

APPENDIX B
Agencies Correspondence

DRAFT

U.S. Department of Homeland Security
Federal Emergency Management Agency
536 S. Clark St, 6th Floor
Chicago, Illinois 60605-1521



FEMA

State Historic Preservation Office
Michigan Historical Center
Department of History, Arts and Libraries
PO Box 30740
Lansing, Michigan 48909-8240

Re: Request for Project Review – Primary Entry Point Administrative Council – Replace Existing Underground Storage Tank and Auxiliary Fuel System with New Underground Storage Tank and Equipment – WJR Transmitter Site - Riverview, Michigan

To whom it may concern:

The Federal Emergency Management Agency (FEMA) is re-submitting a request for project review for the WJR Transmitter Project that was previously submitted by Terracon Consulting Engineers on May 18 2009. The original consultation request failed to disclose this activity as a federally funded activity. If this additional information related to the funding source does not impact your previous comments or response, there is no need to respond to this letter.

The proposed action will include the replacement of an existing underground storage tank (UST) with a new 12,000 gallon, double-walled fiberglass reinforced plastic UST with automatic tank monitoring and leak protection equipment, and replacement of the ancillary fuel system. The proposed action will also include upgrading secondary containment in the generator room floor area. The new UST will be located south of the existing generator and transmitter buildings. The proposed action is located at 15725 Sibley Road, Riverview, Michigan.

A project description and exhibits including a USGS map, an aerial photograph, proposed schematics, and site photographs are attached. If you have any questions or require additional information, please call me at (312) 408-5440 or email me at amanda.ratliff@dhs.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "A.C. Ratliff".

Amanda C. Ratliff
Regional Environmental Officer

Enclosures

STATE HISTORIC PRESERVATION OFFICE
Application for Section 106 Review

SHPO Use Only			
<input type="checkbox"/> IN	Received Date ____ / ____ / ____	Log In Date	____ / ____ / ____
<input type="checkbox"/> OUT	Response Date ____ / ____ / ____	Log Out Date	____ / ____ / ____
	Sent Date		____ / ____ / ____

Submit one copy for each project for which review is requested. This application is required. Please type. Applications must be complete for review to begin. Incomplete applications will be sent back to the applicant without comment. Send only the information and attachments requested on this application. Materials submitted for review cannot be returned. Due to limited resources we are unable to accept this application electronically.

I. GENERAL INFORMATION

THIS IS A NEW SUBMITTAL THIS IS MORE INFORMATION RELATING TO ER# 09-481

- a. Project Name: WJR Transmitter Site
- b. Project Address (if available): 15725 Sibley Road
- c. Riverview, Michigan
- d. Municipal Unit: Riverview County: Wayne
- e. Federal Agency, Contact Name and Mailing Address (If you do not know the federal agency involved in your project please contact the party requiring you to apply for Section 106 review, not the SHPO, for this information.): FEMA, Region 5 REO, Amanda Ratliff, FEMA, 536 South Clark St., 6th Floor, Chicago, ILL 60605. Phone 312-408-5440
- f. State Agency (if applicable), Contact Name and Mailing Address: n/a
- g. Consultant or Applicant Contact Information (if applicable) including mailing address: FEMA, Region 5 REO, Amanda Ratliff, FEMA, 536 South Clark St., 6th Floor, Chicago, ILL 60605. Phone 312-408-5440

II. GROUND DISTURBING ACTIVITY (INCLUDING EXCAVATION, GRADING, TREE REMOVALS, UTILITY INSTALLATION, ETC.)

DOES THIS PROJECT INVOLVE GROUND-DISTURBING ACTIVITY? YES NO (If no, proceed to section III.)

Exact project location must be submitted on a USGS Quad map (portions, photocopies of portions, and electronic USGS maps are acceptable as long as the location is clearly marked).

- a. USGS Quad Map Name: Wyandotte Michigan-Ontario
- b. Township: 4S Range: 10E Section: 11
- c. Description of width, length and depth of proposed ground disturbing activity: Approximately 9' wide, 40' long and 12' deep excavation where the existing UST will be removed and the new UST will be installed.
- d. Previous land use and disturbances: The site consists of a 40-acre tract of fenced land with the WJR transmitter building and two radio broadcast towers. An underground fuel storage tank (UST) and associated piping for the emergency generator at the WJR transmitter site is present on the site. The present UST was installed in 1991.
- e. Current land use and conditions: The site consists of a 40-acre tract of fenced land with the WJR transmitter building and two radio broadcast towers. The site will be utilized in the same manner. Under the Proposed Action, the old UST and piping will be replaced with a new UST and piping. The generator building floor, wall joints and existing curbing will be upgraded by resealing, and leak detection monitors will be added that are tied to the leak detection monitoring system.
- f. Does the landowner know of any archaeological resources found on the property? YES NO
Please describe:

III. PROJECT WORK DESCRIPTION AND AREA OF POTENTIAL EFFECTS (APE)

Note: Every project has an APE.

