

**ENVIRONMENTAL ASSESSMENT
FOR
SECTION 219, WRDA 1992, AS AMENDED
ENVIRONMENTAL INFRASTRUCTURE PROJECT
WATER MAIN REPLACEMENT FOR
CITY OF COUNTRY CLUB HILLS, COOK COUNTY, ILLINOIS**

August 2017

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 purpose of the proposed project is to upgrade approximately 3,050 LF of the water main system in the City of Country Club Hills, IL. It would include 950 LF of 6-inch diameter water main on Hawthorne Place between 175th Place and 177th Street; 2100 LF of 8-inch diameter water main on Cambridge Drive and 179th Street between Pulaski Avenue and Cedar Avenue; replacement of 60 residential water service connections; and replacement of 6 fire hydrants. Pavement restoration and tree replacement will also be included, if necessary. New water mains and valves will be made of materials that are resistant to corrosive soils.

NEED FOR ACTION

The City of Country Club Hills is experiencing frequent water main breaks resulting from naturally occurring corrosive chemicals in the surrounding soils.

AUTHORITY

The study was authorized under Section 219 of the Water Resources Development Act of 1992, as amended by Section 108 of the Consolidated Appropriations Act of 2001 and other acts, which allow 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 City of Country Club Hills, IL.

SECTION 2 ALTERNATIVES INCLUDING THE RECOMMENDED PLAN

There are 3 alternative measures considered to address the water main problem in Country Club Hills, IL.

1. **No Action Plan** - Under this alternative, no changes would be made to improve the water main system in these areas of Country Club Hills. The lack of an effective new system would continue to result in water main breaks caused by corrosive chemicals in the surrounding soils.

2. **Replacement under the Sidewalks Plan** – This alternative would include 950 LF of 6-inch diameter water main on Hawthorne Place between 175th Place and 177th Street; 2100 LF of 8-inch diameter water main on Cambridge Drive and 179th Street between Pulaski Avenue and Cedar Avenue; replacement of 60 residential water services; and replacement of 6 fire hydrants. Pavement restoration and tree replacement would also be included where necessary. The existing water mains would be abandoned in place and new water mains would be located adjacent to them beneath sidewalks. This alternative would have to avoid utilities commonly placed in the parkways and would be likely to necessitate tree removals.

3. Construction under the Streets Plan- This alternative would include 950 LF of 6-inch diameter water main on Hawthorne Place between 175th Place and 177th Street; 2100 LF of 8-inch diameter water main on Cambridge Drive and 179th Street between Pulaski Avenue and Cedar Avenue; replacement of 60 residential water services; and replacement of 6 fire hydrants. Pavement restoration and tree replacement would also be included if necessary. The existing water mains would be abandoned in place and new water mains would be located beneath streets within the public right-of-way. This plan would locate the new water mains away from utilities that are commonly located beneath sidewalks on parkways and would result in minimal tree removal.

RECOMMENDED PLAN

Construction under the Streets Plan- This alternative would include 950 LF of 6-inch diameter water main on Hawthorne Place between 175th Place and 177th Street; 2100 LF of 8-inch diameter water main on Cambridge Drive and 179th Street between Pulaski Avenue and Cedar Avenue; replacement of 60 residential water services; and replacement of 6 fire hydrants. Pavement restoration and tree replacement would also be included if necessary. The existing water mains would be abandoned in place and new water mains would be located beneath streets within the public right-of-way. The recommended plan would address the occurrence of water main breaks and decrease potential disturbances to utilities, trees, and pedestrian traffic on parkways. A contract would be awarded in December 2017, with project completion anticipated in approximately 12 months.

COMPLIANCE WITH ENVIRONMENTAL PROTECTION STATUTES

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, as amended, Clean Air Act, as amended, National Environmental Policy Act of 1969, as amended, the Clean Water Act, as amended, Executive Order 12898 (Environmental Justice), Executive Order 11990 (Protection of Wetlands), Executive Order 11988 (Floodplain Management).

