

FCC NEPA Environmental Checklist
TCNS ID 81113

Proposed 50-Foot (Overall Height with Appurtenances)
Mast Telecommunications Structure
Culebra Temporary Tower
Off A Private Dirt Road
San Ildefonso, Culebra County, Puerto Rico

submitted to

Western New Life, Inc.
P.O. Box 7707
Caguas, P.R. 00726-7707

by

ENVIRONMENTAL CORPORATION OF AMERICA
1375 UNION HILL INDUSTRIAL COURT, SUITE A
ALPHARETTA, GEORGIA 30004

ECA Project No.: M-1076



ENVIRONMENTAL CORPORATION OF AMERICA

December 8, 2011

Western New Life, Inc.
P.O. Box 7707
Caguas, P.R. 00726-7707

Attention: Mr. Juan Carlos Matos

Subject: **FCC NEPA Environmental Checklist
Proposed 50-Foot (Overall Height with Appurtenances)
Mast Telecommunications Structure
Culebra Temporary Tower
Off A Private Dirt Road
San Ildefonso, Culebra County, Puerto Rico
TCNS ID 81113
ECA Project: M-1076**

Dear Mr. Juan Carlos Matos:

Environmental Corporation of America (ECA) is pleased to provide this FCC NEPA Environmental Checklist report for the construction of a proposed temporary telecommunications tower. ECA understands that a proposed 50-foot tall overall height mast telecommunications structure would be constructed within the project area. The structure would be encompassed within a fenced compound for security purposes. A mid-size rack within a weather enclosure/shelter and a solar panel with batteries would also be placed within the fenced area. The project area would be accessed via an existing dirt road. The project area location is shown on Figure 1 of Attachment A.

ECA has used the *FCC Environmental Compliance Checklist* in our evaluation of the undertaking for FCC Environmental Compliance (Attachment B). Where applicable, we have consulted the Agency sources indicated in Attachments A through G.

The subject property is privately owned. The facility would not be located within an officially designated federal wilderness area or wildlife preserve.

Based on the information reviewed as part of an Informal Biological Assessment (IBA), ECA has found no evidence suggesting that federally protected species inhabit the site or the immediate site area (impact zone). ECA believes it is unlikely the proposed facility would affect federally listed, threatened or endangered species or designated critical habitat. ECA's findings

with respect to federally listed, threatened or endangered species or designated critical habitat are included in the IBA in Attachment C.

The *Nationwide Programmatic Agreement for Review Under the National Preservation Act* (NPA) signed into effect on March 7, 2005 stipulates that certain federal undertakings are not subject to Section 106 Review by the State Historic Preservation Office (SHPO) pursuant to the Federal Communications Commission (FCC) environmental rules because certain types of undertakings are deemed unlikely to adversely impact Historic Properties. The FCC, the Advisory Council on Historic Preservation, and the National Conference of State Historic Preservation Officers have agreed that construction of any temporary communications facility is excluded from Section 106 Review, assuming that the project involves no excavation and that the tower is to be placed at the site for no more than twenty-four months (III.C).

ECA identified no federally recognized tribes that may attach religious and cultural significance to Historic Properties within the area of the proposed undertaking. ECA initially contacted the FCC utilizing the Tower Construction Notification System (TCNS) on November 22, 2011 (TCNS ID 81113). Any interested tribes would have received initial notification from the FCC by November 25, 2011. Documentation of our tribal consultation is included in Attachment D.

If inadvertent discoveries of Native American cultural materials or human remains are made during construction, all work should cease and the State Historic Preservation Office should be notified immediately. ECA recommends that a statement to this effect be incorporated into the construction plans, drawings, and documents for the facility.

According to the appropriate Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Panel, the facility would not be located in a Special Flood Hazard Area of the 100-year floodplain (Attachment E).

Based on the research performed and our site visit, it does not appear that jurisdictional waters or wetlands would be impacted by the proposed facility (Attachment F).

We understand that high intensity white lights would not be deployed in conjunction with the proposed undertaking. Further, this NEPA Review includes evaluation of impacts or effects relative to RF Exposure. For RF Exposure assessment, ECA relies solely on the project RF Engineers.

In summary, ECA has found no evidence that adverse environmental impacts or effects, as defined in the FCC Rules contained in 47 CFR Sections 1.1301 through 1.1319, would result from the undertaking.

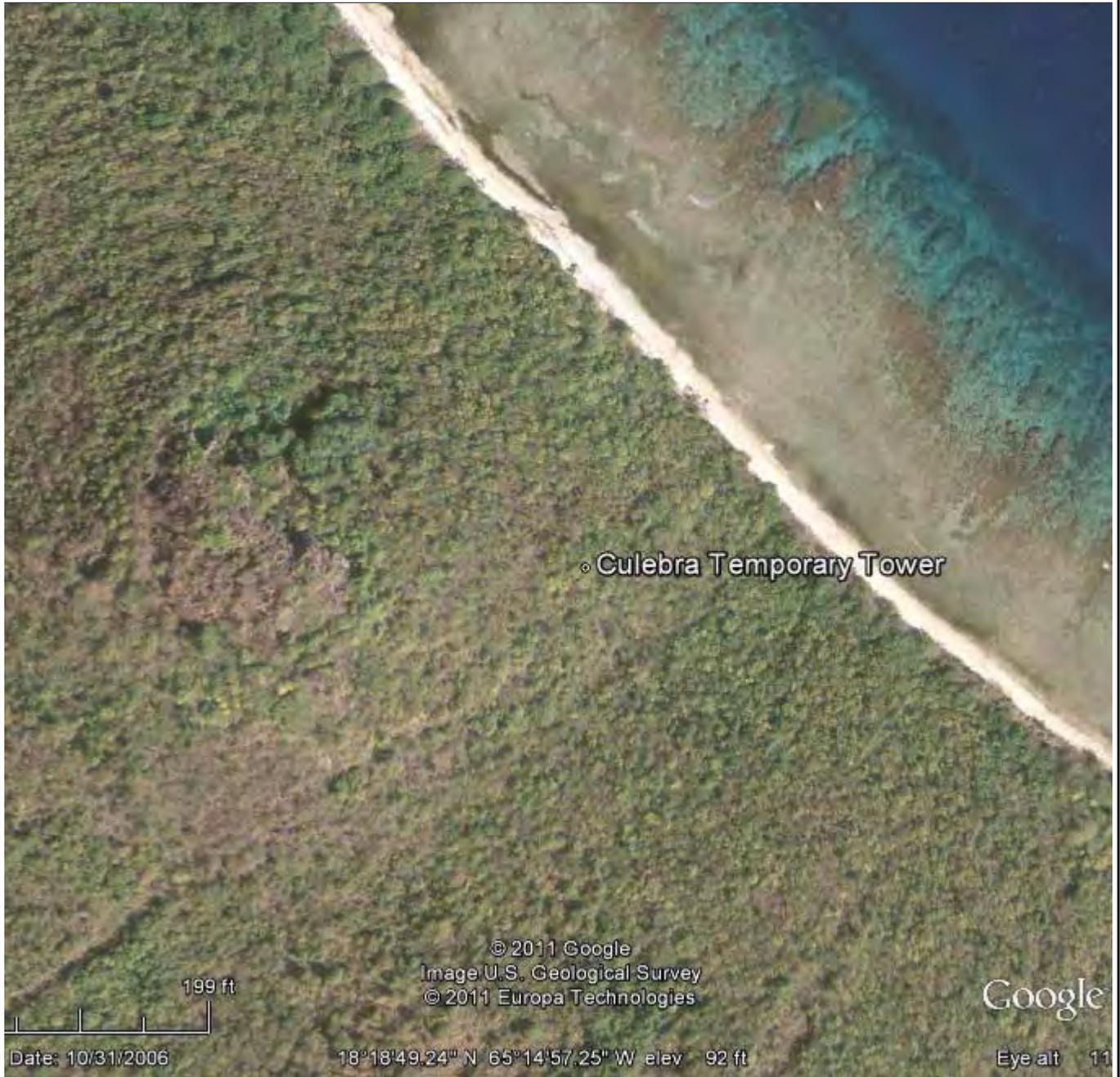
We appreciate this opportunity to provide you with these professional services. If you have any questions regarding this report or the project in general, please call at your convenience.