- a. Provide a detailed written description of the project (plans, specifications, Environmental Impact Statements (EIS), Environmental Assessments (EA), etc. **cannot** be substituted for the written description): The Federal Emergency Management Agency (FEMA) has identified several radio transmission sites throughout the United States of America that provide significantly powerful signals which can be used for communication purposes in the event of a national catastrophe. Each site is required by FEMA to have between 30 and 60 days of auxiliary back-up diesel fuel available on the site to power the transmission site in the event of a power outage. This requires that between 6,000 and 12,500 gallons of diesel fuel be located on the property, depending on the requirements of each transmission site. To this end, FEMA has contracted with the Primary Entry Point Administrative Council, Inc. (PEPAC), a 501c Washington, D.C.-based non-profit corporation, to upgrade, maintain, and manage the emergency power systems located at the selected transmission sites throughout the US.
- b. Primary Entry Point Administrative Council, Inc. (PEPAC) is proposing to remove and close an existing diesel fuel underground storage tank (UST) and ancillary fuel system (collectively referred to as the UST system) with the installation of a new 12,000-gallon diesel UST system at the WJR tower facility located at 15725 Sibley Road, Riverview, Wayne County, Michigan (Proposed Action). In accordance with the National Environmental Policy Act (NEPA), PEPAC is required to evaluate the potential environmental impacts of their facilities and operations. NEPA requires that a federal agency assume the lead role in assuring the NEPA process is completed. FEMA will be the lead federal agency, as the upgrades to the backup systems will be funded by FEMA. The Proposed Action addresses the need to upgrade the UST system at the WJR Transmitter Site. The existing WJR emergency generator system includes one double-walled fiberglass 6,000-gallon UST that employs an active brine-filled interstitial and associated electronic leak detection monitoring system and is located approximately 45 feet south of the generator room. A Cummins/Onan 300 kW emergency generator is located in the generator room of the transmitter building. The existing UST provides diesel fuel to supply a single walled, 10-gallon day tank located in the generator room. The fuel system is installed with a pump at the day tank to transfer fuel from the UST to the day tank. No active fuel filtration system is present at the site. Current fuel piping at the site consists of a flexible rubber hose system within a secondary PVC containment piping below ground and screwed carbon steel pipe construction and flexible hoses aboveground. The generator room floor is sealed and employs a low wall containment dyke for secondary containment purposes. No monitoring of the containment area is present in the generator room. The Proposed Action will include replacement of the existing UST with a new Xerxes 12,000-gallon, double-walled fiberglass reinforced plastic UST with automatic tank monitoring and leak protection equipment; the addition of a RCI fuel filtration system with leak detection; 50-gallon double-walled day tank, Incon fuel inventory monitoring system for the UST and improved secondary containment for the generator room floor area. The present generator is not recommended to be replaced. The new UST will be located in the same location as the existing UST. While the existing equipment is being removed and replaced, a temporary 500-gallon diesel fuel aboveground storage tank (AST) will be connected to the onsite generator and be operational in the event the emergency system is activated. The existing UST, day tank, fuel filtration system, and piping will be decommissioned, removed and closed in accordance with federal, state, and local requirements.
- c. Provide a localized map indicating the location of the project; road names must be included and legible.
- d. On the above-mentioned map, identify the APE.
- e. Provide a written description of the APE (physical, visual, auditory, and sociocultural), the steps taken to identify the APE, and the justification for the boundaries chosen. The area of potential effects (APE) is the WJR transmitter site which includes a 40-acre tract of land and the WJR transmitter building. The construction phase of the project may result in a few construction vehicles in the APE. Excavation will occur at the site of the existing UST. The interior floor and wall seams and the existing curbing of the generator room will be resealed. It is possible that noise may be increased during the excavation stage of the project, however this will only occur during a normal work day (8 a.m. to 5 p.m.). The project should take approximately three weeks to complete. Residential areas to the north and west of the APE should not be affected adversely by any physical, visual, auditory and/or sociocultural issues. Residential areas should be well buffered from construction activities by Silbey Road and the site's 40-acres.

IV. IDENTIFICATION OF HISTORIC PROPERTIES

- a. List and date **all** properties 50 years of age or older located in the APE. If the property is located within a National Register eligible, listed or local district it is only necessary to identify the district: WJR transmitter building
 - b. Describe the steps taken to identify whether or not any **historic** properties exist in the APE and include the level of effort made to carry out such steps: A search of historic and archeological properties was conducted for records and surveys within the APE of the Proposed Action. A search was conducted of the Michigan State Historic Preservation website and the National Register of Historic Places website. Terracon also contacted the Riverview City Clerk Judy Bratcher regarding historic, cultural, and archeological resources near the WJR Transmitter Site. No sites were identified in the databases or by Ms. Bratcher. However, the WJR transmitter building itself would likely meet the criteria for a historic building. The structure was constructed in 1934 and its architectural style is zigzag art deco. The architect was Cyril Edward Schley. The site has been utilized as the WJR transmitter site since 1934.
 - c. Based on the information contained in "b", please choose one:
 - Historic Properties Present in the APE
 - No Historic Properties Present in the APE
 - d. Describe the condition, previous disturbance to, and history of any historic properties located in the APE: The WJR transmitter building appears to be in excellent physical condition. The building is located on a 40-acre tract of fenced land surrounded by suburban sprawl. The area immediately southwest of the building has been previously excavated several times for prior UST installations. The existing UST was reportedly installed in 1991.
-

V. PHOTOGRAPHS

Note: All photographs must be keyed to a localized map.