SECTION 3 AFFECTED ENVIRONMENT

PROJECT AREA

The project area is in the City of Country Club Hills, Cook County, IL. It lies approximately 13 miles southwest of Lake Michigan, and is shown on the Harvey (Illinois) USGS 7.5" topographic quadrangle map.

The project consists of installing new water mains and abandoning existing water mains in place. Abandoned water mains will be filled with grout to prevent potential collapse in the future. Although construction would be occurring within the existing right-of-ways, most area roads would likely remain open to local traffic.

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.

AQUATIC COMMUNITIES

There are no significant aquatic communities directly in the planned project area. 179th Street crosses an unnamed conveyance within the project area between Cedar Avenue and Ravisloe Terrace. This manmade or highly altered conveyance's highly linear form, lack of cover, paved sections, and lack of buffer from surrounding suburban land uses make it low quality and highly unnatural habitat. It appears to make up the headwaters of Prairie Creek, moving surface water from residential developments eastward. Prairie Creek itself flows into the Calumet Union Drainage Ditch, which in turn flows into the Little Calumet River.

There are two manmade retention basins just south of the project area that drain to the unnamed conveyance during high flow.

TERRESTRIAL COMMUNITIES

The City of Country Club Hills provides suitable habitat for common "urban" wildlife species, including gray fox, gray squirrel, opossum, eastern mole, cottontail rabbit, striped skunk, mice, red fox, and bats. 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.

Representative vegetation within the project area includes mowed grass lawns, shrubs, and a variety of tree species include maple, green ash, mulberry, box elder, honey locust, crabapple, and cottonwood.

NATURAL AREAS

The project area lies approximately six miles southwest of the Little Calumet River. It is within 5 miles of a number of natural areas, including: Bobolink Meadow Land and Water Reserve, Bartel Grassland Land and Water Reserve, Vollmer Road Grove, Oak Forest Heritage Preserve, Midlothian Meadows, Paintbrush Prairie Nature Preserve, Sundrop Prairie Nature Preserve, Gensburg-Markham Prairie Nature Preserve, and Rubio Woods. These open space areas provide a range of vegetation zones, 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 residential. It is within the range of the federally endangered Indiana Bat (*Myotis sodalists*) and the Karner blue butterfly (*Lycaeides Melissa samuelis*), as well as the federally threatened northern long-eared bat (*Myotis septentrionalis*), Pitcher's thistle (*Cirsium pitcheri*), and Mead's milkweed (*Asclepias meadii*). However, the project area itself contains no critical habitat likely to be used by threatened or endangered species, with the possible exception of migratory avian species.

ARCHAEOLOGICAL AND HISTORIC PROPERTIES

There are no properties listed on the National Register of Historic Places located in the City of Country Club Hills. The proposed project is within existing right-of-ways along public streets. It has been previously disturbed by filling, grading, and utility construction. It contains no intact archaeological material.

LAND USE HISTORY

The City of Country Club Hills is a suburban community located approximately 20 miles south-southwest of downtown Chicago. Country Club Hills was incorporated in 1958 and was popular due to its larger (half-acre) lots, middle-income homes, spacious streets, and country-like atmosphere. Previously, the area had been settled by German farmers in the 1800s.

SOCIAL SETTING

The City of Country Club Hills, IL has a total population of approximately 16,806 that is predominantly African American and White (84% and 12%, respectively), with 5% identifying as Hispanic or Latino. Median household income is \$55,148, median home value is \$129,900, and 18.4% of individuals are below the poverty level (2011-2015 American Community Survey 5-year estimates; factfinder.census.gov). Accordingly, the project area is shown as an environmental justice area using the EPA's EJScreen webtool (<https://ejscreen.epa.gov/mapper/>) for minority population.

RECREATION

Max Atkin Park is located just west of the portion of the project area along 179th Street. This park offers a playground, picnic shelter, tennis court, baseball field, and bathrooms.

Community Park is a large open space to the north of the Hawthorne Drive portion of the project area.

HAZARDOUS, TOXIC AND RADIOACTIVE WASTE (HTRW) INVESTIGATION

A Hazardous, Toxic, and Radioactive Waste (HTRW) investigation is currently being conducted. Given the scope of the project activities and residential nature of the project area, identification of environmental issues or recognized environmental conditions (RECs) that may impact the project work and/or the surrounding area is not anticipated.

