

NOAA Comments on Draft Permit Plats

GENERAL COMMENTS

All materials must be legible after being copied to black and white (on a low quality copier) and faxed (on standard, not high quality resolution). Plan views on color background may not be suitable.

Prepare applications, including plats, vicinity maps, for each project independently. Remove references to other project, borrow areas, etc.

Reduce project titles to Pelican Island Restoration and Chaland Headland Restoration and reference CWPPRA project number BA-38-1 (Pelican) and BA-38-2 (Chaland). ... (i.e., delete ■Barataria/Plaquemines Barrier Shoreline System●)

Some sheets and figures appear duplicitive. For example, the Pelican application includes two vicinity maps: Figure 1 and Sheet 1.

Drawings should comply with New Orleans▲ District standard requirements (reference New Orleans▲ District website www.mvn.army.mil/ops/regulatory/permover) instructions for vicinity map, cross-sections, plan view drawings, etc. Examples of revisions which need to be made include depicting MHW and MLW on all cross-sections, labeling federal projects, maintaining adequate page margins.

The plan views are too busy while not including all required information. Remove survey profile lines and include only those referencing specific cross-section included in the plats (3 to six maximum). Label major passes/channels. All project elements must be shown, including dredging and filling (primary containment dikes and associated borrow, disposal areas for material from access channels, tidal creeks, degradation of existing spoil banks or other high areas); work corridors (highly recommended); sand fencing, etc.

Reduce total number of cross sections to no more than six, but three probably sufficient (both ends and middle). Provide more details on sections and show all anticipated work.

Construction access - only one access channel depicted, but no associated disposal shown on plan view, and neither dredging or disposal depicted on cross-section. Revise to show all planned dredging and filling with this feature. Include dredging and associated disposal for all other necessary flotation access to the fill area. Consider showing temporary work corridors to minimize tracking impacts.

The issue of ■dikes● (retaining, primary, secondary, training) needs to be clarified. Retaining dikes can be used to describe bay side and any other dikes which will be constructed from in situ materials and will be more long term in nature, i.e., not degraded until dewatering. Training

dikes could be used to describe any temporary (basically gone before demob) dike constructed from placed, not in situ, materials. Training dikes can be larger features constructed on emerging beach fill, or small ■potato dikes• a foot or so high. Internal retaining dikes constructed to create cells or sub-divide large disposal areas) would typically be considered ■secondary• dikes; source of material, dimensions, and fate (degraded prior to demob, covered by fill, etc.) should be stated.

Delete revisions table on all pages once reach the final draft.

Why is the extreme western end of the pipeline canal excluded from the project (i.e., why isn't it being filled)

SPECIFIC COMMENTS - PELICAN ISLAND **APPLICATION FORM**

- Block 5. Replace with ■NOAA Fisheries•
- Block 6. Replace National Marine Fisheries with NOAA Fisheries
- Block 8 Replace with Richard Hartman, Chief/Baton Rouge Field Office
- Block 9 Replace with c/o Louisiana State University/Baton Rouge, LA 70803-7535
- Block 10. Replace with bussiness: 225/389-0508 and FAX: 225/389-0506
- Block 12. Revise title to ■Pelican Island restoration project, CWPPRA project BA-38-1.•
- Block 15. Revise to ■Pelican Island, Plaquemines Parish•. Eliminate Attachment 15; vicinity map will serve this purpose.
- Block 17. Correctly name the Empire Waterway and correct text; the project is located east of the Waterway.
- Block 18. Some information (cy, type of materials) should be moved to Block 21. Clarify dredging quantities as dredged or quantity placed. Reference specific borrow areas to be used for each component (i.e., Sandy point for beach fill and Empire for marsh fill). Clarify initial fill elevation for marsh vs. target elevation (*may have to wait until LDNR geotechnical results*). State that retaining dikes will be degraded after de-watering and stabilization of marsh fill. Discuss construction of tidal creeks, methodology, size, orientation, etc. Discuss use of spill boxes and include typicals in plats if planned for use.
- Block 21. Paragraph 1 may be better placed in Block 18, Nature of the Activity. Clarify dredged vs. in-place quantities. Provide cy estimate for overburden to be removed and discharged. Provide summary information regarding grain size for

beach fill. Include estimates of **all** other excavation and discharges, including access channel, and retention dikes (use placeholder until retention dike cross-section finalized). Note that any unpermitted excavation or discharges can result in permit violations, including cease and desist actions by COE.

Block 22. Provide more detailed estimate of acreage impacts. The following information should be included: acres of open water filled and converted to marsh (acres) and supratidal habitats (acres); acres of existing wetlands converted to other habitats, including acreage. This information used by regulatory functions to assess net benefits (or impacts) associated with proposed action. See instructions at www.mvn.army.mil/ops/regulatory/perlover.

Block 25. List all approvals which will be required, and use date of submission to COE as **■date applied**. Indicate **■in progress** under date approved/date denied.

PLATS

Sheet 1, Location Map

1. Remove Chaland features
2. Change title
3. Label Empire Waterway

Sheets 2 and 3, Plan Views

1. Label Empire Waterway and jetties, and Scofield Bayou/Pass
2. Label Pelican Island
3. Delete northings and eastings
4. Delete profile lines except those used as cross sections (suggest 3 - 6 cross-sections to be used as **■typicals**)
5. Label target fill elevations for each platform; be consistent with nomenclature (the Attachments discuss **■berms** and the plan views label same feature as **■dune**)

Sheet 4.

Delete **■preliminary**. Specify **■maximum** cut to -27.0 ft. Is there adequate depth for flotation to access the deposits, or will dredging into the area be necessary? Bathymetry suggests access dredging to borrow areas may be necessary. Address implications of magnetometer hits for construction; are these hits identified as known structures, possible debris, etc? Is this discussed in the geotechnical report? Specify limits of all borrow areas in x/y coordinates (can use table or note on sheet). Check to make sure plat is legible, including contours, after copying and faxing.

Sheet 5.

What is the purpose of this sheet?

Sheet 6.

Sheet is too busy; suggest deleting vibracore locations. Delete **■preliminary**. Show cut limits. Specify maximum fill heights in disposal areas. Specify limits of all borrow and

disposal areas in x/y coordinates (can use table or note on sheet). Check to make sure plat is legible, including contours, after copying and faxing.

Sheet 7.

What is the purpose of this sheet?

Sheets 8 - 21, Profile Cross Sections

1. Reduce number of cross-sections to 3 - 6. Increase overall size of profile, perhaps by deleting portions of the sections which are well outside of any construction activities, placing one section per sheet, etc.
2. Show all dimensions.
3. The transition from beach fill to marsh fill looks artificial and unconstructable. Are we anticipating training dikes along this transition?
4. Bayside containment dike not to scale, no source/borrow is depicted. Include a sheet or insert depicting details/typical cross sections. Consider showing a couple of cross-sections depicting end members of dike sections (i.e., one constructed across marsh and one in deeper open water areas).
5. No containment depicted for limits of dune. Any containment, including temporary should be depicted.
6. Vertical tolerance (positive and negative) should be specified for all work elements and not left to interpretation.
7. Profile legend should be enlarged and Sept 2002 line depicted in a means reviewers are able to differentiate from the other lines in black in white (i.e., hatched).
8. Continue to use +3.0 ft NAVD for marsh elevation but assume that it will be revised prior to final submission