- a. Provide photographs of the site itself.
 - b. Provide photographs of all properties 50 years of age or older located in the APE (faxed or photocopied photographs are not acceptable).
-

VI. DETERMINATION OF EFFECT

- No historic properties affected based on [36 CFR § 800.4(d)(1)], please provide the basis for this determination.
- No Adverse Effect [36 CFR § 800.5(b)] on historic properties, explain why the criteria of adverse effect, 36 CFR Part 800.5(a)(1), were found not applicable.
- Adverse Effect [36 CFR § 800.5(d)(2)] on historic properties, explain why the criteria of adverse effect, [36 CFR Part 800.5(a)(1)], were found applicable.

***Please print and mail completed form and required information to:
State Historic Preservation Office, Environmental Review Office, Michigan Historical Center, 702
W. Kalamazoo Street, P.O. Box 30740, Lansing, MI 48909-8240***

State Historic Preservation Office

Application for Section 106 Review

VI. DETERMINATION OF EFFECT

Finding of No Adverse Effect

The Proposed Action at the WJR Transmitter site at 15725 Sibley Road in Riverview, Michigan, will not adversely affect the historical significance of the site.

- The removal of the existing 6,000 gallon UST and associated piping and the installation of a new 12,000 gallon UST and associated piping will occur in the same general area which is south of the transmitter building. The area will be disturbed during the excavation stage, however when this portion of the project is complete, the area will return to its previous state which was a grassy area.
- The upgrade to the generator room – which includes sealing the wall and floor joints and the existing curbing as well as adding leak detection monitors – will increase the facility's ability to detect and control any potential petroleum releases from the system and will not change the integrity of the transmitter building.
- The Proposed Action will not diminish the integrity of the property's location, design, setting, materials, workmanship, feeling or association. The Proposed Action will not change the character of the property's use or physical features or alter the site's historic significance.
- The Proposed Action is deemed as a necessary step in decreasing the chance of deterioration of the existing UST and ancillary fuel system while increasing the level of Homeland Security in the United States.



JENNIFER GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF HISTORY, ARTS AND LIBRARIES
LANSING

MARK HOFFMAN
ACTING DIRECTOR

September 17, 2009

AMANDA RATLIFF
REGIONAL ENVIRONMENTAL OFFICER
FEMA REGION V
536 S CLARK 6TH FLOOR
CHICAGO IL 60605

RE: ER09-481 WJR Radio Transmitting Building UST Upgrades, 15725 Sibley Road,
Section 11, T4S, R10E, Riverview, Wayne County (FEMA)

Dear Ms. Ratliff:

Under the authority of Section 106 of the National Historic Preservation Act of 1966, as amended, we have reviewed the above-cited undertaking at the location noted above. Based on the information provided for our review, it is the opinion of the State Historic Preservation Officer (SHPO) that the effects of the proposed undertaking do not meet the criteria of adverse effect [36 CFR § 800.5(a)(1)]. Therefore, the project will have **no adverse effect** [36 CFR § 800.5(b)] on the WJR Radio Transmitting Building, which appears to meet the criteria for listing in the National Register of Historic Places.

The views of the public are essential to informed decision making in the Section 106 process. Federal Agency Officials or their delegated authorities must plan to involve the public in a manner that reflects the nature and complexity of the undertaking, its effects on historic properties and other provisions per 36 CFR § 800.2(d). We remind you that Federal Agency Officials or their delegated authorities are required to consult with the appropriate Indian tribe and/or Tribal Historic Preservation Officer (THPO) when the undertaking may occur on or affect any historic properties on tribal lands. **In all cases**, whether the project occurs on tribal lands or not, Federal Agency Officials or their delegated authorities are also required to make a reasonable and good faith effort to identify any Indian tribes or Native Hawaiian organizations that might attach religious and cultural significance to historic properties in the area of potential effects and invite them to be consulting parties per 36 CFR § 800.2(c).

This letter evidences FEMA's compliance with 36 CFR § 800.4 "Identification of historic properties" and 36 CFR § 800.5 "Assessment of adverse effects", and the fulfillment of FEMA's responsibility to notify the SHPO, as a consulting party in the Section 106 process, under 36 CFR § 800.5(c) "Consulting party review".

The State Historic Preservation Office is not the office of record for this undertaking. You are therefore asked to maintain a copy of this letter with your environmental review record for this undertaking. If the scope of work changes in any way, or if artifacts or bones are discovered, please notify this office immediately.

If you have any questions, please contact Martha MacFarlane Faes, Environmental Review Coordinator, at (517) 335-2721 or by email at ER@michigan.gov. **Please reference our project number in all communication with this office regarding this undertaking.** Thank you for this opportunity to review and comment, and for your cooperation.

Sincerely,

Brian D. Conway
State Historic Preservation Officer

U.S. Department of Homeland Security
Federal Emergency Management Agency
536 S. Clark St, 6th Floor
Chicago, Illinois 60605-1521



FEMA

Regional Director
Michigan Department of Natural Resources
Mason Building 4th Floor
PO Box 30444
Lansing, Michigan 48909

Re: Request for Project Review – Primary Entry Point Administrative Council – Replace Existing Underground Storage Tank and Auxiliary Fuel Systems with New Underground Storage Tank and Equipment – WJR Transmitter Site – Riverview, Michigan

To whom it may concern:

The Federal Emergency Management Agency (FEMA) is re-submitting a request for project review for the WJR Transmitter Project that was previously submitted by Terracon Consulting Engineers on May 18, 2009. The original consultation request failed to disclose this activity as a federally funded activity. If this additional information related to the funding source does not impact your previous comments or response, there is no need to respond to this letter.