Sincerely yours,
Environmental Corporation of America


Mary E. Seagrave, MA
Project Manager


Ben Salter, REP
Principal Biologist

ATTACHMENT A
SITE LOCATION MAP



Source: Google Earth 2006 Aerial Photograph.



Culebra Temporary Tower
Off A Private Dirt Road
San Ildefonso, Culebra County, Puerto Rico

Figure 1: 2006 Aerial Photograph



ECA Proj. #M-1076

ATTACHMENT B

FCC NEPA ENVIRONMENTAL COMPLIANCE CHECKLIST

FCC Environmental Compliance Checklist

Site Name: Culebra Temporary Tower
ECA Project No: M-1076

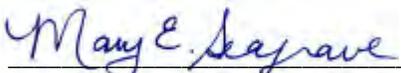
Date: December 8, 2011

YES

NO

- | | | |
|-------|-----------|---|
| _____ | <u>X</u> | 1. Will the facility be located in an officially designated wilderness area? |
| _____ | <u>X</u> | 2. Will the facility be located in an officially designated wildlife preserve? |
| _____ | <u>X</u> | 3. Will the facility affect federally listed, threatened or endangered species or designated critical habitats? |
| _____ | <u>X</u> | 4. Is the facility likely to jeopardize the continued existence of any federally proposed endangered or threatened species or likely to result in the destruction or adverse modification of proposed critical habitats? |
| _____ | <u>X*</u> | 5. Will the facility affect districts, sites, buildings, structures, objects, or other cultural resources listed, or eligible for listing, in the National Register of Historic Places?
<small>* The <i>Nationwide Programmatic Agreement for Review Under the National Preservation Act</i> (NPA) signed into effect on March 7, 2005 stipulates certain federal undertakings are not subject to Section 106 Review by the State Historic Preservation Office (SHPO). This undertaking meets the exclusion.</small> |
| _____ | <u>X</u> | 6. Will the facility affect Indian religious sites? |
| _____ | <u>X</u> | 7. Will the facility be located in a 100-year floodplain? |
| _____ | <u>X</u> | 8. Will the construction of the facility involve a significant change in surface features (e.g., wetland fill, deforestation, or water diversion)? |
| _____ | <u>X</u> | 9. Will the antenna or tower and/or supporting structure be equipped with high intensity white lights and be located in or near a residential neighborhood, as defined by the applicable zoning law? |
| _____ | <u>X</u> | 10. Will the proposed facility fall within the categories listed in Table 1 of Section 1.1307(b) and cause exposure of workers or general public to levels of radio-frequency radiation in excess of the limits in Section 1.1310? |

IF ALL THE QUESTIONS ABOVE WERE ANSWERED "NO", NO FURTHER ACTION IS REQUIRED FOR FCC ENVIRONMENTAL PURPOSES.


PROJECT MANAGER


REVIEWED BY

ATTACHMENT C

PROTECTED SPECIES INFORMATION



ENVIRONMENTAL CORPORATION OF AMERICA

December 6, 2011

Western New Life, Inc.
P.O. Box 7707
Caguas, P.R. 00726-7707

Attention: Mr. Juan Carlos Matos

**Subject: Informal Biological Assessment
Proposed 50-Foot (Overall Height with Appurtenances)
Mast Telecommunications Structure
Culebra Temporary Tower
Off A Private Dirt Road
San Ildefonso, Culebra County, Puerto Rico
N 18° 18' 49", W 65° 14' 57"
ECA Project Number: M-1076**

Dear Mr. Juan Carlos Matos:

Environmental Corporation of America (ECA) is pleased to provide this report of our Informal Biological Assessment for the project area.

Background

The project location is shown on a recent aerial photograph in Figure 1 in Appendix A. Western New Life, Inc. plans to construct a 50-foot tall (overall height with appurtenances) temporary mast telecommunications structure within the project area.

The project would include an area of minimal impact upon which the temporary structure would be placed. The structure would be encompassed within a fenced compound for security purposes. A mid-size rack within a weather enclosure/shelter and a solar panel with batteries would also be placed within the fenced area. The project area would be accessed via an existing dirt road. The proposed structure would not be lighted and guy wires would not be used. Additionally, it is our understanding that no clearing and no ground disturbance would be associated with the installation of the proposed mast or associated ground equipment. Photographs of the project area are attached in Appendix B. Descriptions of the photographs are provided beneath each photograph.

No evidence of surface waters or wetland indicators were observed during our review of available materials. In addition, according to the National Wetland Inventory Map overlay for the site area (See Appendix A), no jurisdictional waters or wetlands are mapped as being within the project area. There is an area of mapped estuarine and marine deepwater located

approximately 190 feet northeast of the project area. However, it appears that no jurisdictional waters or wetlands would be impacted by the proposed undertaking.

Purpose

The purpose of this letter is to provide you with documentation of our investigations and findings relative to federally protected species within the project area.

Review of Available Documentation and Site Inspection

ECA has reviewed the most current *U.S. Fish and Wildlife Service County List of Protected Species* for Culebra, Puerto Rico. ECA has also reviewed information from various sources pertaining to the habitat requirements of the listed species.

Discussion of Findings

Species recognized by the USFWS as inhabiting Culebra, Puerto Rico are listed in Appendix C. As the project would not occur in waters or wetlands, aquatic species are not a concern in this undertaking. These species include the loggerhead sea turtle (*Caretta caretta*), the green sea turtle (*Chelonia mydas*), the leatherback sea turtle (*Dermochelys coriacea*), the hawksbill sea turtle (*Eretmochelys imbricate*), and the Antillean manatee (*Trichechus manatus manatus*).

Additionally, the brown pelican (*Pelecanus occidentalis*), while present on the list of federally endangered species in Culebra provided by the USFWS Caribbean Office, was actually delisted due to recovery in 2009.

The Culebra giant anole (*Anolis roosevelti*), a federally endangered species, is found in forested areas dominated by large Ficus and gumbo-limbo trees. No trees are located within the project areas, which is occupied by grasses and a few shrubs. Therefore, the project area would not provide suitable habitat for the Culebra giant anole.

The Virgin Islands tree boa (*Epicrates monensis granti*), a federally endangered species, is found in second growth open woodland or above the high tide mark in coastal areas. It appears to prefer dry savannah-like habitats on islets. The project area is located in an area of that has been cleared of trees and is occupied by grasses and a few shrubs. Therefore, the project area would not provide suitable habitat for the Virgin Islands tree boa.

Leptocereus grantianus, a federally endangered species, occurs in dry thickets along rocky shorelines on the southwest part of Culebra. The project area is located in an area of that has been cleared of trees and is occupied by grasses and a few shrubs. Therefore, the project area would not provide suitable habitat for *Leptocereus grantianus*.

