

**ENVIRONMENTAL ASSESSMENT  
FOR  
SECTION 219, WRDA 1992, As Amended  
ENVIRONMENTAL INFRASTRUCTURE PROJECT  
WATER MAIN IMPROVEMENTS FOR  
RIGHTON PARK, COOK COUNTY, ILLINOIS**

April 16, 2015

U.S. Army Corps of Engineers  
Chicago District, Planning Branch  
231 South LaSalle Street, Suite 1500  
Chicago, Illinois 60604

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## SECTION 1 PURPOSE AND NEED

### PURPOSE

The proposed project would replace 1,540 linear feet of existing deteriorated water main within the Village of Richton Park, Cook County, Illinois. Water main replacement would alleviate the commonly occurring breaks affecting homes in a residential area within the village. Water main replacement would improve both the water supply reliability to a residential area and end periodic basement flooding caused by the leaking water main.

### NEED FOR ACTION

The deteriorating condition of the Richton Park water main system makes residential water flow unreliable. Breaks along the line are a common occurrence. Not only do these breaks affect water flow, but the resulting leakage also causes periodic basement flooding.

### AUTHORITY

The study was authorized under Section 219 of the Water Resources Development Act of 1992, as amended by Section 504 of the Water Resources Development Act of 1996, Section 502 of the Water Resources Development Act of 1999, Section 108 of the Consolidated Appropriations Act of 2001, Section 145 of the Energy and Water Appropriations Act of 2004, and Sections 5075 and 5158 of the Water Resources Development Act of 2007, which authorizes the Army Corps of Engineers to provide planning, design, and construction assistance for water-related environmental infrastructure projects.

### LOCAL SPONSOR

The project's non-Federal sponsor is the Village of Richton Park.

## SECTION 2 ALTERNATIVES, INCLUDING THE RECOMMENDED PLAN

There are 3 alternative plans considered to address the water main problems in Richton Park, Illinois..

1. **No Action Plan** - Under this alternative, no changes would be made to repair the water main system in Richton Park. The water system will remain unreliable and the deteriorating pipes will continue to break and leak, and the commonly reoccurring cases of basement flooding will continue in the village.
2. **Lining of Water Main Plan** - A total of 1,540 linear feet of existing 6 inch water main would be relined in place. This would address the commonly occurring breaks and leakage in Richton Park, but water main capacity would be reduced to an unacceptable level. The cost of relining would also be prohibitive for the village.
3. **Replacement of Water Main Plan** - A total of 1,540 linear feet of existing 6 inch water main would be replaced with 8 inch water main. This would alleviate both the

commonly occurring water main breaks and resulting leakage into residential basements. Depending on available funds, an additional 750 linear feet of existing 6 inch water main would be replaced with 8 inch water main along Camden Court and tie into the new 8 inch water main along Balmoral Drive.

## RECOMMENDED PLAN

**Replacement of Water Main Plan** – A total of 1,540 linear feet of existing 6 inch water main would be replaced with 8 inch water main. This would alleviate both the commonly occurring water main breaks and resulting leakage into residential basements. Depending on available funds, an additional 750 linear feet of existing 6 inch water main would be replaced with 8 inch water main along Camden Court and tie into the new 8 inch water main along Balmoral Drive.

Benefits of the recommended alternative include a more reliable water supply to village residents, a reduction of the recurring cases of basement flooding caused by leaking water mains along with the potential to supply a greater volume of water. The recommended plan is also currently the most cost effective plan to restore a reliable water supply to this residential area.

Work would begin in 2015 with completion anticipated in approximately 12 months.

## COMPLIANCE WITH ENVIRONMENTAL PROTECTION STATUTES, EXECUTIVE ORDERS AND REGULATIONS

The proposed action is in full compliance with appropriate statutes, executive orders and regulations, including the National Historic Preservation Act of 1966, as amended, Fish and Wildlife Coordination Act, as amended, Endangered Species Act of 1973, as amended, Section 10 of Rivers and Harbors Act of 1899, Clean Air Act, as amended, Illinois Endangered Species, National Environmental Policy Act of 1969, as amended, Executive Order 12898 (Environmental Justice), Executive Order 11990 (Protection of Wetlands), Executive Order 11988 (Floodplain Management), and the Clean Water Act, as amended.

## SECTION 3 AFFECTED ENVIRONMENT

### PROJECT AREA

The project area lies approximately 23 miles south of Lake Michigan, and consists of the NW ¼ of Sec 27 T 36N & R 31W of the 2<sup>nd</sup> principal meridian, and is shown on the Steger (Illinois) USGS 7.5" topographic quadrangle map.