The proposed action will include the replacement of an existing underground storage tank (UST) with a new 12,000 gallon, double-walled fiberglass reinforced plastic UST with automatic tank monitoring and leak protection equipment, and replacement of the ancillary fuel system. The proposed action will also include upgrading secondary containment in the generator room floor area. The new UST will be located south of the existing generator and transmitter buildings. The proposed action is located at 15725 Sibley Road, Riverview, Michigan.

A project description and exhibits including a USGS map, an aerial photograph, proposed schematics, and site photographs are attached. Please review and provide comments to me on the impacts to endangered species and water resources at the letterhead address. If you have any questions or require additional information, please call me at (312) 408-5440 or email me at amanda.ratliff@dhs.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "A.C. Ratliff".

Amanda C. Ratliff
Regional Environmental Officer

Enclosures



STATE OF MICHIGAN



JENNIFER M. GRANHOLM
GOVERNOR

DEPARTMENT OF NATURAL RESOURCES

LANSING

REBECCA A. HUMPHRIES
DIRECTOR

October 12, 2009

Ms. Amanda Ratliff
U.S. Department of Homeland Security
Federal Emergency Management Agency
536 South Clark Street, 6th Floor
Chicago, IL 60605-1521

**RE: Proposed replacement of existing underground storage tank and auxillary fuel systems – WJR
Transmitter Site, Riverview, MI**

Dear Ms Ratliff:

The location of the proposed project was checked against known localities for rare species and unique natural features, which are recorded in a statewide database. This continuously updated database is a comprehensive source of existing data on Michigan's endangered, threatened, or otherwise significant plant and animal species, natural plant communities, and other natural features. Records in the database indicate that a qualified observer has documented the presence of special natural features at a site. The absence of records in the database for a particular site may mean that the site has not been surveyed. The only way to obtain a definitive statement on the status of natural features is to have a competent biologist perform a complete field survey.

Under Act 451 of 1994, the Natural Resources and Environmental Protection Act, Part 365, Endangered Species Protection, "a person shall not take, possess, transport, ...fish, plants, and wildlife indigenous to the state and determined to be endangered or threatened," unless first receiving an Endangered Species Permit from the Department of Natural Resources, Wildlife Division. The presence of threatened or endangered species does not preclude activities or development, but may require alterations in the project plan. *Species may be present that have not been recorded in the database.*

The following is a summary of the results of the review in Wayne County, Section 12, T4S R10E:

The project should have no impact on rare or unique natural features at the locations specified above if it proceeds according to the plans provided. Please contact me for an evaluation if the project plans are changed.

Thank you in for your coordination in addressing the protection of Michigan's natural resource heritage. Responses and correspondence can be sent to: Michigan Department of Natural Resources, Wildlife Division – Natural Heritage Program, PO Box 30180, Lansing, MI 48909. If you have further questions, please call me at 517-373-1263 or e-mail at SargentL@michigan.gov.

Sincerely,

Lori G. Sargent
Endangered Species Specialist
Wildlife Division

NATURAL RESOURCES COMMISSION

Keith J. Charters, Chair • Mary Brown • Hurley J. Coleman, Jr. • John Madigan • Timothy L. Nichols • J. R. Richardson • Frank Wheatlake

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www.michigan.gov/dnr • (517) 373-2329

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Memo to File

From: Nicholas Mueller, FEMA Region V Environmental Protection Specialist

Date: 10/22/2009

Subject: Section 7 Endangered Species Act Consultation - WJR Transmitter Site, 15725 Sibley Road, Riverview, Michigan

The Federal Emergency Management Agency has created an Environmental Assessment for the removal of an existing fuel system with the installation of a new 12,000-gallon diesel Underground Storage Tank (UST) and auxiliary fuel system at the WJR Transmitter facility located at 15725 Sibley Road, Riverview, Wayne County, Michigan. In compliance with Section 7 of the Endangered Species Act, a review of the potential impacts to federally listed endangered, threatened and candidate species has been completed. According to the U.S. Fish and Wildlife technical assistance website, the following federally listed species are known to occur in Wayne County: Indiana Bat, Northern riffleshell, Eastern massasauga, Rayed bean mussel and the Eastern prairie fringed orchid.

On April 30, 2009, a survey for potential habitat for the above species was performed at the WJR Transmitter site by consulting biologist Janine Mushock. The proposed site consists of a mowed grassy field within the existing WJR radio tower property. The parent tract WJR radio tower facility is bound to the north by Sibley Road followed by a residential area, to the east by a golf course, to the south by a landfill, and to the west by a residential area. No streams, springs, ponds, or other water sources are located on the proposed construction site or larger parent tract. The closest water source to the proposed site is the Detroit River, located approximately 2.5 miles east of the site. No suitable habitat for the listed endangered threatened and candidate species exists at the WJR Transmitter site.

Based on the site reconnaissance and project activity, the Proposed Action at the WJR Transmitter site will have "no effect" on the listed species, their habitats or proposed or designated critical habitat.