Mr. Juan Carlos Matos
December 6, 2011
Page 3

Wheeler's peperomia (*Peperomia wheeleri*), a federally endangered species, occurs on large granodiorite boulders beneath the semi-evergreen seasonal forest of the Monte Resaca area of Culebra Island. The project area is located in an area that has been cleared of trees and is occupied by grasses and a few shrubs. In addition, the project area is not located within the Monte Resaca area of Culebra. Therefore, the project area would not provide suitable habitat for Wheeler's peperomia.

The roseate tern (*Sterna dougallii*), a federally threatened species, is found in coastal areas and offshore cays when nesting. The project area is located in an area that has been cleared of trees and is occupied by grasses and a few shrubs. Therefore, the project area would not provide suitable habitat for the roseate tern.

Conclusions

Based on the information reviewed, we have determined that no suitable habitat for species listed by the USFWS as occurring on Culebra Island is present within the project area. Based on these findings, it is our opinion that the proposed undertaking is unlikely to jeopardize federally protected species or designated critical habitat. A Tower Site Evaluation Form is included in Appendix D.

Closure

Mary E. Seagrave of ECA collected the applicable information and compiled this report. and conducted the site visit and area inspection. Mr. Ben Salter reviewed this report. Mr. Salter is a degreed Biologist. His resume is included in Appendix E. We appreciate the opportunity to be of service. Please contact us if you have any questions.

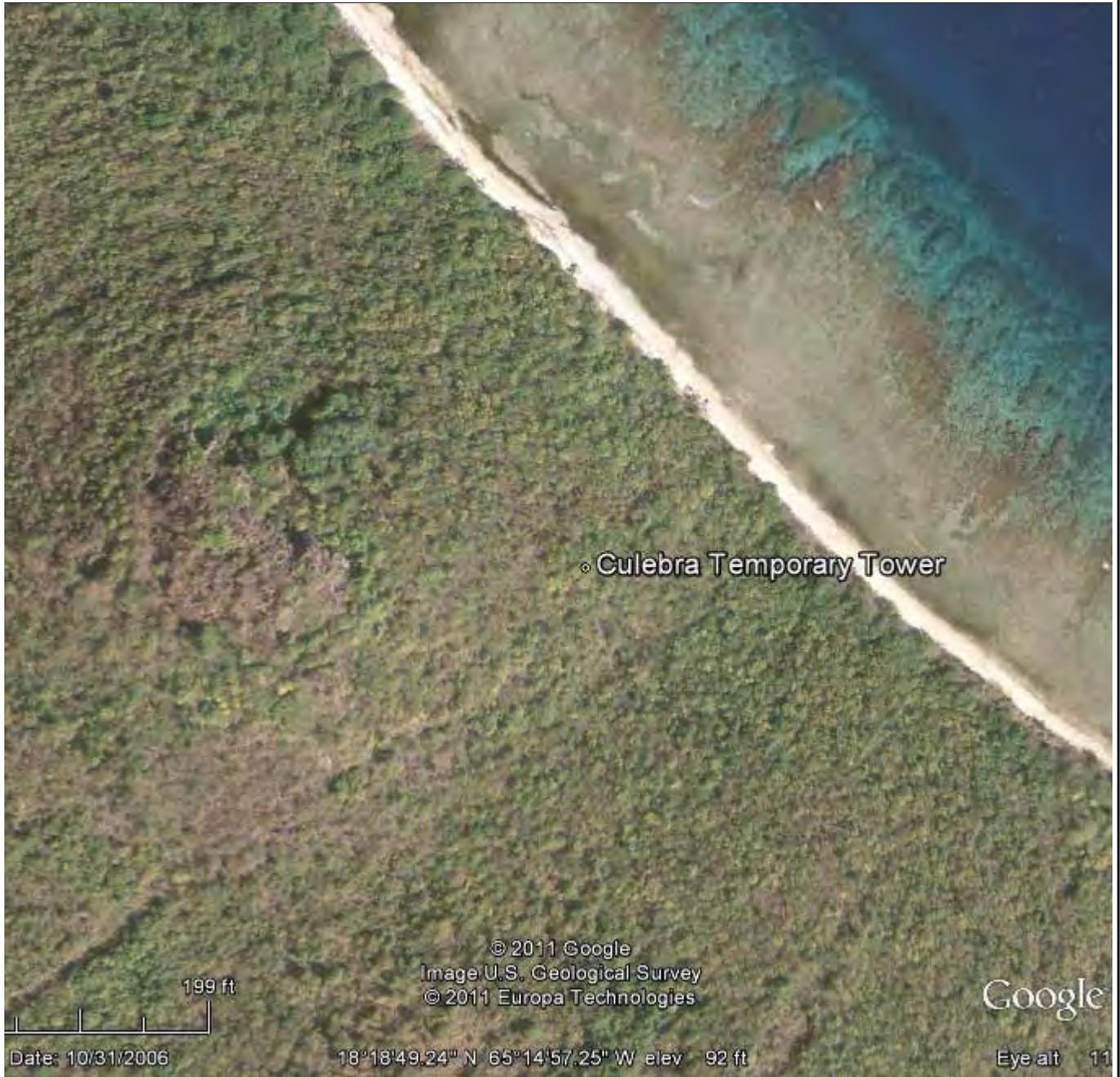
Sincerely yours,
Environmental Corporation of America


Mary E. Seagrave, MA
Project Manager


Ben Salter, REP
Principal Biologist

APPENDIX A

FIGURES



Source: Google Earth 2006 Aerial Photograph.



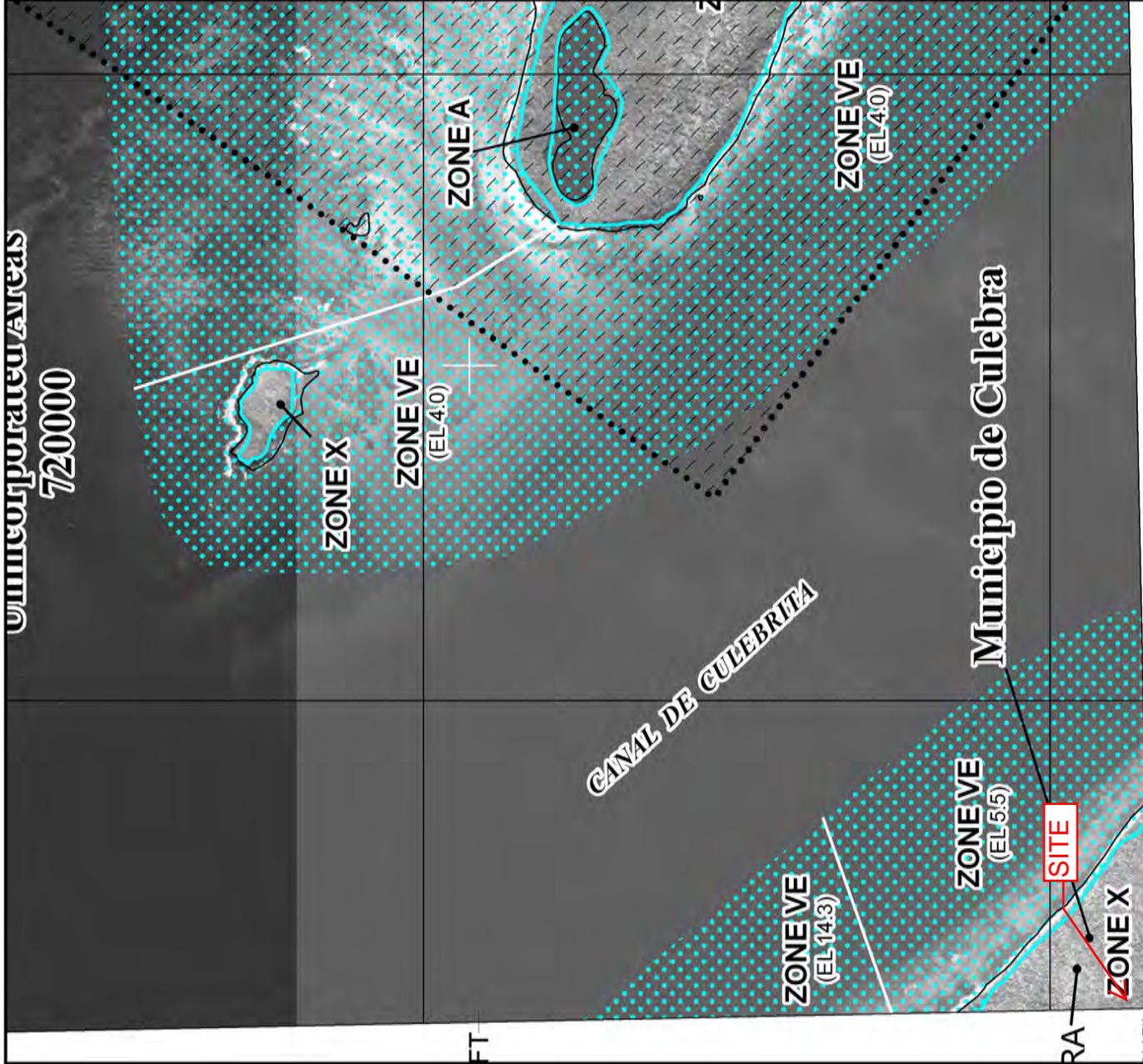
Culebra Temporary Tower
Off A Private Dirt Road
San Ildefonso, Culebra County, Puerto Rico

