Area



Sources:
 Reference Map Imagery:
 World Ocean Reference: ESRI, GEBCO,
 IHO+OC, GEBCO, DeLorme, NGS, NaturalVue
 Imagery Background:
 Earthstar Geographics
 Projection/Datum:
 NAD 1983 State Plane New Jersey
 FIPS 2900 (US Feet)



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

Rahway Fluvial, Municipalities, and Floodplains



U.S. ARMY CORPS OF ENGINEERS
 NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drovers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Carol Tener
Westfield Historic Preservation Commission
425 East Broad Street
Westfield, NJ 07090

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Tener,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

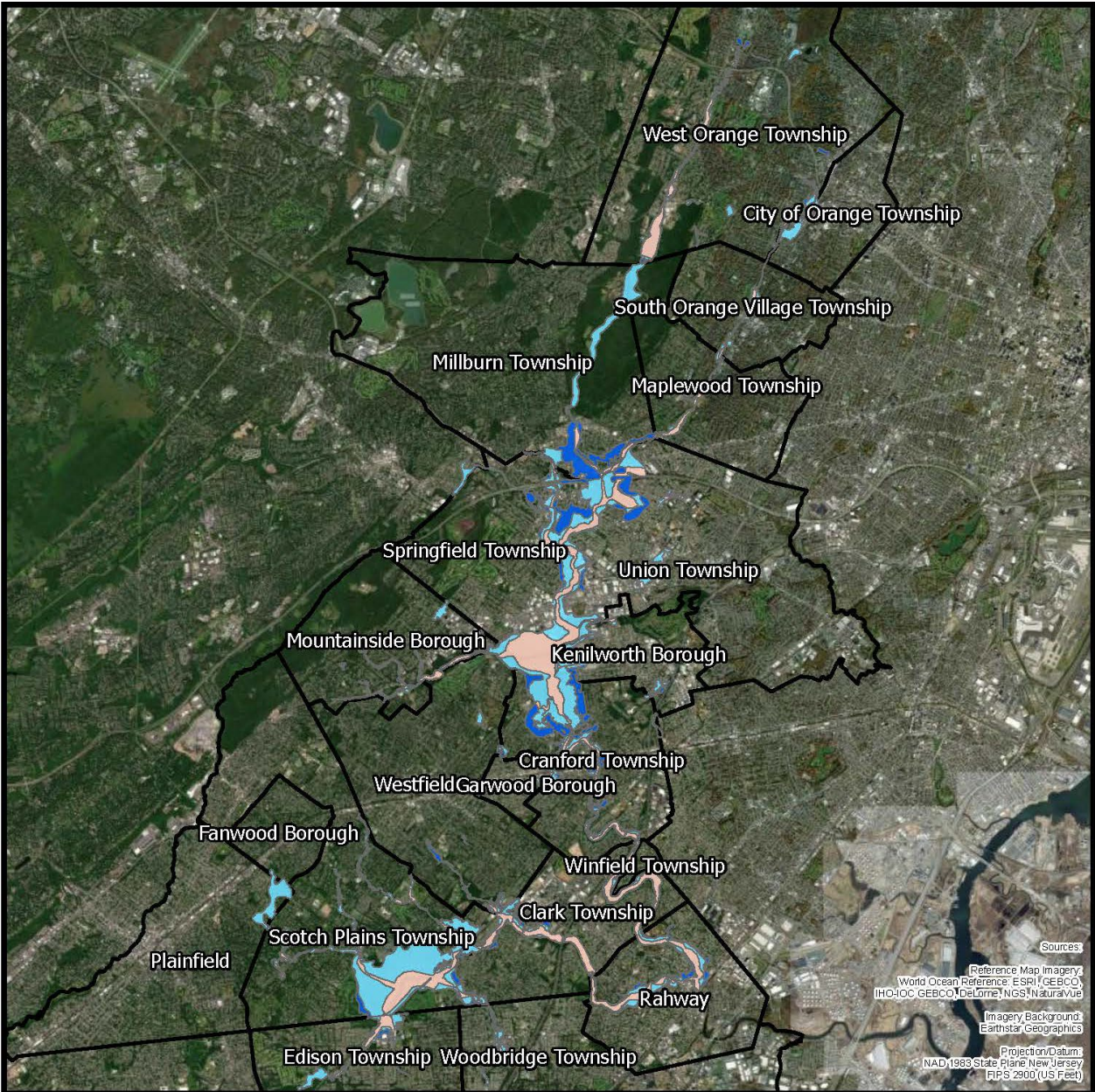
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