The proposed project will replace approximately 1,540 linear feet of existing 6 inch water main with 8 inch water main. The work would be done in an existing utility right-of-way in Richton Park.

Traffic disruption will be kept to a minimum however most of construction is occurring within the existing street right-of-way or utility easements.

### AIR AND WATER QUALITY

Air and water quality in the project area are typical of what would be expected in a densely populated area. Air quality is categorized as moderate to good. Most of the impacts to air quality in this area are due to the large number of cars and trucks driven on the extensive road system in the Chicago metropolitan area. Ground water quality within the project area does not meet applicable water quality standards because of presence of numerous previously utilized private septic systems..

## AQUATIC COMMUNITIES

There are no aquatic communities present in the planned project locations. Glaeser Creek is located to the west of the project area. This waterway supports a number of species typical of creeks in northern Illinois.

## TERRESTRIAL COMMUNITIES

Richton Park provides suitable habitat for common “urban” wildlife species, including fox and gray squirrel, opossum, cottontail rabbit, striped skunk, mice, red fox, bats, and eastern moles. Typical resident birds include English sparrow, starling, robin, herring gull, Canada geese, mallard, pigeon, cardinal, chickadee, red winged blackbird, purple martin, grackle, and blue jay.

Vegetation within the Richton Park project area contains mowed grass lawns, shrubs, and a variety of tree species include maple, green ash, mulberry, box elder, honey locust, crabapple, and cottonwood, as well as some remaining agricultural land.

The proposed construction zone contains no particularly valuable wildlife habitat.

## NATURAL AREAS

The Thorn Creek Forest Preserve and the Sauk Trail Forest Preserve are both located approximately 3 miles south east of Richton Park. These open spaces provides a range of habitats, along with resting and feeding areas for a variety of wildlife, including a large number of migratory birds during spring and fall migrations.

## THREATENED AND ENDANGERED SPECIES

The project area is suburban residential. It is within the range of the federally endangered Indiana Bat (*Myotis sodalists*), the proposed endangered northern long-eared bat (*myotis septentrionalis*) the Karner blue butterfly (*Lycæides Melissa samuelis*), the threatened Pitcher’s thistle (*Cirsium pitcheri*), and Mead’s milkweed (*Asclepias meadii*).. However, the project area contains no habitat likely to be used by threatened or endangered species.

## ARCHEOLOGICAL AND HISTORIC PROPERTIES

The Village of Richton Park is located approximately 23 miles south and west of Chicago, Illinois in southern Cook County, Illinois. Surrounding communities include the Villages of Park Forest, Matteson, and Olympia Fields.

There are no structures within the Village of Richton Park listed on the National Register of Historic Places.

The proposed project is within located within existing street right-of-way and utility easements. The surrounding area has been disturbed by filling, grading, and utility construction. It contains no intact archaeological material.

## LAND USE HISTORY

In the late 1840s German migrants began moving into the area and starting farms. The first settlement at this time was known as Thorn Creek.

After the arrival of the Illinois Central Railroad in 1852, developers established a depot and platted a small agricultural village. In 1926, the Illinois Central Railroad electrified its suburban lines, with Richton as the last stop. At this time local residents incorporated the village, re-naming it Richton Park. Richton Park remained a tiny community surrounded by farms focused on the growing of asparagus.

When Chicago's suburban sprawl finally pushed into the area in the late 1960s and 1970s, the village's population boomed as it annexed new housing developments. Richton Park now primarily serves as a commuter community for people working in Chicago.

## SOCIAL SETTING

Richton Park has an ethnically and racially diverse population of approximately 13,765 (2014). Median household income is \$57,776.00 (2014). Median home value is \$144,091 (2014).

## RECREATION

There are 9 parks in the Richton Park park system. These parks provide baseball diamonds, soccer fields, basketball, and picnic area. Richton Park Parks and Recreation also operates the Heartland Basketball Complex.

## HAZARDOUS, TOXIC AND RADIOACTIVE WASTE (HTRW) INVESTIGATION

An HTRW Phase I investigation will be conducted, and is expected to reveal that no known potential environmental issues exist within the project area.

# **SECTION 4 ENVIRONMENTAL CONSEQUENCES**

## IMPACTS OF “NO ACTION” PLAN

The “no action” plan would result in no additional impacts but the negative impacts associated with the leaks from the existing 6 inch water main would continue. The water supply system would remain unreliable, and the continual water main breaks and leaks would be detrimental to the local quality of life.