County	Species	Status	Habitat
Wayne	Indiana bat (<i>Myotis sodalis</i>)	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Wayne	Eastern massasauga (<i>Sistrurus catenatus catenatus</i>)	Candidate	
Wayne	Northern riffleshell (<i>Dysnomia torulosa rangiana</i>)	Endangered	Large streams and small rivers in firm sand of riffle areas; also occurs in Lake Erie
	Rayed bean (<i>Villosa fabalis</i>)	Candidate	
Wayne	Eastern prairie fringed orchid (<i>Plantathera leucophaea</i>)	Threatened	Mesic to wet prairies and meadows

Revised November 2008

County Element Data

Choose a new county

NOTE: Due to the recent changes in Michigan's Official List of Endangered and Threatened Species, 9, 2009, MNFI's species lists will contain minor discrepancies. We are currently working to correct these.

Wayne County

Current as of 7/17/2008

Scientific Name	Common Name	Federal Status	State Status
<i>Acipenser fulvescens</i>	Lake Sturgeon		T
<i>Adlumia fungosa</i>	Climbing Fumitory		SC
<i>Alasmidonta marginata</i>	Elktoe		SC
<i>Ambystoma texanum</i>	Smallmouth Salamander		E
<i>Ammocrypta pellucida</i>	Eastern Sand Darter		T
<i>Ammodramus henslowii</i>	Henslow's Sparrow		T
<i>Ammodramus savannarum</i>	Grasshopper Sparrow		SC
<i>Angelica venenosa</i>	Hairy Angelica		SC
<i>Arabis missouriensis</i> var. <i>deamii</i>	Missouri Rock-cress		SC
<i>Aristida longespica</i>	Three-awned Grass		T
<i>Aristolochia serpentaria</i>	Virginia Snakeroot		T
<i>Asclepias hirtella</i>	Tall Green Milkweed		T
<i>Asclepias sullivantii</i>	Sullivant's Milkweed		T
<i>Calephelis mutica</i>	Swamp Metalmark		SC
<i>Camassia scilloides</i>	Wild-hyacinth		T
<i>Carex frankii</i>	Frank's Sedge		SC
<i>Carex squarrosa</i>	Sedge		SC
<i>Castanea dentata</i>	American Chestnut		E
<i>Clemmys guttata</i>	Spotted Turtle		T
<i>Clinostomus elongatus</i>	Redside Dace		E
<i>Cyclonaias tuberculata</i>	Purple Wartyback		SC
<i>Cyperus flavescens</i>	Yellow Nut-grass		SC
<i>Diarrhena americana</i>	Beak Grass		T
<i>Disporum maculatum</i>	Nodding Mandarin		X
<i>Eleocharis engelmannii</i>	Engelmann's Spike-rush		SC

<i>Epioblasma obliquata perobliqua</i>	White Catspaw	LE	E
<i>Epioblasma torulosa rangiana</i>	Northern Riffleshell	LE	E
<i>Epioblasma triquetra</i>	Snuffbox		E
<i>Eragrostis pilosa</i>	Small Love Grass		SC
<i>Euonymus atropurpurea</i>	Wahoo		SC
<i>Euphorbia commutata</i>	Tinted Spurge		T
<i>Euphyes dukesi</i>	Dukes' Skipper		T
<i>Falco peregrinus</i>	Peregrine Falcon		E
Floodplain Forest			
<i>Fraxinus profunda</i>	Pumpkin Ash		T
<i>Galearis spectabilis</i>	Showy Orchis		T
<i>Gentianella quinquefolia</i>	Stiff Gentian		T
<i>Geum virginianum</i>	Pale Avens		SC
Great Blue Heron Rookery	Great Blue Heron Rookery		
Great Lakes Marsh			
<i>Gymnocladus dioicus</i>	Kentucky Coffee-tree		SC
<i>Haliaeetus leucocephalus</i>	Bald Eagle		T
<i>Hibiscus moscheutos</i>	Swamp Rose-mallow		SC
<i>Hybanthus concolor</i>	Green Violet		SC
<i>Hydrastis canadensis</i>	Goldenseal		T
<i>Hypericum gentianoides</i>	Gentian-leaved St. John's-wort		SC
<i>Ixobrychus exilis</i>	Least Bittern		T
<i>Jeffersonia diphylla</i>	Twinleaf		SC
<i>Juncus brachycarpus</i>	Short-fruited Rush		T
<i>Juncus vaseyi</i>	Vasey's Rush		T
<i>Justicia americana</i>	Water-willow		T
<i>Lactuca floridana</i>	Woodland Lettuce		T
Lakeplain Oak Openings			
Lakeplain Wet Prairie	Alkaline Wet Prairie, Midwest Type		
Lakeplain Wet-mesic Prairie	Alkaline Tallgrass Prairie, Midwest Type		
<i>Lampsilis fasciola</i>	Wavy-rayed Lampmussel		T
<i>Leucospora multifida</i>	Conobea		SC
<i>Liatris squarrosa</i>	Blazing-star		X
<i>Liparis liliifolia</i>	Purple Twayblade		SC
<i>Ludwigia alternifolia</i>	Seedbox		SC
<i>Lycopodium appressum</i>	Northern Prostrate Clubmoss		SC
<i>Lycopus virginicus</i>	Virginia Water-horehound		T
<i>Lysimachia hybrida</i>	Swamp Candles		SC

