

Record of Environmental Consideration

REVISED FOR FEMA ENVIRONMENTAL -- LOUISIANA -- 2006

See 44 Code of Federal Regulation Part 10

Project Name/Number: Pebble Beach Pump Station Drainage District #5/ PW#1869-1
FIPS#103-U7TZW-00

Project Location: Pump Station #2 on Levee, City of Slidell, Louisiana, St. Tammany Parish 70458
Latitude: 30.22881, Longitude: -89.7852

Project Description: Heavy rains, high winds, and flood waters from Hurricane Katrina (DR-1603) caused significant damage to Pebble Beach Pump Station #2 of Drainage District #5. Salt water flooded the pump station electric control panel. On 9/14/05, Ideal Rentals removed the pump panel to be rebuilt. This version reimburses the eligible applicant for mitigation measures to elevate the pump panel (1 foot above Advisory Base Flood Elevation) or approximately 18". All work will be performed in a previously disturbed area nearby waterways. Because project will repair facility to pre-disaster footprint, it is not expected to affect the surrounding wetland. Care should be taken, however, in equipment and materials storage and construction activities (including equipment and materials staging) to ensure that wetlands are not adversely affected per the Clean Water Act and Executive Order 11990

Documentation Requirements

- ☐ (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 and/or included in project files, as applicable.

National Environmental Policy Act (NEPA) Determination

- ☐ Statutorily excluded from NEPA review. **(Review Concluded)**
- ☐ Programmatic Categorical Exclusion - Category (Reference PCE in comments) **(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 the alternative arrangement (utilities and wastewater treatment plants) type of project. This project has conditions and requires mitigation under the other EHP laws.

Reviewer and Approvals

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

FEMA Environmental Reviewer:

Name: Adam Borden, FEMA - Environmental Specialist


Signature



Date

7-19-06

FEMA Regional Environmental Officer or Delegated Approving Official:
Name: Don Fairley, Environmental Liason Officer

Signature  Date 7.19.06

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

A. National Historic Preservation Act (NHPA)

- ☐ Not type of activity with potential to affect historic properties.
☒ Activity meets Programmatic Agreement, December 3, 2004. Appendix A: I.A
Are project conditions required? ☐ Yes (see Section V) ☒ No
☐ Programmatic Agreement not applicable, must conduct standard Section 106 Review.

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: This scope of work has been reviewed and meets the criteria in Appendix A, programmatic allowances, item I, section A, of FEMA's Programmatic Agreement (PA) dated December 3, 2004. In accordance with the PA, FEMA is not required to determine the national register eligibility of properties where work performed meets the Appendix A criteria. C. Hurst, Environmental Specialist.

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: Project is located in a previously developed area. Neither listed species nor their habitat occur in or near this site, thus FEMA finds there will be no effect to threatened or endangered species.

Correspondence/Consultation/References: USFWS emergency consultation provisions determined in letters dated September 15, 2005 for Katrina.

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: Project is not within a CBRA zone.

Correspondence/Consultation/References: Louisiana Coastal Barrier Resource System Maps referenced 07/19/06.

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: Because project will repair facility to pre-disaster footprint, it is not expected to affect the surrounding wetland. Care should be taken, however, in equipment and materials storage and construction activities (including equipment and materials staging) to ensure that wetlands are not adversely affected per the Clean Water Act and Executive Order 11990.

Correspondence/Consultation/References: USFWS National Wetlands Inventory map (<http://www.fws.gov/nwi/>) queried on 07/19/06.

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 (DNR) 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 1-800-276-4019.

Correspondence/Consultation/References: LDNR Louisiana Coastal Zone map 2002.

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: No streams or water bodies are located in or near the project area.

Correspondence/Consultation/References: Louisiana Map (<http://www.lamap.doa.louisiana.gov/>) queried 07/18/06.

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: The proposed project includes activities that would produce a minor, temporary, and localized impact on air quality from fugitive dust particles. No long-term air quality impact is anticipated.

Correspondence/Consultation/References: EPA Region 6 Non-attainment Map.

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: The project site is in a developed area and Farmland Protection Policy Act (FPPA) is precluded. No prime or unique farmland present.

Correspondence/Consultation/References: National Resource Conservation Service, Web Soil Survey (<http://websoilsurvey.nrcs.usda.gov/app/>) referenced 07/19/06.

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: The site is an existing disturbed area with little value to migratory birds and would not be included in the USFWS migratory bird management program.

