

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: Munster Waste Water Treatment Plant /PW 13620

Project Location: 3300 Munster Blvd, City of Meraux, Louisiana St. Bernard Parish
(N29.94619, W-89.92812)

Project Description: Project activities include removing and replacing four metal doors, four half metal half glass doors, four windows and frames, nine fluorescent light fixtures and bulbs, two 125 hp pumps, one 75 hp pump, one 5-ton air conditioning units, one 1,000 gallon polyethylene ferric chloride tank, 1,500 gallons ferric chloride bulk chemical additive, one 10'x10' roll up overhead door, exterior lights and light fixtures, and all electrical equipment such as circuit breakers, switches, cables, transformers, lighting panels with breakers, and motor starters. Hazard mitigation will be achieved through compliance with current codes and standards.

Documentation Requirements

- ☐ No Documentation Required (**Review Concluded**)
- ☐ (Short version) All consultation and agreements implemented to comply with the National Historic Preservation Act, Endangered Species Act, and Executive Orders 11988, 11990 and 12898 are completed and no other laws apply. (**Review Concluded**)
- ☒ (Long version) All applicable laws and executive orders were reviewed. Additional information for compliance is attached to this REC.

National Environmental Policy Act (NEPA) Determination

- ☐ Statutorily excluded from NEPA review. (**Review Concluded**)
- ☐ Programmatic Categorical Exclusion - Category (**Review Concluded**)
- ☐ Categorical Exclusion - Category
- ☐ No Extraordinary Circumstances exist.
Are project conditions required? ☐ Yes (see section V) ☐ No (**Review Concluded**)
- ☐ Extraordinary Circumstances exist (See Section IV).
☐ Extraordinary Circumstances mitigated. (See Section IV comments)
Are project conditions required? ☐ Yes (see section V) ☐ No (**Review Concluded**)
- ☐ Environmental Assessment
- ☐ Supplemental Environmental Assessment (Reference EA or PEA in comments)
- ☒ Environmental Impact Statement

Comments: This project meets the criteria for an Alternative Arrangement (Utilities and Wastewater Treatment Plants) type of project. This project has conditions and requires mitigation under the other EHP laws which are listed under the NEPA level of environmental review in the project worksheet. Any changes to this approved scope of work will require submission to, and evaluation and approval by, the state and FEMA prior to initiation of any work, for compliance with the National Environmental Policy Act. The applicant is required to obtain and comply with all local, state and federal permits and requirements. Non-compliance with the requirements noted above may jeopardize the receipt of federal funding.

Reviewer and Approvals

☐ Project is Non-Compliant (See attached documentation justifying selection).

FEMA Environmental Reviewer.

Name: Perry J. Boudreaux, Environmental Specialist

Signature PJB Date 8/31/2006

FEMA Regional Environmental Officer or delegated approving official.

Name: Howard R. Bush, ELO

Signature H.R. Bush Date 8/31/2006

I. Compliance Review for Environmental Laws (other than NEPA)

A. National Historic Preservation Act

- ☐ Not type of activity with potential to affect historic properties. (**Review Concluded**)
- ☒ Applicable executed Programmatic Agreement December 3, 2004
- ☒ Activity meets Programmatic Allowance # Appendix A, Section I, A and I
- Are project conditions required? ☒ Yes (see section V) ☐ No (**Review Concluded**)

HISTORIC BUILDINGS AND STRUCTURES

- ☒ No historic properties that are listed or 45/50 years or older in project area. (**Review Concluded**)
- ☐ Building or structure listed or 45/50 years or older in project area and activity not exempt from review.
- ☐ Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
- Are project conditions required? ☐ Yes (see section V) ☐ No (**Review Concluded**)
- ☐ Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
- ☐ Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments
- ☐ No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).
- Are project conditions required? ☐ Yes (see section V) ☐ No (**Review Concluded**)
- ☐ Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)
- ☐ Resolution of Adverse Effect completed. (MOA on file)
- Are project conditions required ☐ Yes (see section V) ☐ No (**Review Concluded**)

ARCHEOLOGICAL RESOURCES

- ☒ Project affects only previously disturbed ground. (**Review Concluded**)
- ☐ Project affects undisturbed ground.
- ☐ Project area has no potential for presence of archeological resources
- ☐ Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). (**Review Concluded**)
- ☐ Project area has potential for presence of archeological resources
- ☐ Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)

- Are project conditions required ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Determination of historic properties affected
- ☐ NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).
- Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
- ☐ No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
- Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
- ☐ Resolution of Adverse Effect completed. (MOA on file)
- Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**