## GENERAL IMPACTS (SECTION 122 OF PUBLIC LAW 91-611) OF THE PROPOSED PLAN

Section 122 of Public Law 91-611 identified 17 potential areas of impact that are required to be considered as part of an impact analysis of proposed projects. The proposed plan would not

adversely affect community cohesion, desirable community growth, tax revenues, property values, public services, or desirable regional growth. No farms, people, industry or businesses would be displaced. Impacts of the remaining areas follow:

### Social Impacts

Project impacts on natural resources, man-made resources, and employment will be temporary. Employment could increase slightly during construction, and the region's labor force should be sufficient to provide the necessary workers. There will be no significant adverse effect to public facilities. During construction, increased traffic congestion would be localized and intermittent. Any aesthetic degradation would be temporary. The project would have no significant adverse impact on human health or welfare or to private water supplies. Impacts to municipal water supplies will be beneficial.

### Air Quality Impacts

The proposed action would cause temporary increases in exhaust emissions from machinery and equipment during construction. These impacts would be minimal because of emission and dust controls required by the U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, and local restrictions. The Corps of Engineers specifications (CW-04130 Construction Specifications for Environmental Protection, July 1978) are included in contracts to provide protection for the local environment. In regard to the Clean Air Act, construction and operation of the project would not result in significant or long-term adverse impacts to air quality. The project would involve only a de minimis discharge of airborne pollutants, and is therefore in compliance with the Clean Air Act Conformity Rule.

### Noise Impacts

The proposed action will cause temporary increases in noise from machinery and equipment during construction. These impacts will be temporary and will not result in significant or long-term adverse impacts.

### Water Quality Impacts

The project will have a significant beneficial long-term impact on the quality of water in the community. Water main replacement will significantly reduce leakage in the system, thereby improving residential water flow reliability. Reduction of water main leakage will also significantly decrease basement flooding in residential areas.

Section 10 of the Rivers and Harbors Act of 1899 does not apply since there is no construction or placement of fill within navigable waters. The project will not involve any new discharge to the waters of the United States, therefore Section 401 water quality certification is not required and no Section 404(b)(1) evaluation has not been prepared pursuant to the Clean Water Act.

Executive Order 11988 (Floodplain Management) - The project will not promote development in the floodplain.

The project will have no significant long-term adverse impacts on the quality of water in any of the tributaries to Lake Michigan. The project would comply with all applicable water quality standards.

Although this project is located within the boundaries of the Lake Michigan Coastal Program (LMCP), it is exempt from Federal Consistency (FC) review under Section D, Exempt Activities as defined by the Indiana LMCP FC Nonrule Policy Document.

## ENVIRONMENTAL JUSTICE

Executive Order 12898 (Environmental Justice) - An investigation of the Environmental Protection Agency website (March 3, 2015) indicates that although minority and low-income populations are near the project area, this project will not have an adverse effect on any low-income populations or minority populations in Richton Park..

## AQUATIC IMPACTS

Fish and Wildlife Coordination Act - The project will have no negative impact on aquatic wildlife or habitat. The U. S. Fish and Wildlife Service have concurred with this determination in a letter dated April 3, 2013. The Illinois DNR has also concurred with this determination in a letter dated April 1, 2015.

Executive Order 11990 (Protection of Wetlands)-The project will have no impact on wetlands.

Executive Order 11988 (Floodplain Management)- The project area is not in the flood plain and therefore the project will not promote development in the floodplain.

## TERRESTRIAL IMPACTS

The project would not have an adverse impact on any valuable wildlife or habitat. The Illinois DNR has concurred with this determination (letter dated April 1, 2015). The U.S. Fish and Wildlife Service has also concurred with this determination (letter dated April 3, 2015).

## THREATENED AND ENDANGERED SPECIES IMPACTS

Illinois Endangered Species -The project would not affect state-listed threatened or endangered species, or habitat likely to be used by such species. The State of Illinois has been contacted and has concurred with this determination in a letter dated April 1, 2015.

Endangered Species Act of 1973-The project will not affect Federal-listed, threatened, or endangered species, or habitat likely to be used by such species; the U. S. Fish and Wildlife Service has concurred with this determination (letter dated April 3, 2015).

## ARCHAEOLOGICAL AND HISTORIC IMPACTS

National Historic Preservation Act of 1966 - The proposed construction would have no adverse affect on archaeological or historic properties. The Illinois SHPO has concurred with this determination (letter dated March 20, 2015).

Native American groups having an interest in northwestern Indiana have been consulted (letters dated March 12, 2015).

## HTRW IMPACTS

A Phase I HTRW investigation will be conducted, and is expected to reveal that no known potential environmental issues exist within the project area.