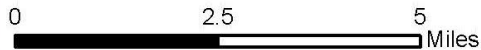
Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



-  Impacted Municipalities
-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

Rahway Fluvial, Municipalities, and Floodplains



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278-0090

September 13, 2023

Planning Division
Environmental Analysis Branch

Dolores Capraro Gioffre
Woodbridge Historic Preservation Commission
582 Rahway Avenue
Woodbridge, New Jersey 07095

Subject: RAHWAY RIVER BASIN FLOOD RISK MANAGEMENT STUDY

Dear Ms. Gioffre,

The U.S. Army Corps of Engineers, New York District (District) is resuming the Rahway River Basin Flood Risk Management Feasibility Study (Study) the purpose of which is to identify solutions to repetitive flooding problems within the Rahway River Basin in affected portions of Essex and Union Counties. An Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) to evaluate environmental impacts related to any proposed undertaking. In accordance with Section 106 (54 U.S.C. Section 306108) of the National Historic Preservation Act (NHPA) of 1966, as amended, its implementing regulation 36 CFR Part 800, and the National Environmental Policy Act (NEPA), it is the District's intent to inform you of the nature of this Study and plans to assess potential effects to cultural resources.

The District has been investigating flood risk management solutions for the study area since 1999. In 2016, the District released a Draft Integrated Feasibility Report and Environmental Impact Statement which recommended flood risk management solutions for portions of the study area consisting of modification to the Orange Reservoir Dam and non-structural solutions (elevation of homes and buyouts) along the Robinson's Branch. As part of the study the District conducted preliminary investigations to identify cultural resources, carried out consultation with relevant stakeholders, and prepared a Programmatic Agreement (PA) to address potential adverse effects to cultural resources, however the PA was not executed. Following the release of the draft report the study was transferred to the New England District and their Dam Safety Production Center to address concerns raised regarding forecast-based operation of the Orange Reservoir Dam. In 2019, after additional analysis, the study was terminated. In the Water Resources Development Act of 2020 Congress directed the District to restart the study to take another look at potential flood risk management solutions for the area. The District executed an agreement with the New Jersey Department of Environmental Protection (non-federal sponsor) to resume the study in February of 2023.

The current study area includes the City of Rahway, Borough of Garwood, Town of Westfield, and Townships of Cranford, Maplewood, Millburn, and Union (Enclosure 1). The Study will revisit previously analyzed flood risk management measures as well as new measures. In May of 2023 the District and the New Jersey Division of Resilience,

Engineering, and Construction held a two-day meeting with officials from affected municipalities to discuss flood damages that have occurred within the region since the 2016 feasibility study, to revisit previous alternatives, and to discuss potential new flood risk management alternatives. Based on that meeting, alternatives to be evaluated in this study resumption include the following:

Alternative 1: No Action

Alternative 2: Large scale detention within the South Mountain Reservation

Alternative 3: Combination Plan consisting of targeted channel modification, floodwalls, buyouts, and localized detention

Alternative 4: Nonstructural plan consisting of acquisition, relocation, elevation, and floodproofing

The proposed Project is an undertaking as defined in 36 Code of Federal Regulations (CFR) § 800.16(y) and is subject to Section 106 of the NHPA and its implementing regulations at 36 CFR § 800. In accordance with Section 106 of the NHPA and NEPA the District will be conducting an evaluation of the Area of Potential Effect (APE) for each of the proposed alternatives to identify cultural resources that may be affected by the Study directly and indirectly. The District is planning to carry out its Section 106 compliance activities through use of the NEPA process as described in 36 CFR 800.1(c).

This letter serves as an invitation to participate as a Consulting Party (CP) for this project under 36 CFR § 800.3(f)(2). In addition to your office, the District is coordinating with the NJ Historic Preservation Office (NJHPO), the Delaware Tribe of Indians, the Delaware Nation, and the Shawnee Tribe of Oklahoma. The District has also developed a list of historical societies and local and municipal groups to invite in the consultation process (Enclosure 2). We encourage your feedback on this list and invite you to recommend additional CPs with whom we should initiate consultation.

Please review the attached and provide a response within thirty days of receipt of this letter if you would like to participate as a consulting party on this study. The District also welcomes any comments or information pertaining to historic properties within your area of concern that you wish to provide at this time. Information will be sent out in the coming months regarding opportunities to participate and provide feedback as the study progresses including public information meetings. If we can provide any assistance or additional information at this time that would aid in your review, please contact Kailey Loughran, Project Archaeologist, at Kailey.R.Loughran@usace.army.mil or 917-790-8706. Thank you for your assistance with this Study.