<i>Macrhybopsis storeriana</i>	Silver Chub		SC
Mesic Sand Prairie	Moist Sand Prairie, Midwest Type		
Mesic Southern Forest	Rich Forest, Central Midwest Type		
<i>Mimulus alatus</i>	Wing-stemmed Monkey-flower		X
<i>Morus rubra</i>	Red Mulberry		T
<i>Moxostoma carinatum</i>	River Redhorse		T
<i>Myotis sodalis</i>	Indiana Bat or Indiana Myotis	LE	E
<i>Nelumbo lutea</i>	American Lotus		T
<i>Notropis anogenus</i>	Pugnose Shiner		SC
<i>Noturus miurus</i>	Brindled Madtom		SC
<i>Noturus stigmosus</i>	Northern Madtom		E
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron		SC
<i>Obovaria olivaria</i>	Hickorynut		SC
<i>Obovaria subrotunda</i>	Round Hickorynut		E
<i>Opsopoeodus emilliae</i>	Pugnose Minnow		E
<i>Panax quinquefolius</i>	Ginseng		T
<i>Pantherophis gloydi</i>	Eastern Fox Snake		T
<i>Penstemon pallidus</i>	Pale Beard Tongue		SC
<i>Percina copelandi</i>	Channel Darter		E
<i>Percina shumardi</i>	River Darter		E
<i>Phaseolus polystachios</i>	Wild Bean		SC
<i>Platanthera leucophaea</i>	Prairie Fringed Orchid	LT	E
<i>Pleurobema sintoxia</i>	Round Pigtoe		SC
<i>Polygala cruciata</i>	Cross-leaved Milkwort		SC
<i>Pomatiopsis cincinnatiensis</i>	Brown Walker		SC
<i>Potentilla paradoxa</i>	Sand Cinquefoil		T
<i>Quercus shumardii</i>	Shumard's oak		SC
<i>Rallus elegans</i>	King Rail		E
<i>Rhexia virginica</i>	Meadow-beauty		SC
<i>Rotala ramosior</i>	Tooth-cup		SC
<i>Ruellia humilis</i>	Hairy Ruellia		T
<i>Sagittaria montevidensis</i>	Arrowhead		T
<i>Sander canadensis</i>	Sauger		T
<i>Sanguisorba canadensis</i>	Canadian Burnet		T
<i>Scirpus clintonii</i>	Clinton's Bulrush		SC
<i>Scleria pauciflora</i>	Few-flowered Nut-rush		E
<i>Scleria triglomerata</i>	Tall Nut-rush		SC
<i>Silene virginica</i>	Fire Pink		T

Silphium laciniatum	Compass-plant		T
Silphium perfoliatum	Cup-plant		T
Simpsonaias ambigua	Salamander Mussel		E
Sistrurus catenatus catenatus	Eastern Massasauga	C	SC
Sisyrinchium hastile	Blue-eyed-grass		X
Smilax herbacea	Smooth Carrion-flower		SC
Speyeria idalia	Regal Fritillary		E
Spiza americana	Dickcissel		SC
Sterna forsteri	Forster's Tern		SC
Sterna hirundo	Common Tern		T
Strophostyles helvula	Trailing Wild Bean		SC
Sturnella neglecta	Western Meadowlark		SC
Stylurus laurae	Laura's Snaketail		SC
Stylurus notatus	Elusive Snaketail		SC
Stylurus plagiatus	Russet-tipped Clubtail		SC
Trillium recurvatum	Prairie Trillium		T
Villosa fabalis	Rayed Bean	C	E
Villosa iris	Rainbow		SC
Wet-mesic Flatwoods			
Wisteria frutescens	Wisteria		T
Zizania aquatica var. aquatica	Wild-rice		T

For assistance with this site, email mnfi@msu.edu

MSU Extension programs and materials are open to all without regard to race, color, national origin, gender, religion, & beliefs, sexual orientation, marital status or family status.

U.S. Department of Homeland Security
Federal Emergency Management Agency
536 S. Clark St, 6th Floor
Chicago, Illinois 60605-1521



FEMA

Hannahville Indian Community Council
N14911 Hannahville B1 Road
Wilson, Michigan 49896-9728

Re: Request for Project Review – Primary Entry Point Administrative Council – Replace Existing Underground Storage Tank and Auxiliary Fuel Systems with New Underground Storage Tank and Equipment – WJR Transmitter Site – Riverview, Michigan

Mr. Kenneth Meshiguad:

The Federal Emergency Management Agency (FEMA) is re-submitting a request for project review for the WJR Transmitter Project that was previously submitted by Terracon Consulting Engineers on May 4, 2009. The original consultation request failed to disclose this activity as a federally funded activity. If this additional information related to the funding source does not impact your previous comments or response, there is no need to respond to this letter.

The proposed action will include the replacement of an existing underground storage tank (UST) with a new 12,000 gallon, double-walled fiberglass reinforced plastic UST with automatic tank monitoring and leak protection equipment, and replacement of the ancillary fuel system. The proposed action will also include upgrading secondary containment in the generator room floor area. The new UST will be located south of the existing generator and transmitter buildings. The proposed action is located at 15725 Sibley Road, Riverview, Michigan (longitude -83.2146780000 and latitude 42.1696230000).

A project description and exhibits including a USGS map, an aerial photograph, proposed schematics, and site photographs are attached. Please review and provide comments to me on the impacts to endangered species and water resources at the letterhead address. If you have any questions or require additional information, please call me at (312) 408-5440 or email me at amanda.ratliff@dhs.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "A.C. Ratliff".