## CUMULATIVE EFFECTS

### ASSESSMENT OF CUMULATIVE EFFECTS

Consideration of cumulative effects requires a broader perspective than examining just the direct and indirect effects of a proposed action. It requires that reasonably foreseeable future impacts be assessed in the context of the past and present effects to important resources. Often it requires consideration of a larger geographic area than just the immediate “project” area. One of the most important aspects of cumulative effects assessment is that it requires consideration of how actions by others (including those actions completely unrelated to the proposed action) have and will affect the same resources. In assessing cumulative effects, the key determinant of importance or significance is whether the incremental effects of the proposed action will alter the sustainability of resources when added to other present and reasonably foreseeable future actions.

Cumulative environmental effects for the proposed infrastructure project were assessed in accordance with guidance provided by the President’s Council on Environmental Quality (USEPA, EPA 315-R-99-002, May 1999). This guidance provides an eleven-step process for identifying and evaluating cumulative effects in NEPA analysis.

The overall cumulative impact of the project is considered to be beneficial environmentally, socially, and economically.

### SCOPING

The cumulative effects issues and assessment goals are established in this environmental assessment, the spatial and temporal boundaries are determined, and reasonably foreseeable future actions are identified. Cumulative effects are assessed to determine if the sustainability of any of the resources are adversely affected with the goal of determining the incremental impact to key resources that would occur should the proposal be permitted. The spatial boundary for the assessment encompasses the parkland and the associated facilities and surrounding streets served by the infrastructures to be improved. The temporal boundaries are:

1. Past-1840, when settlement and development of the area began.
2. Present-2015, when the selection plan was being developed.
3. Future-2065, the year used for determining the end of project life

Projecting reasonably foreseeable future actions is difficult at best. Clearly, the proposed action is reasonably foreseeable, however, the actions by others that may affect the same resources are not as clear. Projections of those actions must rely on judgment as to what are reasonable based on existing trends and where available, projections from qualified sources. Reasonably foreseeable does not include unfounded or speculative projections. In this case, reasonably foreseeable future actions include:

1. Increased growth in water consumption.
2. Continued conversion of agricultural and natural land to urban land use.
3. Continued application of environmental requirements such as the Clean Water Act.

### Cumulative Effects on geology and soils

The topography and soils of the area has been affected by filling, excavations, construction, and the burial of utilities. The proposed project would not alter soil chemistry.

### Cumulative Effects on Water Quality and Aquatic Communities

The project would have no adverse effects on water quality or aquatic communities in Glasear Creek or any of its tributaries. Long term adverse impacts to significant resources are not expected to occur.

### Cumulative Effect of Terrestrial Resources

Relatively small modifications for this project will have no long-term adverse or cumulative effects to terrestrial resources, plants or animals.

### Cumulative Effects on Land Use

The project will have no cumulative effect on land use.

### Cumulative Effects on Aesthetic Values

The project will have no cumulative adverse effects on the visual setting of the project area.

### Cumulative effects on Public Facilities

The project will have no long-term adverse effects on public facilities.

### Cumulative Effects Summary

Along with direct and indirect effects, cumulative effects of the proposed project were assessed following the guidance provided by the Presidents' Council on Environmental Quality (Table 1). There have been numerous effects to resources from past and present actions, and reasonably foreseeable future actions can also be expected to produce both beneficial and adverse effects. In this context, the effects of the proposed project are relatively minor.

Table 1 –Environmental Impact Summary

Potential Impact Area	Past Actions	Proposed Direct Impacts		Cumulative Impact
		Construction	Operation	
Geology & Soils	adverse	no impact	no impact	no impact
Hydrology	adverse	no impact	no impact	no impact
Water Quality	major adverse	no impact	no impact	no impact
Sediment Quality	major adverse	no impact	no impact	no impact
Aquatic Resources	major adverse	no impact	no impact	No impact
Terrestrial Resources	adverse	Minor temporary negative impact	no impact	no impact
Land Use	adverse	no impact	no impact	Beneficial
Aesthetics	no impact	no impact	no impact	no impact
Archaeology/Historic	no impact	no impact	no impact	no impact

## SECTION 5 COORDINATION

During preparation of this environmental assessment the following Federal and state agencies were consulted: U. S. Fish and Wildlife Service (USFWS), U. S. Environmental Protection Agency (USEPA), Indiana Department of Natural Resources (IDNR), Indiana Department of Environmental Management (IDEM), and the Indiana Historic Preservation Office (SHPO). Copies of coordination letters are attached to this assessment.