Comments: 8/31/06 - Scope of work indicates ground disturbing activities associated with backfill and replacing light posts. Upon consultation of data provided by the State Historic Preservation Officer (SHPO), there are no known archaeological sites within .25 miles of the project area. Some ground disturbing activities will occur within a previously disturbed area. All work will occur in an area designated as an Orleans Parish low probability zone and likely on fill soils over former marsh. Therefore, the scope of work as submitted meets the criteria outlined in the Programmatic Agreement dated December 3, 2004, Appendix A, Section I, A and I. In accordance with this document, FEMA is not required to submit projects to the SHPO for review where the work performed meets these allowances. If during the course of work, archaeological artifacts (prehistoric or historic) or human remains are discovered, the applicant shall stop work in the vicinity of the discovery and take all reasonable measures to avoid or minimize harm to the finds. The applicant shall inform their Public Assistance (PA) contacts at FEMA, who will in turn contact FEMA Historic Preservation staff. The applicant will not proceed with work until FEMA Historic Preservation staff have completed consultation with the Louisiana State Historic Preservation Officer (SHPO). In addition, if unmarked graves are present, compliance with the Louisiana Unmarked Human Burial Sites Preservation Act (R.S. 8:671 et seq.) is required. The applicant shall notify the law enforcement agency of the jurisdiction where the remains are located within twenty-four hours of the discovery. The applicant shall also notify FEMA and the Louisiana Unmarked Burial Sites Board (call the Louisiana Division of Archeology at 225-342-8170) within seventy-two hours of the discovery. Failure to comply with these stipulations may jeopardize receipt of FEMA funding. - Dana Linck, Historic Preservation Specialist/Archaeologist

Correspondence/Consultation/References:

B. Endangered Species Act

- ☒ No listed species and/or designated critical habitat present in areas affected directly or indirectly by the Federal action. **(Review Concluded)**
- ☐ Listed species and/or designated critical habitat present in the areas affected directly or indirectly by the Federal action.
- ☐ No effect to species or designated critical habitat. (See comments for justification)
- Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) **(Review Concluded)**
- Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Likely to adversely affect species or designated critical habitat
- ☐ Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
- Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: None

C. Coastal Barrier Resources Act

- ☒ Project is not on or connected to CBRA Unit or Otherwise Protected Area **(Review Concluded)**.
- ☐ Project is on or connected to CBRA Unit or Otherwise Protected Area. (FEMA determination/USFWS consultation on file)
- ☐ Proposed action an exception under Section 3505.a.6? **(Review Concluded)**
- ☐ Proposed action not excepted under Section 3505.a.6.
- Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: None

Correspondence/Consultation/References:

D. Clean Water Act

☒ Project would not affect any waters of the U.S. **(Review Concluded)**

☐ Project would affect waters, including wetlands, of the U.S.

☐ Project exempted as in kind replacement or other exemption. **(Review Concluded)**

☐ Project requires Section 404/401/or Section 9/10 (Rivers and Harbors Act) permit, including qualification under Nationwide Permits.

Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: Project is not in or adjacent to any waterways of the US.

Correspondence/Consultation/References:

E. Coastal Zone Management Act

☐ Project is not located in a coastal zone area and does not affect a coastal zone area **(Review concluded)**

☒ Project is located in a coastal zone area and/or affects the coastal zone

☒ State administering agency does not require consistency review. **(Review Concluded)**

☐ State administering agency requires consistency review.

Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: This project is located within the Louisiana Coastal Management Zone. La Department of Natural Resources has determined that receipt of federal assistance is consistent with the Louisiana Coastal Resource Program. Projects within the coastal zone may still require a Coastal Use Permit or other authorization from DNR. Projects may be coordinated by contacting La DNR at 1-800-267-4019.

Correspondence/Consultation/References:

F. Fish and Wildlife Coordination Act

☒ Project does not affect, control, or modify a waterway/body of water. **(Review Concluded)**

☐ Project affects, controls or modifies a waterway/body of water.

☐ Coordination with USFWS conducted

☐ No Recommendations offered by USFWS. **(Review Concluded)**

☐ Recommendations provided by USFWS.

Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: Project is not in or adjacent to any waterways of the US.

Correspondence/Consultation/References:

G. Clean Air Act

☒ Project will not result in permanent air emissions. **(Review Concluded)**

☐ Project is located in an attainment area. **(Review Concluded)**

☐ Project is located in a non-attainment area.

☐ Coordination required with applicable state administering agency..

Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: Project will not result in permanent air emissions.

Correspondence/Consultation/References:

H. Farmland Protection Policy Act

☒ Project does not affect designated prime or unique farmland. **(Review Concluded)**

☐ Project causes unnecessary or irreversible conversion of designated prime or unique farmland.

☐ Coordination with Natural Resource Conservation Commission required.