Sincerely,

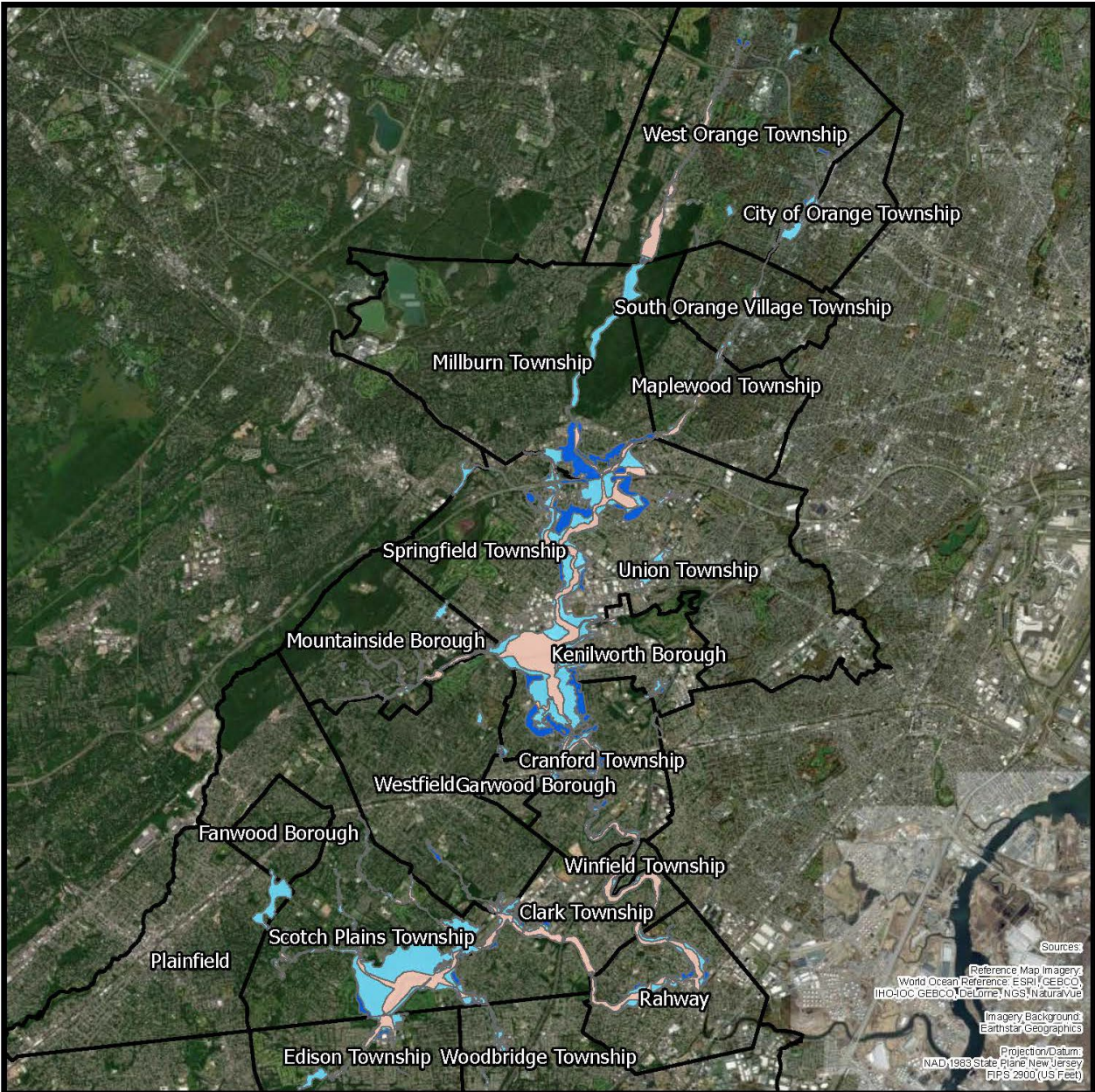
Peter M. Wepler
Chief, Environmental Analysis Branch

Enclosures

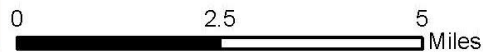
Enclosure 1: Map of the Study Area

Enclosure 2: List of Potential Consulting Parties (CPs)

Enclosure 1: Map of the Study Area



- Impacted Municipalities
- 0.2% Annual Chance Flood Hazard
- 1% Annual Chance Flood Hazard
- Regulatory Floodway