### RECIPIENTS

The following agencies, groups, and individuals received a copy of this environmental assessment:

U.S. Senator Dick Durbin  
230 S. Dearborn St.  
Suite 3892  
Chicago, IL 60604

U.S. Senator Dick Durbin  
711 Hart Senate Bldg.  
Washington, DC 20510

U.S. Senator Mark Kirk  
230 S. Dearborn St.  
Suite 3900  
Chicago, IL 60604

U.S. Senator Mark Kirk  
524 Hart Senate Office Bldg  
Washington, DC 20510

Congressman Bobby Rush  
3235 147<sup>th</sup> St.  
Midlothian, IL 60445-3656

Congressman Bobby Rush  
2188 Rayburn House Office Building  
Washington, DC 20515-1301

Governor Bruce Rauner  
Office of the Governor  
207 State House  
Springfield, IL 62706

Kenneth Westlake, Chief  
Environmental Review Branch  
U.S. EPA ME-19J  
77 West Jackson  
Chicago, IL 60604

US Fish and Wildlife Service  
Chicago Illinois Field Office  
1250 South Grove, Suite 103  
Barrington, Illinois 60010  
Attn. Louise Clemency

Todd Rettig  
Office of Resource Review  
Illinois DNR  
One Natural Resource Way  
Springfield, IL 62702-1271

IDNR, Office of Realty and Environmental Planning  
1 Natural Resource Way  
Springfield, IL 62702  
ATTN: Nathan, Grider

Illinois Hist. Pres. Agency  
1 Old State Capitol Plaza  
Springfield, IL 62701  
ATTN: Rachel Leibowitz

Illinois DNR/OWR  
160 N. LaSalle St,  
Suite S-700  
Chicago, Illinois 60601  
ATTN: Dan Injerd

Illinois DNR  
Illinois Coastal Management Program  
160 N. LaSalle St,  
Suite S-700  
Chicago, Illinois 60601  
ATTN: James Casey

Illinois EPA  
Water Pollution Division  
1001 N. Grand  
Springfield, IL 62794  
ATTN: Dan Heacock

Federal Aviation Administration  
Chicago Airports District Office, CHI-ADO-600  
2300 East Devon Avenue  
Des Plaines, Illinois 60018  
ATTN: Amy Hanson  
Environmental Specialist

Federal Aviation Administration  
Chicago Airports District Office, CHI-ADO-600  
2300 East Devon Avenue  
Des Plaines, Illinois 60018  
ATTN: Barry Cooper

Scott Beckerman, State Director  
TWS-Certified Wildlife Biologist(r)  
USDA APHIS Wildlife Services  
3430 Constitution Drive, Suite 121  
Springfield, Illinois 62711

## CORRESPONDENCE



**DEPARTMENT OF THE ARMY**  
 CHICAGO DISTRICT, U.S. ARMY CORPS OF ENGINEERS  
 231 SOUTH LA SALLE STREET, SUITE 1500  
 CHICAGO IL 60604

REPLY TO  
 ATTENTION OF

Planning Branch  
 Environmental Formulation Section

Kenneth Westlake, Chief  
 Environmental Review Branch  
 U.S. EPA ME-19J  
 77 West Jackson  
 Chicago, IL 60604

05 MAR 2015

Dear Mr. Westlake:

The Chicago District is preparing a National Environmental Policy Act (NEPA) document on the impacts of a water main restoration project in Richton Park, Cook County, Illinois. A deteriorating residential water main is to be replaced. As part of the scoping process the Chicago District would appreciate your comments on impacts or concerns associated with this project. Attached is a list of State and Federal Agencies and Tribal Nations receiving this request (enclosure 1). A map of the project area is attached (enclosure 2)

The project includes the replacement of 1,540 linear feet of a 70 year old deteriorating water main. The replacement water main will be increased in size from 6 inches to 8 inches.

Comments must be received within 30 days and should be sent to Peter Bullock, U.S. Army Corps of Engineers, 231 South La Salle Street Suite 1500, Chicago, Illinois 60604, or by email at peter.y.bullock@usace.army.mil. Questions should be directed to Mr. Bullock at 312/846-5587.

Enclosures as stated

Sincerely,

*18*

Susanne J. Davis, P. E.  
 Chief of Planning Branch

*5/6/2015*  
 Bullock PM-PL-E  
*3/24/2015*  
 Fleming-PM-PL-E

Ott PM

Davis PM-PL *STB 3/5/15*



FAX 217/524-7525

Cook County  
Richton Park  
Balmoral Street  
COEC  
Water main restoration

PLEASE REFER TO: IHPA LOG #003030915

March 20, 2015

Susanne Davis  
U.S. Army Corps of Engineers, Chicago District  
231 S. LaSalle St., Suite 1500  
Chicago, IL 60604

Dear Ms. Davis:

We have reviewed the documentation submitted for the referenced project(s) in accordance with 36 CFR Part 800.4. Based upon the information provided, no historic properties are affected. We, therefore, have no objection to the undertaking proceeding as planned.