- ☐ Farmland Conversion Impact Rating, Form AD-1006, completed.
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: None

Correspondence/Consultation/References:

I. Migratory Bird Treaty Act

- ☐ Project not located within a flyway zone. **(Review Concluded)**
☒ Project located within a flyway zone.
☒ Project does not have potential to take migratory birds. **(Review Concluded)**
Are project conditions required? ☐ Yes (see section V) ☒ No **(Review Concluded)**
☐ Project has potential to take migratory birds.
☐ Contact made with USFWS
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: See letter from Don Fairley to Mr. Russ Watson with USF&WS, dated 09/14/2005. Specifically, FEMA has determined that restoration projects funded with federal resources will not have adverse impacts on migratory birds or other fish and wildlife reserves. These determinations are based on the understanding that the conditions outlined in the Louisiana Endangered Species Summary are met.

Correspondence/Consultation/References: http://pacificflyway.gov/Documents/Mississippi_map.pdf.

J. Magnuson-Stevens Fishery Conservation and Management Act

- ☒ Project not located in or near Essential Fish Habitat. **(Review Concluded)**
☐ Project located in or near Essential Fish Habitat.
☐ Project does not adversely affect Essential Fish Habitat. **(Review Concluded)**
Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
☐ Project adversely affects Essential Fish Habitat (FEMA determination/USFWS/NMFS concurrence on file)
☐ NOAA Fisheries provided no recommendation(s) **(Review Concluded)**
Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
☐ NOAA Fisheries provided recommendation(s)
☐ Written reply to NOAA Fisheries recommendations completed.
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: None

Correspondence/Consultation/References:

K. Wild and Scenic Rivers Act

- ☒ Project is not along and does not affect Wild or Scenic River (WSR) - **(Review Concluded)**
☐ Project is along or affects WSR
☐ Project adversely affects WSR as determined by NPS/USFS. **FEMA cannot fund the action.**
(NPS/USFS/USFWS/BLM consultation on file) **(Review Concluded)**
☐ Project does not adversely affect WSR. (NPS/USFS/USFWS/BLM consultation on file)
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: None

Correspondence/Consultation/References:

L. Other Relevant Laws and Environmental Regulations

II. Compliance Review for Executive Orders

A. E.O. 11988 - Floodplains

- ☐ No Effect on Floodplains/Flood levels and project outside Floodplain - **(Review Concluded)**
- ☒ Located in Floodplain or Effects on Floodplains/Flood levels
- ☐ No adverse effect on floodplain and not adversely affected by the floodplain. **(Review Concluded)**
- Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Beneficial Effect on Floodplain Occupancy/Values **(Review Concluded)**
- ☐ Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment
- ☒ 8 Step Process Complete - documentation on file
- Are project conditions required? ☒ YES (see section V) ☐ NO **(Review Concluded)**

Comments 08/17/06 - St Bernard Parish enrolled in the National Flood Insurance Program (NFIP) on 03-13-70. Per Flood Insurance Rate Map (FIRM) panel number 2252040290b, dated 05-01-85. Facility is located within an "A2" Zone, area of 100-yr flooding, base flood elevations and flood hazard factors. The project is the repair of buildings and the replacement of equipment and components, as per 44 CFR 9.11, mitigation or minimization standards must be applied requirements to elevate, mitigate, wet or dry flood proof. Mitigation measures have been considered and are attached. In compliance with EO 11988, an 8-step process was completed and is attached. Per 44 CFR 9.12, applicant must publish a final public notice 15 days prior to the start of construction activities. Final public notice is to be forwarded to the La GOHS/OEP and FEMA for inclusion in the permanent project files. A Cramer FPM Specialist.

Correspondence/Consultation/References:

B. E.O. 11990 - Wetlands

- ☒ No Effects on Wetland(s) and project located outside Wetland(s) - **(Review Concluded)**
- ☐ Located in Wetland or effects Wetland(s)
- ☐ Beneficial Effect on Wetland - **(Review Concluded)**
- ☐ Possible adverse effect associated with constructing in or near wetland
- ☐ Review completed as part of floodplain review
- ☐ 8 Step Process Complete - documentation on file
- Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: None

Correspondence/Consultation/References:

C. E.O. 12898 - Environmental Justice For Low Income and Minority Populations

- ☒ No Low income or minority population in, near or affected by the project - **(Review Concluded)**
- ☐ Low income or minority population in or near project area
- ☐ No disproportionately high and adverse impact on low income or minority population- **(Review Concluded)**
- ☐ Disproportionately high or adverse effects on low income or minority population
- Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: None

Correspondence/Consultation/References:

III. Other Environmental Issues

Identify other potential environmental concerns in the comment box not clearly falling under a law or executive order (see environmental concerns scoping checklist for guidance).