SECTION 4 ENVIRONMENTAL CONSEQUENCES

IMPACTS OF "NO ACTION" PLAN

The "no action" plan would have no additional impacts on the natural resources in Country Club Hills. However, the water main system would remain inadequate, and the continuation of breakages 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** (highlighted in **bold**) that are required to be considered as part of an impact analysis of proposed projects. The proposed plan would not adversely affect **community cohesion, community growth, tax revenues, property values, public services, or regional growth**. No **people, farms, or industries/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 municipal or private water supplies.

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. Regarding 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 not have a significant long-term adverse impact on the quality of water in the community. To the contrary, improvements to the water main system will be beneficial in reducing potential contamination of the system due to breakages.

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 been prepared pursuant to the Clean Water Act. 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.

Executive Order 11988 - Executive Order 11988 (Floodplain Management) -The project is not located within the floodplain, and will not promote development in the floodplain.

ENVIRONMENTAL JUSTICE

Executive Order 12898 (Environmental Justice) - The project area has a predominantly minority population (84%). However, the project will not have a significant adverse impact on minority or low-income populations in the City of Country Club Hills, Illinois.

AQUATIC IMPACTS

Fish and Wildlife Coordination Act - The project will have no negative impact on aquatic wildlife or habitat.

Executive Order 11990 (Protection of Wetlands) – The project will not affect wetlands since no wetlands are present within the project's footprint.

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

TERRESTRIAL IMPACTS

The project would not have an adverse impact on any valuable wildlife or habitat.

THREATENED AND ENDANGERED SPECIES IMPACTS

Endangered Species Act of 1973 - The project will not affect federally-listed, threatened, or endangered species, or habitat likely to be used by such species.

ARCHAEOLOGICAL AND HISTORIC IMPACTS

National Historic Preservation Act of 1966 - The proposed construction would have no impact on archaeological or historic properties.

Native American groups having an interest in Northeast Illinois have been consulted (scoping letters dated July 13, 2017). The Miami Tribe of Oklahoma has requested to be notified immediately upon discovery of archaeological evidence during any phase of the project (letter dated August, 1 2017).

HTRW IMPACTS

A Hazardous, Toxic, and Radioactive Waste (HTRW) Phase I Environmental Site assessment has been conducted and has revealed that no known potential recognized environmental conditions (RECs) issues exist on or adjacent to the project area. Therefore, there are no anticipated significant adverse impacts related to HTRW as a result of implementing the proposed project.

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. When assessing cumulative effects, the key determinate 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, the spatial and temporal boundaries are determined, and reasonably foreseeable future actions are identified in this environmental assessment. 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-1834, when settlement and development of the area began.
2. Present-2016, when the selection plan was being developed.
3. Future-2066, the year used for determining project life end.

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. Continued corrosion of the existing water main by surrounding soils.
2. Continued suburban land use surrounding the project area.
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 have been affected by filling, excavation, 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 the Little Calumet River or any of its tributaries, including Prairie Creek and the Calumet Union Drainage Ditch. Long term adverse impacts to significant resources are not expected to occur.

Cumulative Effects on 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 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	no impact	no impact	no impact
Land Use	adverse	no impact	no impact	no impact
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), Federal Aviation Administration (FAA), Illinois Department of Natural Resources (IDNR), and the Illinois Historical Preservation Agency (IHPA). Copies of coordination letters are attached to this assessment.

RECIPIENTS

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

AGENCIES

Senator Dick Durbin
711 Hart Senate Office Building
Washington, DC 20510

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

Senator Tammy Duckworth
524 Hart Senate Office Building
Washington, DC 20510

Senator Tammy Duckworth
230 S. Dearborn Street, Suite 3900
Chicago, IL 60604

Representative Robin Kelly
1239 Longworth House Office Building
Washington, DC 20515
Representative Robin Kelly

9204 S. Commercial Ave, Suite 415
Chicago, IL 60617

U.S. Environmental Protection Agency, Region 5
77. W Jackson Blvd., ME-19J
Chicago, IL 60604
ATTN: Kenneth Westlake

USDA APHIS Wildlife Services
3430 Constitution Drive, Suite 121
Springfield, IL 62711
ATTN: Scott Beckerman

U.S. Fish and Wildlife Service
Chicago Field Office
1250 South Grove Ave, Suite 103
Barrington, IL 60010
ATTN: Louise Clemency

Federal Aviation Administration
Chicago Airports District Office, CHI-ADO-600
2300 E. Devon
Des Plaines, IL 60018
ATTN: Bobb A. Beauchamp

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

Illinois Historic Preservation Agency
1 Old State Capitol Plaza
Springfield, IL 62701
ATTN: Rachel Leibowitz

Illinois Department of Natural Resources
Acting Division Manager, Office of Resource Review
1 Natural Resource Way
Springfield, IL 62702
ATTN: Keith Shank

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

Illinois Department of Natural Resources
1 Natural Resource Way
Springfield, IL 62702
ATTN: Wayne Rosenthal

Illinois Department of Natural Resources
Office of Water Resources
160 N. LaSalle Street, Suite S-700
Chicago, IL 60601
ATTN: Dan Injerd

Illinois Environmental Protection Agency
Water Pollution Division
1021 N. Grand Ave East
P.O. Box 19276
Springfield, IL 62794
ATTN: Dan Heacock
Illinois Nature Preserves Commission
Lost Valley Nature Center
7210 Keystone Road
Richmond, IL 60071
ATTN: Steve M. Byers

FEDERALLY RECOGNIZED TRIBES:

Kickapoo of Kansas
1107 Goldfinch Road
Horton, KS 66439

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

Kickapoo Tribe of Texas
2212 Rosita Valley Road
Eagle Pass, TX 78852

Diane Hunter
Miami Tribe of Oklahoma
P.O. Box 1326
Miami, OK 74355

Citizen Potawatomi Executive Council
1901 S. Gordon Cooper Drive
Shawnee, OK 74801

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

Hannahville Potawatomi Tribal Council
N 14911 Hannahville Rd.
Wilson, MI 49896

Nottawaseppi Huron Potawatomi Tribal Office
2224 One-and-a-half Mile Road
Fulton, MI 49052

ADDITIONAL PARTIES

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

DRAFT

CORRESPONDENCE

DRAFT



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

July 13, 2017

Planning Branch

<<Address Block>>

<<Greeting Line>>

The Chicago District is preparing a National Environmental Policy Act (NEPA) document on the impacts of a proposed water main replacement project in the City of Country Club Hills, Illinois. The project would include 950 LF of 6-inch diameter water main on Hawthorne Place between 175th Place and 177th Street; 2100 LF of 8-inch diameter water main on Cambridge Drive and 179th Street between Pulaski Avenue and Cedar Avenue; replacement of 60 residential water services; and replacement of 6 fire hydrants. Pavement restoration and tree replacement will also be included where necessary. All anticipated work would be carried out in existing right-of-ways.

As part of the NEPA scoping process, the Chicago District would appreciate any comments or concerns you might have about potential impacts from this proposed project. This could include impacts to wetlands, riverine habitat, rare and unique habitats, threatened and endangered species, or cultural and social resources. After receiving scoping input and conducting its environmental assessment, the Chicago District will release a draft NEPA document for a formal public review. Attached at enclosure 1 is a list of State and Federal Agencies and Tribal Nations receiving this request. A map of the project area is at enclosure 2.

Comments must be received by 28 July 2017 and should be sent to Mr. Alex Hoxsie, U.S. Army Corps of Engineers, 231 South La Salle Street, Suite 1500, Chicago, Illinois 60604, or by email at alex.hoxsie@usace.army.mil. Questions should be directed to Mr. Hoxsie at (312)846-5587.