Please retain this letter in your files as evidence of compliance with section 106 of the National Historic Preservation Act of 1966, as amended. This clearance remains in effect for two (2) years from date of issuance. It does not pertain to any discovery during construction, nor is it a clearance for purposes of the Illinois Human Skeletal Remains Protection Act (20 ILCS 3440).

If you are an applicant, please submit a copy of this letter to the state or federal agency from which you obtain any permit, license, grant, or other assistance.

Sincerely,

Rachel Leibowitz, Ph.D.  
Deputy State Historic  
Preservation Officer

---

1 Old State Capital Plaza  
Springfield IL 62701

ILLINOISHISTORY.GOV

**From:** [Casey, James](#)  
**To:** [Bullock, Peter Y LRC](#)  
**Subject:** [EXTERNAL] Richton Park water main restoration project  
**Date:** Sunday, March 29, 2015 12:09:33 PM

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Mr. Bullock,

Thank you for the letter dated March 5, 2015 concerning the above referenced project. I have reviewed the submittal and have determined that the project does not fall within the boundaries of the Illinois Coastal Management Program (ICMP) and therefore will not require an ICMP Federal Consistency Determination. This determination applies only to the ICMP and does not exempt you from obtaining any other required federal, state or local permits.

If you have any questions, feel free to contact me.

Sincerely,

James P. Casey  
Illinois Coastal Management Program  
160 N. LaSalle Street, Suite 5-703  
Chicago, IL 60601  
(312) 793-5947  
[james.casey@illinois.gov](mailto:james.casey@illinois.gov)



Illinois Department of  
**Natural Resources**

One Natural Resources Way Springfield, Illinois 62702-1271  
www.dnr.illinois.gov

Bruce Rauner, Governor  
Wayne A. Rosenthal, Director

April 01, 2015

Peter Bullock  
USACE, Chicago  
231 S. LaSalle St, Suite 1500

Chicago, IL 60604

**RE: Richton Park, Water Main Replacement Project**  
**Project Number(s): 1510729**  
**County: Cook**

Dear Mr. Bullock:

The Illinois Department of Natural Resources has reviewed the above-mentioned project and has no concerns or comments on the proposed work.

Please contact me if you have any questions regarding this review.

A handwritten signature in black ink that reads "Nathan Grider". The signature is written in a cursive style.

Nathan Grider  
Impact Assessment Section  
217-785-5500

**From:** [Cirton, Shawn](#)  
**To:** [Bullock, Peter Y LRC](#)  
**Cc:** [Louise Clemency](#)  
**Subject:** [EXTERNAL] Richton Park Water Main Replacement  
**Date:** Friday, April 03, 2015 4:23:14 PM

---

Peter,

We received your letter indicating that the Chicago District is preparing a National Environmental Policy Act (NEPA) document for the Richton Park Water Main Replacement Project. We are not aware of any particular issues that should be addressed during the scoping process regarding this project. We will plan to respond to your request to review the NEPA documents when they are complete.

Sincerely,

Shawn Cirton  
Fish and Wildlife Biologist  
USFWS - Chicago Illinois Field Office  
1250 South Grove Avenue, Suite 103  
Barrington, IL 60010  
(847)381-2253 xt.19  
(847)366-2345 (work cell)  
Wednesdays and Fridays - USACE - (312)846-5545  
<http://midwest.fws.gov/chicago>

**From:** [Amy.Hanson@faa.gov](mailto:Amy.Hanson@faa.gov)  
**To:** [Bullock, Peter Y LBC](#)  
**Subject:** [EXTERNAL] Water main restoration project in Richton Park, IL  
**Date:** Monday, April 06, 2015 10:56:59 AM

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Mr. Bullock,

The FAA has no comments on your proposed project to replace residential water main along Balmoral in Richton Park. Thank you for the opportunity to comment.