Figure 1: 2006 Aerial Photograph

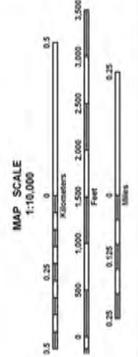


ECA Proj. #M-1076

UNINCORPORATED AREAS
720000



Community map revision history prior to Commonwealth of Puerto Rico and the Department of Planning and Economic Development is available in the Flood Insurance Study Report for this community. For more information, contact your insurance agent or call the National Flood Insurance Program at 1-800-338-6523.



NATIONAL FLOOD INSURANCE PROGRAM

NFIP

PANEL 0905J

FIRM
FLOOD INSURANCE RATE MAP
COMMONWEALTH OF
PUERTO RICO
AND MUNICIPALITIES

PANEL 905 OF 2160
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
COMMUNITY: PUERTO RICO
MAPPING: ENGINEER: [unreadable]
DATE: 2009

NOTE:
THIS MAP INCLUDES A SUMMARY OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S (FEMA) NATIONAL FLOOD INSURANCE PROGRAM (NFIP) ESTABLISHED UNDER THE COASTAL AND ESTUARINE ZONING ACT OF 1962 (16 USC 1601). THIS MAP IS A SUMMARY OF THE NFIP'S FLOOD INSURANCE RATE MAP (FIRM) FOR THE COMMUNITY OF PUERTO RICO. THE FIRM IS THE OFFICIAL SOURCE OF FLOOD INSURANCE RATES AND ZONING INFORMATION. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE USED FOR INSURANCE APPLICATIONS FOR THE SUBJECT COMMUNITY.

MAP NUMBER
720000C0905J

MAP REVISED
NOVEMBER 18, 2009

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



U.S. Fish and Wildlife Service

National Wetlands Inventory

Culebra Temporary Tower

Dec 1, 2011



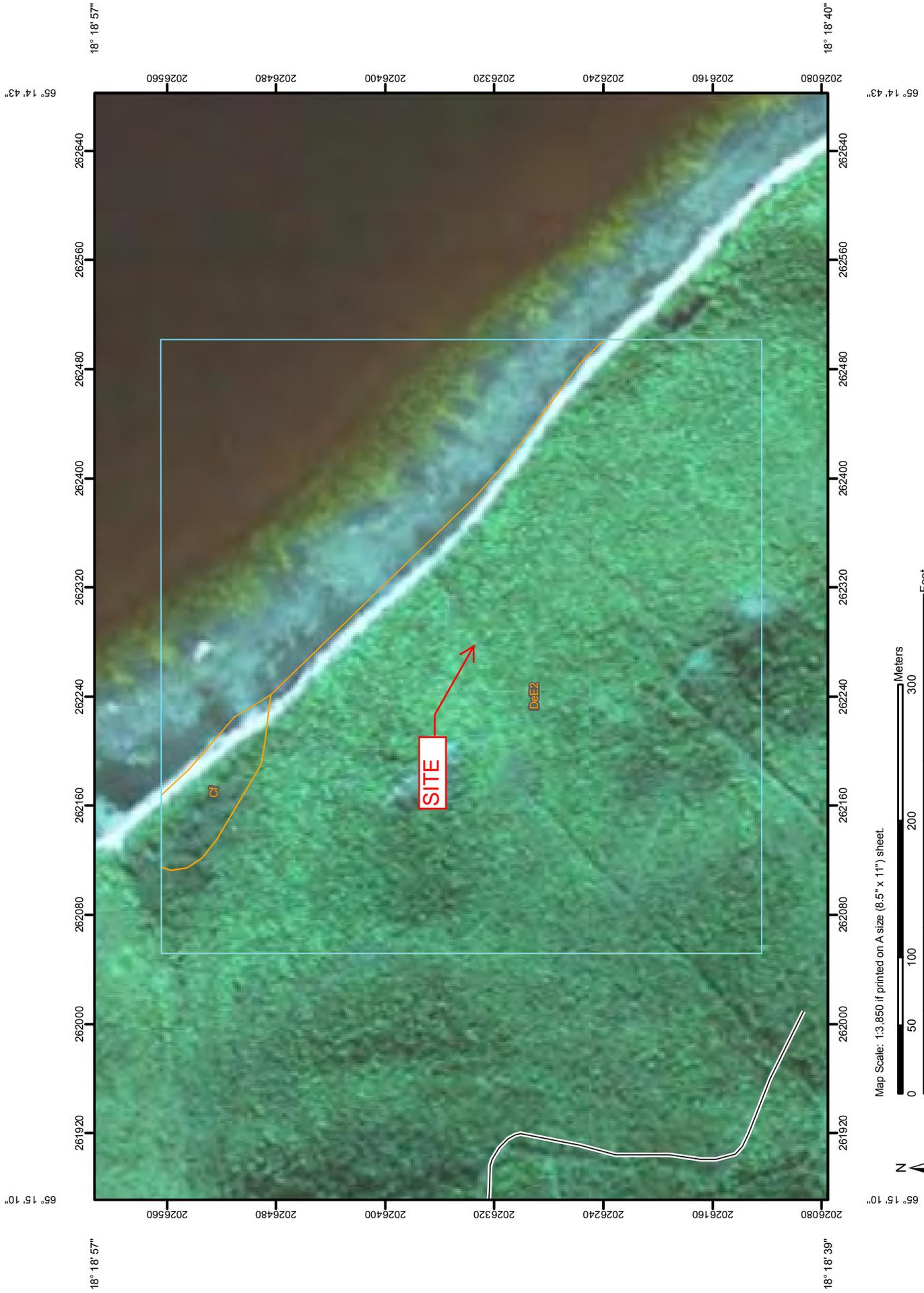
Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

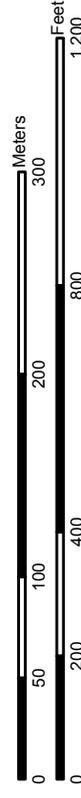
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

Soil Map—Humacao Area, Puerto Rico Eastern Part
(Culebra Temporary Tower)



Map Scale: 1:3,850 if printed on A size (8.5" x 11") sheet.