RAHWAY FLUVIAL RIVER BASIN

Rahway Fluvial, Municipalities, and Floodplains



U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

Enclosure 2: List of Potential Consulting Parties (CPs)

Consulting Party	Point of Contact (POC)	Address
Cranford Historic Preservation Advisory Board	Steve Saltzman	220 Walnut Ave, Cranford, NJ 07016
Cranford Historical Society	Margaret Gerlach	38 Springfield Ave Cranford, NJ 07016
Dr. William Robinson Plantation Museum	Scott McCabe	593 Madison Hill Road Clark, NJ 07066
Fanwood Historic Preservation Commission	Joan Skubish	75 N. Martine Avenue Fanwood, NJ 07023
Historic Society of Elizabeth	Ceil Mantia	1045 East Jersey Street Suite #101 Elizabeth, NJ 07201
Maplewood Historic Preservation Commission	John Gordon	574 Valley Street Maplewood, NJ 07040
Merchants and Drivers Tavern Museum	Alex Shipley	PO Box 1842 Rahway, NJ 07065
Millburn Historic Preservation Commission	Alison Canfield	375 Millburn Avenue Millburn NJ 07041
New Jersey Historical Commission	Sara Cureton	PO Box 305 Trenton, NJ 08625
New Jersey Historical Society	Steven Tettamanti	52 Park Place Newark, NJ 07102
New Jersey Historic Trust	Dorothy Guzzo	PO Box 457 Trenton, NJ 08625
New Jersey State Museum	Gregory Lattanzi	PO Box 530 Trenton, NJ 08625
Rahway River Association	Clea Carchia	PO Box 1101 Rahway, NJ 07065
The Land Conservancy of New Jersey	David Epstein	19 Boonton Avenue Boonton, NJ 07005
Union County – Cultural & Heritage Affairs	Kathy Kakalettris	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Union County – Parks and Recreation	Victoria Durbin-Drake	10 Elizabethtown Plaza, Elizabeth, NJ 07202
Westfield Historic Preservation Commission	Carol Tener	425 East Broad Street Westfield, NJ 07090
West Orange Historic Preservation Commission	Tammy Williams	66 Main Street West Orange, NJ 07052
Woodbridge Historic Preservation Commission	Dolores Capraro Gioffre	582 Rahway Avenue, Woodbridge, NJ 07095

Appendix A.1

Responses

From: West-Rosenthal, Jesse [DEP] <Jesse.West-Rosenthal@dep.nj.gov>

Sent: Thursday, August 17, 2023 3:20 PM

To: Loughran, Kailey R CIV USARMY CENAN (USA) <Kailey.R.Loughran@usace.army.mil>

Subject: [Non-DoD Source] Rahway River Basin Flood Risk Management Feasibility Study (HPO Project # 13-0094)

HPO Project # 13-0094-8

HPO-H2023-156

**Essex and Union Counties
Rahway River Basin Flood Risk Management Feasibility Study
United States Department of the Army, Corps of Engineers**

Hi Kailey,

Thank you for providing the Historic Preservation Office (HPO) the opportunity to review and comment on the potential for the above-referenced undertaking to affect historic properties. The HPO looks forward to further consultation with United States Department of the Army, Corps of Engineers, as this undertaking moves forward. In addition to the Consulting Parties provided in your July 18, 2023, consultation letter, the HPO recommends the inclusion of the following entities:

- Maplewood Historic Preservation Commission
- Milburn Historic Preservation Commission
- West Orange Historic Preservation Commission
- Fanwood Historic Preservation Commission

Each of these entities represent members of the Certified Local Government (CLG) program within the area of potential effects for the proposed undertaking. The CLG program offers municipalities the opportunity to participate more directly in state and federal historic preservation programs. Participation in the CLG program requires that a municipality have a historic preservation ordinance and a historic preservation commission conforming to the specifications of both the Municipal Land Use Law and the National Park Service approved New Jersey Certified Local Government Guidelines.

Thank you for providing this opportunity to comment on this project. If additional consultation with the HPO is needed for this undertaking, please reference the HPO project number **13-0094** in any future calls, emails, submissions, or written correspondence to help expedite your review and response. If you have any questions, please feel free to contact me at jesse.west-rosenthal@dep.nj.gov.

Take Care,
Jesse

Jesse West-Rosenthal, Ph.D.