Amy Hanson  
Environmental Protect Specialist  
Chicago Airports District Office  
Federal Aviation Administration  
Work: 847-294-7354  
Cell: 847-571-3425

## TRIBAL LIST

Kickapoo Tribe of Oklahoma  
P.O. Box 70  
McCloud, OK 74851

Kickapoo Of Kansas  
1107 Goldfinch Rd.  
Horton, KS 66434

Kickapoo Tribe of Texas  
Box HC 1 9700  
Eagle Pass, TX 78853

Miami Nation in Indiana  
P.O. Box 41  
Peru, IN 46970

Miami Tribe of Oklahoma  
P.O. Box 1326  
Miami, OK 74355  
Attn: Mr. George Strack

Citizen Potawatomi Nation  
1901 S. Gordon Cooper Dr.  
Shawnee, OK 74801

Forest County Potawatomi Exec. Council  
P. O. Box 340  
Crandon, WI 54520

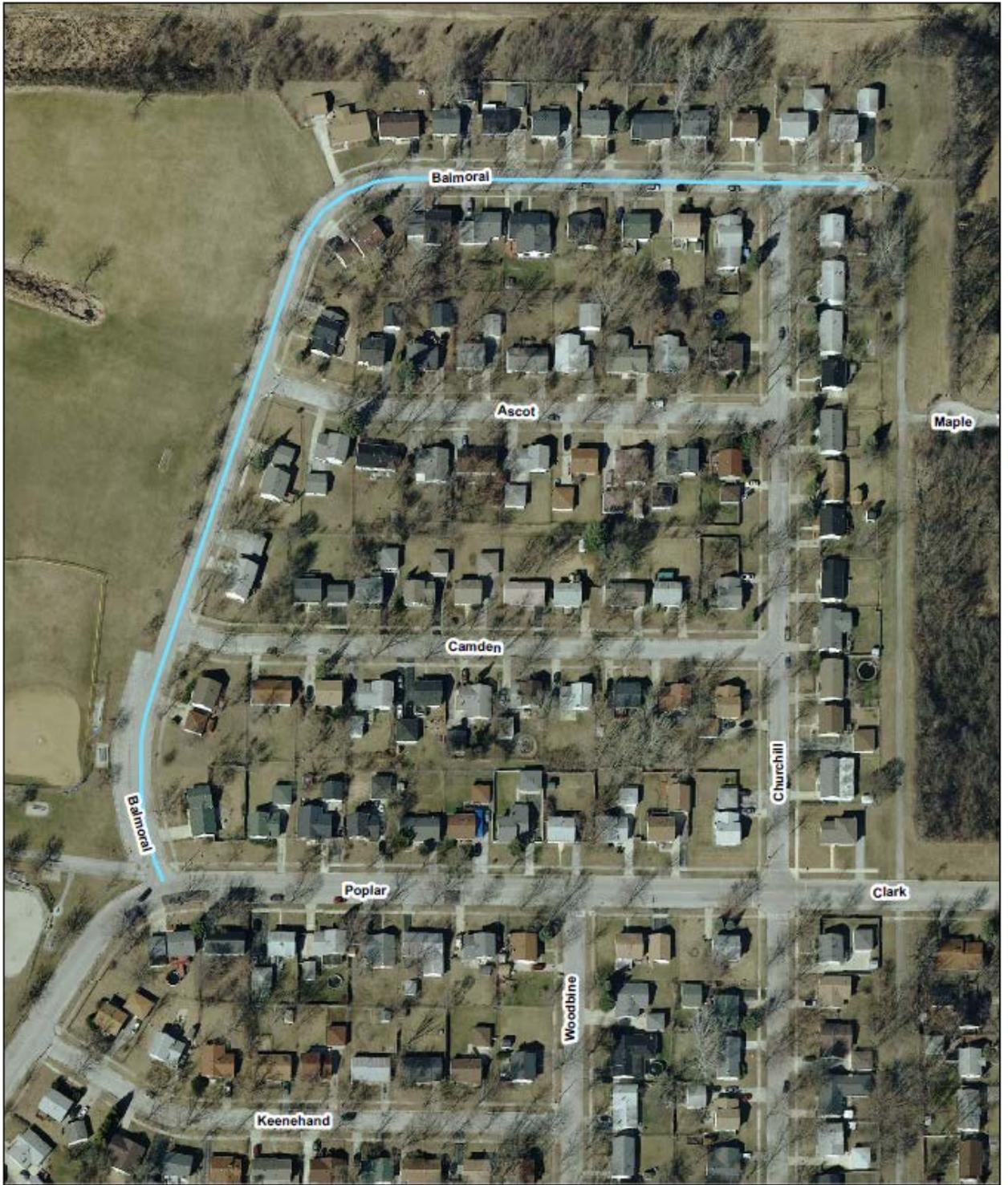
Nottawaseppi Huron Potawatomi Tribal Office  
2221 One-and-a-half Mile Rd.  
Fulton, MI 49052

Hannahville Potawatomi Comm., Council  
N 14911 Hannahville Road  
Wilson, MI 49896-9728