MAP LEGEND

 Area of Interest (AOI)	 Very Stony Spot
 Soil Map Units	 Wet Spot
Special Point Features	 Other
 Blowout	Special Line Features
 Borrow Pit	 Gully
 Clay Spot	 Short Steep Slope
 Closed Depression	 Other
 Gravel Pit	Political Features
 Gravelly Spot	 Cities
 Landfill	Water Features
 Lava Flow	 Streams and Canals
 Marsh or swamp	Transportation
 Mine or Quarry	 Rails
 Miscellaneous Water	 Interstate Highways
 Perennial Water	 US Routes
 Rock Outcrop	 Major Roads
 Saline Spot	 Local Roads
 Sandy Spot	
 Severely Eroded Spot	
 Sinkhole	
 Slide or Slip	
 Sodic Spot	
 Spoil Area	
 Stony Spot	

MAP INFORMATION

Map Scale: 1:3,850 if printed on A size (8.5" x 11") sheet.
The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.
Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 20N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Humacao Area, Puerto Rico Eastern Part
Survey Area Data: Version 3, Aug 19, 2008

Date(s) aerial images were photographed: 2004

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Humacao Area, Puerto Rico Eastern Part (PR689)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Cf	Catano loamy sand	1.2	2.5%
DeE2	Descalabrado clay loam, 20 to 40 percent slopes, eroded	33.5	68.6%
Subtotals for Soil Survey Area		34.8	71.1%
Totals for Area of Interest		48.9	100.0%

APPENDIX B
PHOTOGRAPHS



A: Northerly View From Near the Center of the Proposed Compound



B: Easterly View From Near the Center of the Proposed Compound

Culebra Temporary Tower
Off A Private Dirt Road
San Ildefonso, Culebra County, Puerto Rico

Photographs



ECA Proj. #: M-1076



C: Southerly View From Near the Center of the Proposed Compound



D: Westerly View From Near the Center of the Proposed Compound

Culebra Temporary Tower
Off A Private Dirt Road
San Ildefonso, Culebra County, Puerto Rico

Photographs



ECA Proj. #: M-1076

APPENDIX C

PROTECTED SPECIES INFORMATION

CULEBRA

SCIENTIFIC NAME	COMMON NAME	COMMON NAME SPANISH	GROUP	STATUS	DISTRIBUTION
Anolis roosevelti	Culebra Giant Anole	Lagartijo Gigante de Culebra	Reptile	E, CH	Forested Areas
Caretta caretta	Loggerhead Sea Turtle	Cabezona	Reptile	T	Coastal Zones
Chelonia mydas	Green Sea Turtle	Peje Blanco	Reptile	T, CH	Coastal Zones
Dermochelys coriacea	Leatherback Sea Turtle	Tinglar	Reptile	E, CH	Coastal Zones
Epicrates monensis granti	Virgin Islands Tree Boa	Boa de Islas Virgenes	Reptile	E	Forested Areas
Eretmochelys imbricata	Hawksbill Sea Turtle	Carey	Reptile	E, CH	Coastal Zones
Leptocereus grantianus	No Common Name	No Tiene Nombre Comun	Plant	E	Punta Melones
Pelecanus occidentalis	Brown Pelican	Pelicano Pardo	Bird	D, MP	Coastal Zones, No Nesting
Peperomia wheeleri	Wheeler's Peperomia	No Tiene Nombre Comun	Plant	E	Monte Resaca, Playa Brava
Sterna dougallii	Roseate Tern	Palometa	Bird	T	Coastal Areas and Offshore Cays, Nesting
Trichechus manatus manatus	Antillean Manatee	Manatí Antillano	Mammal	E	Coastal Zones

Status

E=Endangered

T=Threatened

CH=Critical Habitat

D=Delisted due to Recovery

MP= Monitoring Plan



BACK

APPENDIX D

TOWER SITE EVALUATION FORM

TOWER SITE EVALUATION FORM

1. Location (Provide maps if possible):

State: PR County: Culebra

Latitude/Longitude/GPS Grid: N 18° 18' 49" W 65° 14' 57"

Directions: From the center of San Idelfonso, take the easternmost road (which begins at approximately N 18° 18' 47.48" W 65° 15' 16.59") toward the coast. Follow this road approximately .48 miles to an unnamed dirt road on the left. Make a left on this dirt road and continue for approximately .23 miles to the site.

2. Elevation above mean sea level: ~86 feet

3. Will the equipment be co-located on an existing **FCC licensed tower** or other existing structure (building, billboard, etc.)? (y/n) No If yes, type of structure: _____

If yes, no further information is required.

4. If no, provide proposed specifications for new tower:

Height: 50' Construction type (lattice, monopole, etc.): Mast

Guy-wired? (y/n) No No. Bands: NA Total No. Wires: NA

Lighting (Security & Aviation): No

If tower will be lighted or guy-wired, complete items 5-19. If not, complete only items 19 and 20.

5. Area of tower footprint in acres or square feet: _____

6. Length and width of access road in feet: _____

7. General description of terrain – mountainous, rolling hills flat to undulation, etc. Photographs of the site and surrounding area are beneficial:

8. Meteorological conditions (incidence of fog, low ceilings, etc.): _____

9. Soil type(s): _____

10. Habitat types and land use on and adjacent to the site, by acreage and percentage of total:

11. Dominant vegetative species in each habitat:_____

12. Average diameter breast height of dominant tree species in forested areas:_____

13. Will construction at this site cause fragmentation of a larger block of habitat into two or more smaller blocks? (y/n)____ If yes, describe:_____

14. Is evidence of birds roosts or rookeries present? (y/n) __ If yes, describe:_____

15. Distance to nearest wetland area (forested swamp, march, riparian, marine, etc.), and coastline if applicable:_____

16. Distance to nearest telecommunications tower:_____

17. Potential for co-location of antennas on existing towers or other structures:_____

18. Have measures been incorporated to minimizing impacts to migratory birds? (y/n)_____

19. Has an evaluation been made to determine if proposed facility may affect listed or proposed endangered or threatened species or their habitat as required by FCC regulation at 47 CFR 1.1307(a)(3)? (y/n) Yes If, yes present findings:_____ See report for details.