Program Specialist 2

Historic Preservation Office

NJ Department of Environmental Protection

501 East State Street, Trenton, NJ 08625

jesse.west-rosenthal@dep.nj.gov

T (609) 984-6019 | F (609) 984-0578



From: Daniel Bernier <dbernier@ucnj.org>

Sent: Thursday, September 14, 2023 12:04 PM

To: Loughran, Kailey R CIV USARMY CENAN (USA) <Kailey.R.Loughran@usace.army.mil>

Cc: Victoria Durbin <vdurbin@ucnj.org>; 'Carissa Scarpa' <carissa.scarpa@gmail.com>

Subject: [Non-DoD Source] RE: Request for Review and Comment - USACE Flood Risk Management Study

Kailey,

I will be your point of contact on this project for the Union County Department of Parks & Recreation. I have worked with USACE on several projects in the past, most recently on the Green Brook Flood Control Project.

Feel free to contact me by phone or email.

Thanks,

Dan

Daniel J. Bernier, Director
Division of Park Environmental Services
Union County Department of Parks & Recreation
2325 South Avenue
Scotch Plains, NJ 07076
Office - (908) 789-3682
Fax - (908) 789-3674
e-mail - dbernier@ucnj.org



Before printing this e-mail ask yourself if it is necessary:)

From: Laserfiche Notification <donotreply@laserfiche.com>

Date: Wednesday, Aug 30, 2023 at 3:47 PM

To: Scarpa, Carissa A CIV USARMY CENAN (USA) <Carissa.A.Scarpa@usace.army.mil>

Subject: [Non-DoD Source] Section 106 Consultation - Rahway River Basin Flood Risk Management Feasibility Study

This email is in response to Rahway River Basin Flood Risk Management Feasibility Study. The project is out of the Shawnee Tribe's area of interest. If you have any questions, you may contact me via email at Section106@shawnee-tribe.com.

Thank you for giving us the opportunity to comment on this project.

Sincerely,



Erin Paden

TRIBAL HISTORIC PRESERVATION
SPECIALIST

Office: (918) 542-2441, x140

Email: epaden@shawnee-tribe.com

29 S Hwy 69A

Miami, OK 74354

shawnee-tribe.com

From: Lattanzi, Gregory [DOS] <Gregory.Lattanzi@sos.nj.gov>

Sent: Thursday, September 14, 2023 9:15 AM

To: Loughran, Kailey R CIV USARMY CENAN (USA) <Kailey.R.Loughran@usace.army.mil>

Subject: [Non-DoD Source] RE: Request for Review and Comment - USACE Flood Risk Management Study

Kailey,

Thank you for the letter. I will let you know if I have any concerns.

Best, Gregory



Gregory D. Lattanzi, Ph.D. (he/him/his)
Curator / State Archaeologist
Bureau of Archaeology & Ethnography
Gregory.Lattanzi@sos.nj.gov
Phone: 609.984.9327
Fax: 609.292.7636

PO Box 530
205 West State Street
Trenton, NJ 08625-0530
www.statemuseum.nj.gov
<https://orcid.org/0000-0002-7767-6389>

From: Alemy, Alexis [DCA] <Alexis.Alemy@dca.nj.gov>

Sent: Friday, September 29, 2023 10:45 AM

To: Loughran, Kailey R CIV USARMY CENAN (USA) <Kailey.R.Loughran@usace.army.mil>

Subject: [Non-DoD Source] RE: Request for Review and Comment - USACE Flood Risk Management Study

Good morning Kailey,

The New Jersey Historic Trust would like to be kept updated regarding this project. Please let me know of upcoming meetings and developments.

Thanks very much,
Alexis



Alexis Alemy

Historic Preservation Specialist 1 / Archaeologist
(609) 913-4442 | Alexis.Alemy@dca.nj.gov

From: Nancy Price <price_211@msn.com>

Sent: Monday, October 2, 2023 9:28 AM

To: Cranford HPAB <preservecranford@yahoo.com>; Loughran, Kailey R CIV USARMY CENAN (USA) <Kailey.R.Loughran@usace.army.mil>; shsaltzman@gmail.com; Jeff Pistol <pistoljp@gmail.com>

Subject: [Non-DoD Source] Re: Request for Review and Comment - USACE Flood Risk Management Study

Dear Ms. Loughran,

The Cranford Twp. Historic Preservation Advisory Board is most definitely interested in participating as a Consulting Party for the Rahway River Basin Flood Risk Management project under 36 CFR 800.3(f)(2).

We look forward to hearing from you regarding this most important matter.

Sincerely,

Steve Price

Chair, Cranford Twp. Historic Preservation Advisory Board