Comments: None

Correspondence/Consultation/References:

IV. Extraordinary Circumstances

Based on the review of compliance with other environmental laws and Executive Orders, and in consideration of other environmental factors, review the project for extraordinary circumstances.

* A "Yes" under any circumstance may require an Environmental Assessment (EA) with the exception of (ii) which should be applied in conjunction with controversy on an environmental issue. If the circumstance can be mitigated, please explain in comments. If no, leave blank.

Yes

- ☐ (i) Greater scope or size than normally experienced for a particular category of action
- ☐ (ii) Actions with a high level of public controversy
- ☐ (iii) Potential for degradation, even though slight, of already existing poor environmental conditions;
- ☐ (iv) Employment of unproven technology with potential adverse effects or actions involving unique or unknown environmental risks;
- ☐ (v) Presence of endangered or threatened species or their critical habitat, or archaeological, cultural, historical or other protected resources;
- ☐ (vi) Presence of hazardous or toxic substances at levels which exceed Federal, state or local regulations or standards requiring action or attention;
- ☐ (vii) Actions with the potential to affect special status areas adversely or other critical resources such as wetlands, coastal zones, wildlife refuge and wilderness areas, wild and scenic rivers, sole or principal drinking water aquifers;
- ☐ (viii) Potential for adverse effects on health or safety; and
- ☐ (ix) Potential to violate a federal, state, local or tribal law or requirement imposed for the protection of the environment.
- ☐ (x) Potential for significant cumulative impact when the proposed action is combined with other past, present and reasonably foreseeable future actions, even though the impacts of the proposed action may not be significant by themselves.

Comments: None

V. Environmental Review Project Conditions

Project Conditions:

1. As per 44 CFR 9.11, requirements to elevate, mitigate, wet or dry flood proof; where possible will be implemented. In compliance with EO 11988, an 8-step process was completed and is attached. Per 44 CFR 9.12, applicant must publish a final public notice 15 days prior to the start of construction activities. Final public notice is to be forwarded to the LAGOHS/OEP and FEMA for inclusion in the permanent project files.
2. If during the course of work, archaeological artifacts (prehistoric or historic) or human remains are discovered, the applicant shall stop work in the vicinity of the discovery and take all reasonable measures to avoid or minimize harm to the finds. The applicant shall inform their Public Assistance (PA) contacts at FEMA, who will in turn contact FEMA historic preservation staff. The applicant will not proceed with work until FEMA historic preservation staff have completed consultation with the Louisiana State Historic Preservation Officer (SHPO). In addition, if unmarked graves are present, compliance with the Louisiana Unmarked Human Burial Sites Preservation Act (R.S. 8:671 et seq.) is required. The applicant shall notify the law

enforcement agency of the jurisdiction where the remains are located within twenty-four hours of the discovery. The applicant shall also notify FEMA and the Louisiana Unmarked Burial Sites Board (call the Louisiana Division of Archeology at 225-342-8170) within seventy-two hours of the discovery. Failure to comply with these stipulations may jeopardize receipt of FEMA funding. If the scope of work changes to include further ground disturbing activities, this project will need to be resubmitted for further historic review.

3. Unusable equipment, debris and material shall be disposed of in an approved manner and location. In the event significant items (or evidence thereof) are discovered during implementation of the project applicant shall handle, manage, and dispose of petroleum products, hazardous materials and/or toxic waste in accordance to the requirements and to the satisfaction of the governing local, state and federal agencies.
4. Mercury containing devices - this project potentially involves the disposal of metallic mercury containing electronic devices. The applicant is responsible for ensuring that these devices are recovered, recycled, reused or sequestered in accordance with the Louisiana Department of Environmental Quality (LDEQ) "Declaration of Emergency; Mercury-containing Devices and Electronic Equipment as Universal Waste" letter dated October 3, 2005.
5. Removal and disposal of debris containing household hazardous waste and certain categories of liquid wastes must be performed in accordance with all applicable federal and state laws, regulations, executive orders and guidelines. Lac Title 33 Part vii requires that specified items, including lead acid batteries, used oil filters, used motor oil, scrap tires, cfc's (refrigerants), radioactive waste or regulated infectious wastes must be segregated from and excluded from non-hazardous debris collection, staging, processing and disposal sites. Failure to comply with applicable legal requirements in debris collection and/or disposal operations will jeopardize federal funding. The clean-up or restoration/repair of sites damaged as a result of such operations are ineligible for federal funding. Previously obligated funding is subject to de-obligation if a determination of ineligibility is made.

Monitoring Requirements: None