20. Additional information required:

APPENDIX E
QUALIFIED BIOLOGIST RESUME

Ben Salter, REP

EDUCATION: M.S., Biology - August 2004
Western Carolina University, Cullowhee, North Carolina

B.S., Biology, Chemistry Minor – December 1998
Georgia College & State University, Milledgeville, Georgia

PROFESSIONAL EXPERIENCE:

November 2007- Present Principal Scientist/Office Manager
Environmental Corporation of America, Asheville, NC

April 2006 - November 2007 Principal Environmental Scientist / Partner
Blue Ridge Ecological, Waynesville, North Carolina

January 2005 - November 2007 Project Environmental Scientist
Malcolm Pirnie, Inc, Newport News, Virginia

August 2002 - December 2004 Research Assistant/Teaching Assistant
Western Carolina University, Cullowhee, North Carolina

May 2003 - September 2003 Biological Science Technician
United States Forest Service (USFS), Asheville, North Carolina

January 1999 - May 2002 Project Scientist / Project Manager
Environmental Corporation of America, Alpharetta, Georgia

TRAINING AND CERTIFICATION:

- GA DOT Coastal Wetland Plant Identification w/ Dr. Bob Mohlenbrock (Sept. 2010)
- Airports Council International – North America NEPA Workshop (Dec. 2009)
- NC State Stream Restoration Design Principles (Oct. 2007)
- Southeastern Watershed Roundtable (2006)
- Rosgen Level 1 – Applied Fluvial Geomorphology (2006)
- VDEQ Stream Impact and Compensation Assessment Manual (SICAM) Workshop (2006)
- VIMS Perennial Stream Workshop (2005)
- VA Association of Wetlands Professionals Regulatory Update (2005)

JOURNAL PUBLICATIONS:

Miller, JR, **EB Salter**, JB Anderson, PJ Lechler, SL Kondrad, PF Galbreath. 2005. Influence of Temporal Variations in Water Chemistry on the Pb Isotopic Compositions of Rainbow Trout (*Oncorhynchus mykiss*). Science of the Total Environment, 350, p. 204-224.

REPRESENTATIVE PROJECTS:

USACE and NC DWQ Individual Section 404/401 Permits and CAMA Consistency, Proposed Telecommunications Facility, Carteret County, North Carolina

US Forest Service Biological Evaluation, Proposed Eastern Band of Cherokee Indians Snowbird Community Center, Nantahala National Forest, Robbinsville, North Carolina

Environmental Impact Statement / Feasibility Study for Flood Damage Reduction and Ecosystem Restoration, James River, South Dakota

US Department of Housing and Urban Development NEPA Environmental Assessment, Proposed Old #4 Sewer Line Replacement, Cherokee, North Carolina

US Army Corps of Engineers and Virginia Port Authority Environmental Impact Statement: Craney Island Dredged Material Disposal Area Expansion and Subsequent Virginia Port Authority Craney Island Terminal Construction, Portsmouth, Virginia

Chestatee-Chattahoochee RC&D Mud and Little Mud Creek EPA 319 Watershed Management Plan, Habersham County, Georgia

USACE Wetland/Stream Delineations and USACE/State Section 404/401 Permitting, Alabama, Delaware, Georgia, Florida, Illinois, Louisiana, Mississippi, North Carolina, New York, Ohio, South Carolina, South Dakota, Virginia, and West Virginia

US Department of Justice NEPA Environmental Assessment, Proposed Eastern Band of Cherokee Indians Correctional Facility, Cherokee, NC

Wetlands Delineation of over 2000 acres, City of Jacksonville Land Treatment System Expansion, Onslow County, North Carolina

Bureau of Indian Affairs NEPA Environmental Assessment, Mary Lambert Farm Road Improvement Project, Cherokee, North Carolina

Federal Communications Commission NEPA Evaluation and Environmental Assessment and USACE Section 404 Permitting, Proposed Telecommunications Facility, Mecklenburg County, North Carolina

US Economic Development Administration, NEPA Environmental Assessment, Proposed Eastern Band of Cherokee Indians Lower Soco Creek Sewer Line Replacement, Cherokee, North Carolina

Bureau of Indian Affairs NEPA Environmental Assessment, Old River Road Improvement Project, Cherokee, NC

US Forest Service NEPA Environmental Assessment, Proposed Eastern Band of Cherokee Indians Snowbird Community Center, Nantahala National Forest, Robbinsville, North Carolina

Multi-Day Active Osprey Nest Monitoring During Telecommunications Tower Activities, Wilmington Island, GA

Preparation of Individual Permit Application and State Environmental Policy Act Documentation, City of Jacksonville Land Treatment System Expansion, Onslow County, North Carolina

USACE and FDEP Wetlands Individual Permit and Mitigation, Proposed Telecommunications Facility, Walton County, Florida

USACE and St. Johns River Water Management District Nationwide and Environmental Resource Permit and Mitigation, Proposed Telecommunications Facility, Fellsmere, FL

USACE and St. Johns River Water Management District Nationwide and Environmental Resource Permit and Mitigation, Proposed Telecommunications Facility, Jacksonville, FL

Bureau of Indian Affairs NEPA Environmental Assessment, Hunting Boy Branch Road Improvement Project, Graham County, North Carolina

Federal Communications Commission NEPA Investigations including Section 106 Review and Environmental Assessments – Over 500 Projects Nationwide

Protected Species Evaluations/ USFWS and State Wildlife Agency Consultations; over 500 Sites Nationwide

Multiple Intensive Surveys for the Federally Threatened Dwarf-Flowered Heartleaf, Western North Carolina

Evaluation of Ecosystem Restoration and Flood Damage Reduction Measures on the Federally Endangered Topeka Shiner in the James River Basin, South Dakota

Wetland Delineation and Mapping of Eastern Band of Cherokee Indians Reservation, Cherokee, North Carolina

Telecommunications Tower Osprey Nesting Survey, Greensboro, North Carolina

Phase I Environmental Site Assessments – Over 1,000 Projects Nationwide

Phase II Environmental Assessments, UST Removals, Groundwater Monitoring Events, and Petroleum and Chlorinated Solvent Remediation System Installations – Multiple Projects in Southeastern and Midwest United States

Water Quality Testing and Benthic and Fish Assessment, Hiawassee, Georgia

Ecological Risk Assessment: Brown's Lake, Fort Eustis, Newport News, Virginia

Benthic, Geomorphology, and Water Quality Evaluation: Bull Run, Manassas, Virginia

Fisheries Assessment and Management Plan Development, Lake Lure, North Carolina

Fisheries Assessment and Management Plan Development, Lake Ravenel, Highlands, North Carolina

Brook Trout Genetic Typing, Population Estimate, Habitat Survey, and Restoration, Multiple Projects throughout Western North Carolina

VA Environmental Impact Reports – Multiple Projects for Virginia Port Authority and Virginia Department of Juvenile Justice

Evaluation of Lead Isotopic Composition of Freshwater Snails of Richland Creek Basin, Waynesville, North Carolina

Asbestos and Lead-Based Paint Inspections, Abatement Monitoring, and Preparation of Abatement Specifications – Multiple Projects throughout Georgia

Geotechnical Investigations and Construction Material Testing for Cell Tower and Fiber Optic Communications Infrastructure – Multiple Projects Nationwide

ATTACHMENT D
SHPO EXCLUSION RULE

agencies other than the Commission may have with respect to those agencies' federal Undertakings.

II. Definitions

A. The following terms are used in this Nationwide Agreement as defined below:

1. **Antenna.** An apparatus designed for the purpose of emitting radio frequency ("RF") radiation, to be operated or operating from a fixed location pursuant to Commission authorization, for the transmission of writing, signs, signals, data, images, pictures, and sounds of all kinds, including the transmitting device and any on-site equipment, switches, wiring, cabling, power sources, shelters or cabinets associated with that antenna and added to a Tower, structure, or building as part of the original installation of the antenna. For most services, an Antenna will be mounted on or in, and is distinct from, a supporting structure such as a Tower, structure or building. However, in the case of AM broadcast stations, the entire Tower or group of Towers constitutes the Antenna for that station. For purposes of this Nationwide Agreement, the term Antenna does not include unintentional radiators, mobile stations, or devices authorized under Part 15 of the Commission's rules.

2. **Applicant.** A Commission licensee, permittee, or registration holder, or an applicant or prospective applicant for a wireless or broadcast license, authorization or antenna structure registration, and the duly authorized agents, employees, and contractors of any such person or entity.