Prairie Band Potawatomi Tribal Council  
16281 Q RD  
Mayetta, KS 66509

Pokagon Band of Potawatomi Indians  
P.O. Box 180  
Dowagiac, MI 49047

**APPENDIX 1**  
**Project Map**



<p><b>Legend</b></p> <p> Propose Water Main Replacement</p>	<p></p> <p>1 inch = 150 feet</p>	<p><b>Richton Park</b> Water Main Replacement</p> <p>For Official Use Only March, 2015</p> <p></p> <p>Chicago District, U.S. Army Corps of Engineers</p>
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**DRAFT FINDING OF NO SIGNIFICANT IMPACT  
SECTION 219  
ENVIRONMENTAL INFRASTRUCTURE PROJECT  
WATER MAIN IMPROVEMENTS FOR  
RICHTON PARK, COOK COUNTY, ILLINOIS.**

**PURPOSE**

The proposed project would replace 1,540 linear feet of existing deteriorated water main within the Village of Richton Park, Cook County, Illinois. Water main replacement would alleviate the commonly occurring breaks affecting homes in a residential area within the village. Water main replacement would both improve water supply reliability to a residential area and end periodic basement flooding caused by the leaking main.

**AUTHORITY**

The study was authorized under Section 219 of the Water Resources Development Act of 1992, as amended. This authority allows the U.S. Army Corps of Engineers to provide planning, design, and construction assistance for water-related environmental infrastructure projects.

**PROJECT AREA**

The project is located in the Balmoral Street easement and right-of-way in Richton Park, Traffic disruption should be minimal allowing most area roads to remain open to local traffic.

**ALTERNATIVES CONSIDERED**

There are 3 alternative measures considered to address the water main problems in Richton Park, Illinois..

1. **No Action Plan**-Under this alternative, no changes would be made to repair the water main system in Richton Park. The water system will remain unreliable and the deteriorating pipes will continue to break and leak, and the commonly reoccurring cases of basement flooding will continue in the village.
2. **Lining of Water Main Plan** - A total of 1,540 linear feet of existing 6 inch water main would be relined in place. This would address the commonly occurring breaks and leakage in Richton Park, but water main capacity would be reduced to an unacceptable level. The cost of relining would also be prohibitive for the village.
3. **Replacement of Water Main Plan** - 1,540 linear feet of existing 6 inch water main would be replaced with 8 inch water main. This would alleviate both the commonly occurring water main breaks and resulting leakage into residential basements. Depending on available funds, an additional 750 linear feet of existing 6 inch water main would be replaced with 8 inch water main along Camden Court and tie into the new 8 inch water main along Balmoral Drive.

## RECOMMENDED PLAN

**Replacement of Water Mains-** A total of 1,540 linear feet of existing 6 inch water main would be replaced with 8 inch water main. This would alleviate both the commonly occurring water main breaks and resulting leakage into residential basements. Depending on available funds, an additional 750 linear feet of existing 6 inch water main would be replaced with 8 inch water main along Camden Court and tie into the new 8 inch water main along Balmoral Drive.

Benefits of the recommended alternative include a more reliable water supply to village residents, a reduction of the recurring cases of basement flooding caused by leaking water mains along with the potential to supply a greater volume of water. The recommended plan is also currently the most cost effective plan to restore a reliable water supply to this residential area.

## ENVIRONMENTAL COMPLIANCE

An Environmental Assessment was completed for the proposed environmental infrastructure project in Richton Park. A 30-day Public Review period for the Environmental Assessment was held from April 16, 2015-May 16, 2015. The proposed project is in full compliance with appropriate statutes, executive orders and U.S. Army Corps of Engineer regulations including the National Environmental Policy Act, as amended, the Endangered Species Act, as amended, the Fish and Wildlife Coordination Act, the National Historic Preservation Act, as amended, the Clean Air Act, as amended, Executive Order 12898 (Environmental Justice), Sections 401 and 404 of the Clean Water Act, as amended, and the Corps of Engineers Operational and Management regulations (33 CFR 335-338).

Along with direct and indirect effects, cumulative effects were assessed following the guidance provided by the Presidents' Council on Environmental Quality. The increment of effect from the proposed 219 project when compared to cumulative effects of past, present, and reasonably foreseeable future actions is considered minor.

## CONCLUSION

In accordance with the National Environmental Policy Act of 1969 and Section 122 of the Rivers and Harbors and Flood Control Act of 1970, the U. S. Army Corps of Engineers, Chicago District, has assessed the environmental impacts associated with the proposed infrastructure improvements in Richton Park, Illinois. The assessment process indicates that this project would not cause any significant effects on the quality of the human environment. Therefore, I have determined that an Environmental Impact Statement is not required.

Christopher T. Drew  
Colonel, U.S. Army  
District Commander

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DATE OF EXECUTION