Amanda C. Ratliff
Regional Environmental Officer

Enclosures

Amanda C. Ratliff
Regional Environmental Officer
FEMA
536 S. Clark St. 6th Floor
Chicago, Illinois 60605-1521

Re: Tribal Consultation Response Letter
Applicant Name: Primary Entry Point Administrative Council, Inc.
Site Name: WJR Transmitter Site
15725 Sibley Road
Riverview, Wayne County, Michigan
Terracon Project No. 20099017

Dear Ms. Ratliff:

I have reviewed your Consultation Request under Section 106 of the National Historic Preservation Act regarding the Proposed Action referenced above and offer the following response as indicated by the box that is checked and my initials.

- NO INTEREST _____ (Initials of duly authorized Tribal official)
I have determined that there is not a likelihood of eligible properties of religious and cultural significance to the Hannahville Indian Community Council in the Proposed Action construction area.
- REQUEST ADDITIONAL INFORMATION _____ (Initials of duly authorized Tribal official)
I require the following additional information in order to provide a finding of effect for this proposed undertaking: _____.
- NO EFFECT _____ (Initials of duly authorized Tribal official)
I have determined that there are no properties of religious and cultural significance to the Hannahville Indian Community Council that are listed on the National Register within the area of potential effect or that the proposed project will have no effect on any such properties that may be present.
- NO ADVERSE EFFECT _____ (Initials of duly authorized Tribal official)
I have identified properties of cultural and religious significance within the area of effect that I believe are eligible for listing in the National Register, for which there would be no adverse effect as a result of the proposed tower construction project.
- ADVERSE EFFECT _____ (Initials of duly authorized Tribal official)
I have identified properties of cultural and religious significance within the area of potential effect that are eligible for listing in the National Register. I believe the proposed communication tower construction project would cause an adverse effect on these properties.

_____ (Signature of duly authorized Tribal official)

_____ (Printed Name/Title)

_____ (Name of Tribe)

_____ (Date)



HANNAHVILLE
INDIAN COMMUNITY
N14911 HANNAHVILLE B1 RD.
WILSON, MICHIGAN 49896-9728

Administration: (906) 466-2932 Fax: (906) 466-2933
Accounting Office: (906) 466-9933 Fax: (906) 466-2001



May 12, 2009

Terracon
Janine Mushock
301 North Howes
Ft. Collins, CO 80521

RE: Project Number: 20099017

Dear Ms. Mushock:

On behalf of the Hannahville Indian Community I would like to thank Terracon for your inquiry as to whether your above cited project may come into conflict with the National Environmental Policy Act (NEPA), Native American Graves Protection and Repatriation Act, 25 U.S.C. 3001 et seq., and the applicable regulations at 47 CFR § 1.1307. The burial grounds and artifacts of our ancestors are very dear to our community and we take all construction projects that may affect our ancestors and tribal history very seriously.

After a review of the specifications of your project, it is the belief of my staff and myself that your project does not affect any Indian religious site or burial ground of the Hannahville Indian Community and would not offend any federal law in place. We do ask that your firm give the tribe notice if any burial ground or artifacts are uncovered during the construction process.

If you have any other questions please do not hesitate to call me at (906) 466-2934. Once again I would like to thank you for taking to time to contact my office on this matter.

Sincerely,

Kenneth Meshigaud T.C.

Kenneth Meshigaud
Tribal Chairperson

KENNETH MESHIGAUD
Tribal Chairperson

ELAINE MESHIGAUD
Vice Chairperson

TAMMY WANDAHSEGA
Secretary

LISA MESHIGAUD
Treasurer

Council Members: Robin Halfaday, Earl Meshigaud, Ann Saboo, Henry Philemon Jr.,
John Meshigaud, Jeremiah Jackson, Chad Harris, William Sagataw

U.S. Department of Homeland Security
Federal Emergency Management Agency
536 S. Clark St, 6th Floor
Chicago, Illinois 60605-1521



Ottawa Tribe of Oklahoma
PO Box 110
Miami, Oklahoma 74355

Re: Request for Project Review – Primary Entry Point Administrative Council – Replace Existing Underground Storage Tank and Auxiliary Fuel Systems with New Underground Storage Tank and Equipment – WJR Transmitter Site – Riverview, Michigan

Mr. Charles Todd:

The Federal Emergency Management Agency (FEMA) is re-submitting a request for project review for the WJR Transmitter Project that was previously submitted by Terracon Consulting Engineers on May 4, 2009. The original consultation request failed to disclose this activity as a federally funded activity. If this additional information related to the funding source does not impact your previous comments or response, there is no need to respond to this letter.

The proposed action will include the replacement of an existing underground storage tank (UST) with a new 12,000 gallon, double-walled fiberglass reinforced plastic UST with automatic tank monitoring and leak protection equipment, and replacement of the ancillary fuel system. The proposed action will also include upgrading secondary containment in the generator room floor area. The new UST will be located south of the existing generator and transmitter buildings. The proposed action is located at 15725 Sibley Road, Riverview, Michigan (longitude -83.2146780000 and latitude 42.1696230000).

A project description and exhibits including a USGS map, an aerial photograph, proposed schematics, and site photographs are attached. Please review and provide comments to me at the letterhead address. If you have any questions or require additional information, please call me at (312) 408-5440 or email me at amanda.ratliff@dhs.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "A.C. Ratliff", is written over a light blue horizontal line.