3. **Area of Potential Effects ("APE").** The geographic area or areas within which an Undertaking may directly or indirectly cause alterations in the character or use of Historic Properties, if any such properties exist.

4. **Collocation.** The mounting or installation of an Antenna on an existing Tower, building, or structure for the purpose of transmitting radio frequency signals for telecommunications or broadcast purposes.

5. **Effect.** An alteration to the characteristics of a Historic Property qualifying it for inclusion in or eligibility for the National Register.

6. **Experimental Authorization.** An authorization issued to conduct experimentation utilizing radio waves for gathering scientific or technical operation data directed toward the improvement or extension of an established service and not intended for reception and use by the general public. "Experimental Authorization" does not include an "Experimental Broadcast Station" authorized under Part 74 of the Commission's rules.

7. **Facility.** A Tower or an Antenna. The term Facility may also refer to a Tower and its associated Antenna(s).

8. **Field Survey.** A research strategy that utilizes one or more visits to the area where construction is proposed as a means of identifying Historic Properties.

9. **Historic Property.** Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The

term includes properties of traditional religious and cultural importance to an Indian tribe or NHO that meet the National Register criteria.

10. **National Register.** The National Register of Historic Places, maintained by the Secretary of the Interior's office of the Keeper of the National Register.

11. **SHPO/THPO Inventory.** A set of records of previously gathered information, authorized by state or tribal law, on the absence, presence and significance of historic and archaeological resources within the state or tribal land.

12. **Special Temporary Authorization.** Authorization granted to a permittee or licensee to allow the operation of a station for a limited period at a specified variance from the terms of the station's permanent authorization or requirements of the Commission's rules applicable to the particular class or type of station.

13. **Submission Packet.** The document to be submitted initially to the SHPO/THPO to facilitate review of the Applicant's findings and any determinations with regard to the potential impact of the proposed Undertaking on Historic Properties in the APE. There are two Submission Packets: (a) The New Tower Submission Packet (FCC Form 620) (See Attachment 3) and (b) The Collocation Submission Packet (FCC Form 621) (See Attachment 4). Any documents required to be submitted along with a Form are part of the Submission Packet.

14. **Tower.** Any structure built for the sole or primary purpose of supporting Commission-licensed or authorized Antennas, including the on-site fencing, equipment, switches, wiring, cabling, power sources, shelters, or cabinets associated with that Tower but not installed as part of an Antenna as defined herein.

B. All other terms not defined above or elsewhere in this Nationwide Agreement shall have the same meaning as set forth in the Council's rules section on Definitions (36 CFR 800.16) or the Commission's rules (47 CFR Chapter I).

C. For the calculation of time periods under this Agreement, "days" mean "calendar days." Any time period specified in the Agreement that ends on a weekend or a Federal or State holiday is extended until the close of the following business day.

D. Written communications include communications by e-mail or facsimile.

III. Undertakings Excluded From Section 106 Review

Undertakings that fall within the provisions listed in the following sections III.A. through III.F. are excluded from Section 106 review by the SHPO/THPO, the Commission, and the Council, and, accordingly, shall not be submitted to the SHPO/THPO for review. The determination that an exclusion applies to an Undertaking should be made by an authorized individual within the Applicant's organization, and Applicants should retain documentation of their determination that an exclusion applies. Concerns regarding the application of these exclusions from Section 106 review may be presented to and considered by the Commission pursuant to Section XI.

A. Enhancement of a tower and any associated excavation that does not involve a collocation and does not substantially increase the size of the existing tower, as defined in the Collocation Agreement. For towers constructed after March 16, 2001, this exclusion applies only if the tower has completed the Section 106 review process and any associated environmental reviews required by the Commission.

B. Construction of a replacement for an existing communications tower and any associated excavation that does not substantially increase the size of the existing tower under elements 1-3 of the definition as defined in the Collocation Agreement (see Attachment 1 to this Agreement, Stipulation 1.c.1-3) and that does not expand the boundaries of the leased or owned property surrounding the tower by more than 30 feet in any direction or involve excavation outside these expanded boundaries or outside any existing access or utility easement related to the site. For towers constructed after March 16, 2001, this exclusion applies only if the tower has completed the Section 106 review process and any associated environmental reviews required by the Commission's rules.

C. Construction of any temporary communications Tower, Antenna structure, or related Facility that involves no excavation or where all areas to be excavated will be located in areas described in Section VI.D.2.c.i below, including but not limited to the following:

1. A Tower or Antenna authorized by the Commission for a temporary period, such as any Facility authorized by a Commission grant of Special Temporary Authority ("STA") or emergency authorization;
2. A cell on wheels (COW) transmission Facility;
3. A broadcast auxiliary services truck, TV pickup station, remote pickup broadcast station (e.g., electronic newsgathering vehicle) authorized under Part 74 or temporary fixed or transportable earth station in the fixed satellite service (e.g., satellite newsgathering vehicle) authorized under Part 25;
4. A temporary ballast mount Tower;
5. Any Facility authorized by a Commission grant of an experimental authorization.

For purposes of this Section III.C, the term "temporary" means "for no more than twenty-four months duration except in the case of those Facilities associated with national security."

D. Construction of a Facility less than 200 feet in overall height above ground level in an existing industrial park,¹ commercial strip mall,² or shopping center³ that occupies a

¹ A tract of land that is planned, developed, and operated as an integrated facility for a number of individual industrial uses, with consideration to transportation facilities, circulation, parking, utility needs, aesthetics and compatibility.

² A structure or grouping of structures, housing retail business, set back far enough from the street to permit parking spaces to be placed between the building entrances and the public right of way.

³ A group of commercial establishments planned, constructed, and managed as a total entity, with customer and employee parking provided on-site,

ATTACHMENT E
NATIVE AMERICAN INFORMATION

Mary Seagrave

From: Tribal Notify [tribal.notify@eca-usa.com]
Sent: Tuesday, November 22, 2011 9:00 AM
To: Andrew Tankel; Amy Williams; Andrew Tankel; Autumn Dubois; Ben Salter; Dave McGlothlin; Eric Johnson; Grant Burnham; Kelby Williams; Mary Seagrave; Matthew Beazley; Michelle Taylor; Mitch Clark; Dina Bazzill; Randy Heath; Mark Montes
Subject: FW: Proposed Tower Structure Info - Email ID #2920369

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

From: towernotifyinfo@fcc.gov [mailto:towernotifyinfo@fcc.gov]
Sent: Tuesday, November 22, 2011 8:51 AM
To: tribal notify
Subject: Proposed Tower Structure Info - Email ID #2920369

Dear Dina M Bazzill,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 11/22/2011

Notification ID: 81113

Tower Owner Individual or Entity Name: Environmental Corporation of America

Consultant Name: Dina M Bazzill

Street Address: 1375 Union Hill Industrial Court
Suite A

City: Alpharetta

State: GEORGIA

Zip Code: 30004

Phone: 770-667-2040

Email: tribal.notify@eca-usa.com

Structure Type: MAST - Mast

Latitude: 18 deg 18 min 49 sec N

Longitude: 65 deg 14 min 57 sec W

Location Description: TEMPORARY TOWER, NO GROUND PENETRATION: off private dirt rd