Sincerely,

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

From: [Grider, Nathan](#)
To: [Fleming, Eugene J CTV USARMY CELRC \(US\)](#); [Hoxsie, Alex R CTV USARMY CELRC \(US\)](#)
Cc: [Cattoor, Wes](#); [Casey, James](#); [Rosenthal, Wayne A](#); [Krebs, Brent](#); [Shank, Keith](#); [Waggoner, Connie](#); [Inierd, Dan](#)
Subject: [Non-DoD Source] RE: Country Club Hills water main replacement - NEPA Scoping Letter (UNCLASSIFIED)
Date: Friday, July 14, 2017 9:43:59 AM

Hi Gene,

I have reviewed your letter along with our Natural Heritage Database. Technically, the City of Country Club Hills (project partner) has an obligation to consult with the Department on actions they fund, authorize, or perform that may have adverse impacts to state protected natural resources pursuant to Administrative Code Part 1075: Blocked<https://www.dnr.illinois.gov/adrules/documents/17-1075.pdf>

However, Section 1075.30(C: 3 & 5) "exempts construction activities required for the routine maintenance of structures... and actions within rights-of-ways in urban areas... unless it is evident that there will be adverse impacts to a listed species or its essential habitat or natural area." Upon review, I see no evidence of potential adverse impacts from this work.

The City is welcome to contact me if they have questions or need further clarification and I invite them to utilize our EcoCAT consultation tool as necessary: Blocked<http://dnr.illinois.gov/EcoPublic/>

Thank you for the opportunity to comment!

Nathan Grider
Biologist
Impact Assessment Section
Illinois Department of Natural Resources
One Natural Resources Way
Springfield, IL 62702
(217) 524-0501
Fax: 217-524-4177
nathan.grider@illinois.gov

-----Original Message-----

From: Injerd, Dan
Sent: Thursday, July 13, 2017 3:48 PM
To: Fleming, Eugene J LRC (Eugene.J.Fleming@usace.army.mil) <Eugene.J.Fleming@usace.army.mil>
Cc: Cattoor, Wes <Wes.Cattoor@Illinois.gov>; Casey, James <James.Casey@Illinois.gov>; Rosenthal, Wayne A <Wayne.A.Rosenthal@illinois.gov>; Grider, Nathan <Nathan.Grider@Illinois.gov>; Krebs, Brent <Brent.Krebs@illinois.gov>
Subject: FW: Country Club Hills water main replacement - NEPA Scoping Letter (UNCLASSIFIED)

Gene,

OWR does not have any comments or concerns about this project, but will defer to other IDNR offices for their review of the potential impacts listed in your letter.

The estimated cost of this water infrastructure project is around \$1 million, and includes water main replacement, new residential water services and new fire hydrants. Knowing that there are significant water infrastructure needs in many Illinois communities within the Chicago District's boundaries, what is the Chicago District's capacity to make this program more widely available? As part of our statewide water supply planning efforts and our Lake

Michigan water allocation program's focus on water conservation and efficiency, perhaps we could be of some assistance to the Corps in making more Illinois communities aware of this program.

Please feel free to contact me to discuss.

Daniel Injerd, Director
Office of Water Resources
Illinois Department of Natural Resources
160 N. LaSalle St., Suite S-703
Chicago, IL 60601
312-793-5746
Dan.injerd@illinois.gov

-----Original Message-----

From: Hoxsie, Alex R CIV USARMY CELRC (US) [<mailto:Alex.Hoxsie@usace.army.mil>]

Sent: Thursday, July 13, 2017 2:46 PM

To: Injerd, Dan <Dan.Injerd@Illinois.gov>

Subject: [External] Country Club Hills water main replacement - NEPA Scoping Letter (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Good Afternoon,

The U.S. Army Corps of Engineers Chicago District is in the process of preparing a National Environmental Policy Act assessment for a proposed water main replacement in the City of Country Club Hills, Illinois. Please find attached a scoping letter requesting input on potential negative impacts of this work that should be considered in our assessment. Feel to contact me with any questions. Thank you very much.