Correspondence/Consultation/References: USFWS guidance letter dated September 15, 2005 for Katrina

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: Because project will repair facility to pre-disaster footprint, it is not expected to affect the surrounding wetland. Care should be taken, however, in equipment and materials storage and construction activities (including equipment and materials staging) to ensure that wetlands are not adversely affected per the Clean Water Act and Executive Order 11990.
Correspondence/Consultation/References: Louisiana Map (<http://www.lamap.doa.louisiana.gov/>) referenced 07/19/06.

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: National Wild and Scenic Rivers <http://www.nps.gov/rivers/wildriverslist.html>. referenced 07/19/06 .

L. Other Relevant Laws and Environmental Regulations

State Hazardous Materials and Solid Waste Laws

Comments: Applicant shall handle, manage, and dispose of potentially hazardous waste, universal waste, and hazardous materials in accordance with the requirements of local, state, and federal regulations. These materials may include but are not limited to asbestos, lead-based paint, laboratory reagents, propane cylinders, paints and solvents, coolants containing chlorofluorocarbons (cfc's), used oil, polychlorinated biphenyls (pcbs), other petroleum products, used oil filters, fuel filters, cleaning chemicals, pesticides, batteries, and unlabeled tanks and containers. Equipment that may include these materials are ice machines, refrigerators, generators, computers, televisions, mercury switches, fluorescent lights, fluorescent light ballasts, sandblast units, paint sprayers, etc.

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: The site is located in Zone A10.

<http://store.msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView?storeId=10001&catalogId=10001&langId=-1>.

The parish of St. Tammany enrolled in the National Flood Insurance Program 04/23/71. Per Flood Insurance Rate Map 2252005 0535D, dated 04/02/91, project is located in zone A-10, area of 100-yr flood, base flood elevations and flood hazard factors determined. Project is repair of equipment. In compliance with 44 CFR 9.11, to elevate, mitigate, wet or dry floodproof, mitigation measures have been considered and are attached. A.Spann, FPM

Correspondence/Consultation/References: FEMA Flood Insurance Rate Map, Community Panel No. # 2252005 0535D, dated 04/02/91

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: Because project will repair facility to pre-disaster footprint, it is not expected to affect the surrounding wetland. Care should be taken, however, in equipment and materials storage and construction activities (including equipment and materials staging) to ensure that wetlands are not adversely affected per the Clean Water Act and Executive Order 11990.
Correspondence/Consultation/References: USFWS NWI map accessed on-line (<http://wetlandsfws.er.usgs.gov/wtlnds/launch.html>) 07/18/06.

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: Project scope of work will have no adverse impact on any population.
Correspondence/Consultation/References: U.S. Census bureau 2000 data at <http://factfinder.census.gov>, referenced 07/19/06.

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).

State Hazardous Materials and Solid Waste Laws

Comments: Applicant shall handle, manage, and dispose of potentially hazardous waste, universal waste, and hazardous materials in accordance with the requirements of local, state, and federal regulations. These materials may include but are not limited to asbestos, lead-based paint, laboratory reagents, propane cylinders, paints and solvents, coolants containing chlorofluorocarbons (cfc's), used oil, polychlorinated biphenyls (pcbs), other petroleum products, used oil filters, fuel filters, cleaning chemicals, pesticides, batteries, and unlabeled tanks and containers. Equipment that may include these materials are ice machines, refrigerators, generators, computers, televisions, mercury switches, fluorescent lights, fluorescent light ballasts, sandblast units, paint sprayers, etc.

Correspondence/Consultation/Reference:

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:

The following conditions apply as a condition of FEMA funding reimbursement:

- Applicant shall handle, manage, and dispose of potentially hazardous waste, universal waste, and hazardous materials in accordance with the requirements of local, state, and federal regulations. These materials may include but are not limited to asbestos, lead-based paint, laboratory reagents, propane cylinders, paints and solvents, coolants containing chlorofluorocarbons (cfc's), used oil, polychlorinated biphenyls (pcbs), other petroleum products, used oil filters, fuel filters, cleaning chemicals, pesticides, batteries, and unlabeled tanks and containers. Equipment that may include these materials are ice machines, refrigerators, generators, computers, televisions, mercury switches, fluorescent lights, fluorescent light ballasts, sandblast units, paint sprayers, etc.
- Project is repair of equipment. In compliance with 44 CFR 9.11, to elevate, mitigate, wet or dry floodproof, mitigation measures have been considered and are attached.