Amanda C. Ratliff
Regional Environmental Officer

Enclosures

Amanda C. Ratliff
Regional Environmental Officer
FEMA
536 S. Clark St. 6th Floor
Chicago, Illinois 60605-1521

Re: Tribal Consultation Response Letter
Applicant Name: Primary Entry Point Administrative Council, Inc.
Site Name: WJR Transmitter Site
15725 Sibley Road
Riverview, Wayne County, Michigan
Terracon Project No. 20099017

Dear Ms. Ratliff:

I have reviewed your Consultation Request under Section 106 of the National Historic Preservation Act regarding the Proposed Action referenced above and offer the following response as indicated by the box that is checked and my initials.

- NO INTEREST _____ (Initials of duly authorized Tribal official)
I have determined that there is not a likelihood of eligible properties of religious and cultural significance to the Ottawa Tribe in the Proposed Action construction area.
- REQUEST ADDITIONAL INFORMATION _____ (Initials of duly authorized Tribal official)
I require the following additional information in order to provide a finding of effect for this proposed undertaking: _____.
- NO EFFECT _____ (Initials of duly authorized Tribal official)
I have determined that there are no properties of religious and cultural significance to the Ottawa Tribe that are listed on the National Register within the area of potential effect or that the proposed project will have no effect on any such properties that may be present.
- NO ADVERSE EFFECT _____ (Initials of duly authorized Tribal official)
I have identified properties of cultural and religious significance within the area of effect that I believe are eligible for listing in the National Register, for which there would be no adverse effect as a result of the proposed tower construction project.
- ADVERSE EFFECT _____ (Initials of duly authorized Tribal official)
I have identified properties of cultural and religious significance within the area of potential effect that are eligible for listing in the National Register. I believe the proposed communication tower construction project would cause an adverse effect on these properties.

_____ (Signature of duly authorized Tribal official)

_____ (Printed Name/Title)

_____ (Name of Tribe)

_____ (Date)

U.S. Department of Homeland Security
Federal Emergency Management Agency
536 S. Clark St, 6th Floor
Chicago, Illinois 60605-1521



Forest County Potawatomi Community
PO Box 340
Crandon, Wisconsin 54520

Re: Request for Project Review – Primary Entry Point Administrative Council – Replace Existing Underground Storage Tank and Auxiliary Fuel Systems with New Underground Storage Tank and Equipment – WJR Transmitter Site – Riverview, Michigan

Ms. Clarice M. Werle:

The Federal Emergency Management Agency (FEMA) is re-submitting a request for project review for the WJR Transmitter Project that was previously submitted by Terracon Consulting Engineers on May 4, 2009. The original consultation request failed to disclose this activity as a federally funded activity. If this additional information related to the funding source does not impact your previous comments or response, there is no need to respond to this letter.

The proposed action will include the replacement of an existing underground storage tank (UST) with a new 12,000 gallon, double-walled fiberglass reinforced plastic UST with automatic tank monitoring and leak protection equipment, and replacement of the ancillary fuel system. The proposed action will also include upgrading secondary containment in the generator room floor area. The new UST will be located south of the existing generator and transmitter buildings. The proposed action is located at 15725 Sibley Road, Riverview, Michigan (longitude -83.2146780000 and latitude 42.1696230000).

A project description and exhibits including a USGS map, an aerial photograph, proposed schematics, and site photographs are attached. Please review and provide comments to me at the letterhead address. If you have any questions or require additional information, please call me at (312) 408-5440 or email me at amanda.ratliff@dhs.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "A.C. Ratliff", is written over a light blue circular stamp that is partially obscured by the signature.

Amanda C. Ratliff
Regional Environmental Officer

Enclosures

Amanda C. Ratliff
Regional Environmental Officer
FEMA
536 S. Clark St. 6th Floor
Chicago, Illinois 60605-1521

Re: Tribal Consultation Response Letter
Applicant Name: Primary Entry Point Administrative Council, Inc.
Site Name: WJR Transmitter Site
15725 Sibley Road
Riverview, Wayne County, Michigan
Terracon Project No. 20099017

Dear Ms. Ratliff:

I have reviewed your Consultation Request under Section 106 of the National Historic Preservation Act regarding the Proposed Action referenced above and offer the following response as indicated by the box that is checked and my initials.

- NO INTEREST _____ (Initials of duly authorized Tribal official)
I have determined that there is not a likelihood of eligible properties of religious and cultural significance to the Forest County Potawatomi Community in the Proposed Action construction area.
- REQUEST ADDITIONAL INFORMATION _____ (Initials of duly authorized Tribal official)
I require the following additional information in order to provide a finding of effect for this proposed undertaking: _____.
- NO EFFECT _____ (Initials of duly authorized Tribal official)
I have determined that there are no properties of religious and cultural significance to the Forest County Potawatomi Community that are listed on the National Register within the area of potential effect or that the proposed project will have no effect on any such properties that may be present.
- NO ADVERSE EFFECT _____ (Initials of duly authorized Tribal official)
I have identified properties of cultural and religious significance within the area of effect that I believe are eligible for listing in the National Register, for which there would be no adverse effect as a result of the proposed tower construction project.
- ADVERSE EFFECT _____ (Initials of duly authorized Tribal official)
I have identified properties of cultural and religious significance within the area of potential effect that are eligible for listing in the National Register. I believe the proposed communication tower construction project would cause an adverse effect on these properties.

_____ (Signature of duly authorized Tribal official)

_____ (Printed Name/Title)

_____ (Name of Tribe)

_____ (Date)