Cheers,

Alex Hoxsie
Planner/Biologist
US Army Corps of Engineers, Chicago District
231 S. LaSalle Street, Suite 1500
Chicago, IL 60604-1437

Phone: (312) 846-5587

Fax: (312) 886-2891

CHICAGO USACE WEB SITE: Blocked<http://www.lrc.usace.army.mil>

FACEBOOK: Blocked<http://www.facebook.com/usacechicago>

CLASSIFICATION: UNCLASSIFIED

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From: [Westlake, Kenneth](#)
To: [Hoxsie, Alex R CIV USARMY CELRC \(US\)](#)
Subject: [Non-DoD Source] RE: Country Club Hills water main replacement - NEPA Scoping Letter (UNCLASSIFIED)
Date: Thursday, July 13, 2017 5:25:30 PM

Alex,
EPA will not be commenting on this local infrastructure project.
Ken

Kenneth A. Westlake
Chief, National Environmental Policy Act Implementation Section (E-19J)
Office of Enforcement and Compliance Assurance
U.S. Environmental Protection Agency
77 W. Jackson Boulevard
Chicago, Illinois 60604
312-886-2910
westlake.kenneth@epa.gov

-----Original Message-----

From: Hoxsie, Alex R CIV USARMY CELRC (US) [<mailto:Alex.Hoxsie@usace.army.mil>]
Sent: Thursday, July 13, 2017 2:55 PM
To: Westlake, Kenneth <westlake.kenneth@epa.gov>
Subject: Country Club Hills water main replacement - NEPA Scoping Letter (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Good Afternoon,

The U.S. Army Corps of Engineers Chicago District is in the process of preparing a National Environmental Policy Act assessment for a proposed water main replacement in the City of Country Club Hills, Illinois. Please find attached a scoping letter requesting input on potential negative impacts of this work that should be considered in our assessment. Feel to contact me with any questions. Thank you very much.

Cheers,

Alex Hoxsie
Planner/Biologist
US Army Corps of Engineers, Chicago District
231 S. LaSalle Street, Suite 1500
Chicago, IL 60604-1437

Phone: (312) 846-5587

Fax: (312) 886-2891

CHICAGO USACE WEB SITE: Blocked<http://www.lrc.usace.army.mil>
FACEBOOK: Blocked<http://www.facebook.com/usacechicago>

CLASSIFICATION: UNCLASSIFIED



Miami Tribe of Oklahoma

3410 P St. NW, Miami, OK 74354 • P.O. Box 1326, Miami, OK 74355
Ph: (918) 541-1300 • Fax: (918) 542-7260
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August 1, 2017

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

Re: City of Country Club Hills, Illinois water main replacement – Comments of the Miami Tribe of Oklahoma

Dear Mr. Hoxsie:

Aya, kikwehsitoole – I show you respect. My name is Diane Hunter, and I am the Tribal Historic Preservation Officer for the Federally Recognized Miami Tribe of Oklahoma. In this capacity, I am the Miami Tribe's point of contact for all Section 106 issues.

The Miami Tribe offers no objection to the above-mentioned project at this time, as we are not currently aware of existing documentation directly linking a specific Miami cultural or historic site to the project site. However, as this site is within the aboriginal homelands of the Miami Tribe, if any human remains or Native American cultural items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) or archaeological evidence is discovered during any phase of this project, the Miami Tribe requests immediate consultation with the entity of jurisdiction for the location of discovery. In such a case, please contact me at 918-541-8966 or by email at dhunter@miamination.com to initiate consultation.

The Miami Tribe accepts the invitation to serve as a consulting party to the proposed project. In my capacity as Tribal Historic Preservation Officer I am the point of contact for consultation.

Respectfully,

Diane Hunter

Diane Hunter
Tribal Historic Preservation Officer
Miami Tribe of Oklahoma

APPENDIX 1 - PROJECT MAPS

City of Country Club Hills Hawthorne Pl & Cambridge Dr / 179th St Water Main Replacement Program



Project Scope

Hawthorne Place

- Replace 950 feet of 6-Inch Water Main on Hawthorne Place
- Replace 2100 feet of 8-Inch Water Main on Cambridge Drive/179th Street
- Replace 60 Residential Water Services
- Replace 6 Fire Hydrants
- Parkway and Pavement Restoration
- Tree Replacement
- Estimated Cost \$800,000 to \$1,000,000