City: San Ildefonso

State: PUERTO RICO

County: CULEBRA

Ground Elevation: 26.2 meters

Support Structure: 15.2 meters above ground level

Overall Structure: 15.2 meters above ground level

Overall Height AMSL: 41.4 meters above mean sea level

Mary Seagrave

From: Tribal Notify [tribal.notify@eca-usa.com]
Sent: Monday, November 28, 2011 9:50 AM
To: Andrew Tankel; Amy Williams; Andrew Tankel; Autumn Dubois; Ben Salter; Dave McGlothlin; Eric Johnson; Grant Burnham; Kelby Williams; Mary Seagrave; Matthew Beazley; Michelle Taylor; Mitch Clark; Dina Bazzill; Randy Heath; Mark Montes
Subject: FW: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2921395

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

From: towernotifyinfo@fcc.gov [mailto:towernotifyinfo@fcc.gov]
Sent: Friday, November 25, 2011 3:01 AM
To: tribal notify
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2921395

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if

the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

None

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

1. SHPO Carlos A Rubio Cancela - Puerto Rico State Historic Preservation Office - San Juan, PR - electronic mail and regular mail

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in

the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 11/22/2011

Notification ID: 81113

Tower Owner Individual or Entity Name: Environmental Corporation of America

Consultant Name: Dina M Bazzill

Street Address: 1375 Union Hill Industrial Court
Suite A

City: Alpharetta

State: GEORGIA

Zip Code: 30004

Phone: 770-667-2040

Email: tribal.notify@eca-usa.com

Structure Type: MAST - Mast

Latitude: 18 deg 18 min 49.0 sec N

Longitude: 65 deg 14 min 57.0 sec W

Location Description: TEMPORARY TOWER, NO GROUND PENETRATION: off private dirt rd

City: San Ildefonso

State: PUERTO RICO

County: CULEBRA

Ground Elevation: 26.2 meters

Support Structure: 15.2 meters above ground level

Overall Structure: 15.2 meters above ground level

Overall Height AMSL: 41.4 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

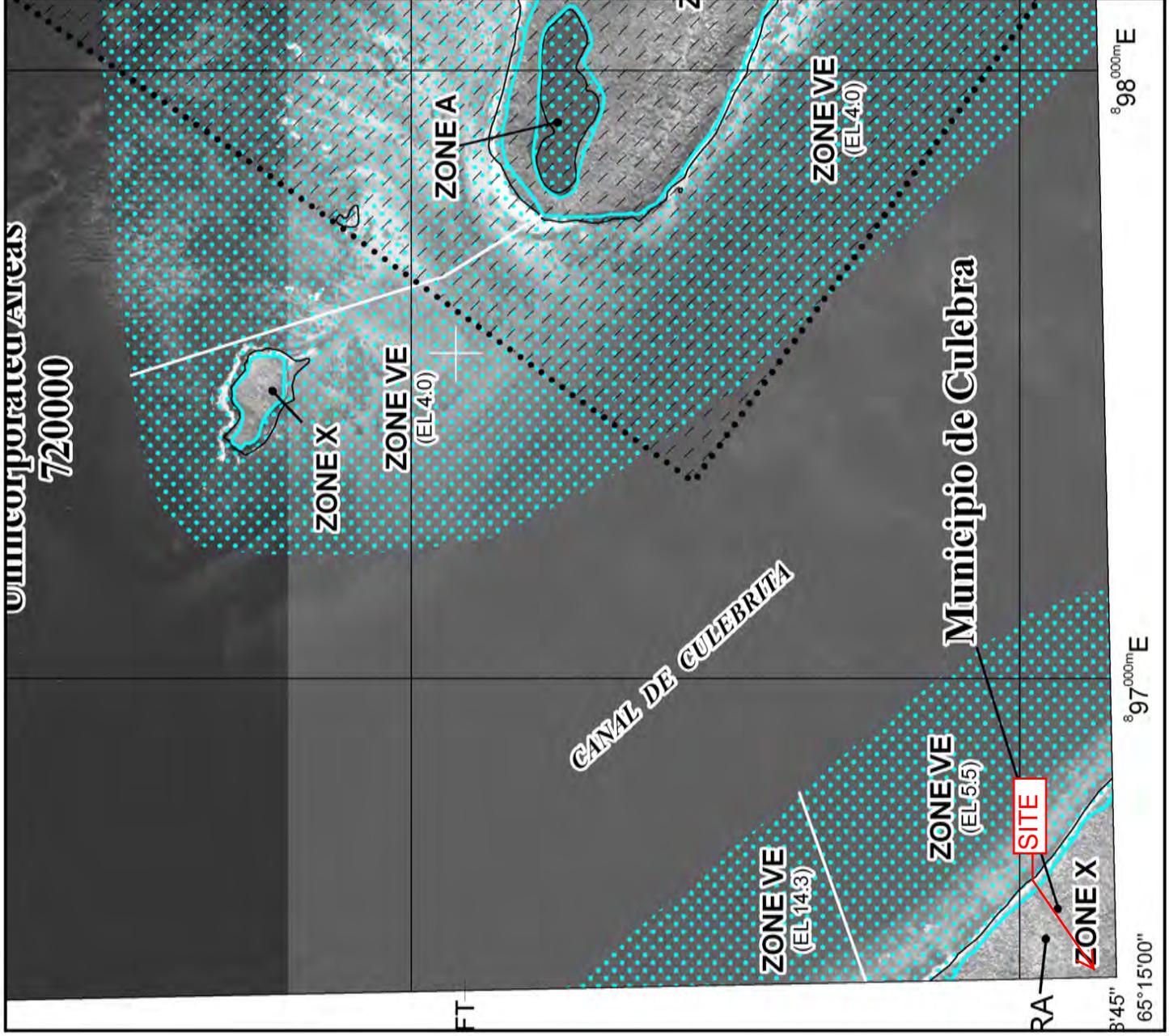
<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

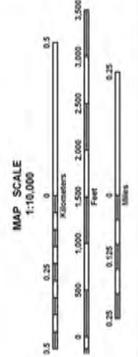
Thank you,
Federal Communications Commission

ATTACHMENT F
FLOODPLAIN INFORMATION

UNINCORPORATED AREAS
720000



Community map revision history prior to Commonwealth of Puerto Rico and the Department of Planning and Economic Development. Community Map History table located in the Flood Insurance Rate Map (FIRM) data file. For more information on this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-338-6623.



NATIONAL FLOOD INSURANCE PROGRAM

NFIP

PANEL 0905J

FIRM
FLOOD INSURANCE RATE MAP
COMMONWEALTH OF
PUERTO RICO
AND MUNICIPALITIES

PANEL 905 OF 2160
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
COMMUNITY: PUERTO RICO
MARSHES: EAGLE SWENS
WATERS: 7

MAP NUMBER
72000C0905J

MAP REVISED
NOVEMBER 18, 2009

Federal Emergency Management Agency

NOTICE: THIS MAP INCLUDES A SUMMARY OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S (FEMA) NATIONAL FLOOD INSURANCE PROGRAM (NFIP) DATA. THE DATA IS BASED ON THE BEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE. THE DATA IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT CONSTITUTE A WARRANTY OF ANY KIND. THE USER OF THIS MAP SHOULD CONSULT THE NFIP OFFICIAL FIRM FOR THE MOST CURRENT AND ACCURATE INFORMATION. THE NFIP OFFICIAL FIRM IS THE AUTHORITY FOR THE FIRM DATA. THE NFIP OFFICIAL FIRM IS AVAILABLE AT WWW.FEMA.GOV.

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

ATTACHMENT G
WETLANDS INFORMATION



U.S. Fish and Wildlife Service

National Wetlands Inventory

Culebra Temporary Tower

Dec 1, 2011



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks: