

Baker

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Letter of Transmittal

To: Puerto Rico Environmental Quality Board
 431 Ponce de Leon Avenue, 8th Floor
 Hato Rey, PR 00917

S.O. No. 62470-296-SRN
 Project: SWMU 45 Naval Station Roosevelt Roads
 Date: December 11, 1995

Attn: Mr. Miguel A. Maldonado-Negron

Mr. Jose Baba

We are forwarding the following: Attached Under Separate Cover

DWG. NO.	NO. COPIES	TITLE OR DESCRIPTION	COMMENTS
	2	Revised Final Design Package	
	1	Comment/Response Letter	

THESE ARE TRANSMITTED as checked below:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> As requested | <input type="checkbox"/> No exceptions taken | <input type="checkbox"/> Revise and resubmit |
| <input type="checkbox"/> For review and comment | <input type="checkbox"/> Rejected - See remarks | <input type="checkbox"/> Submit specified items |
| <input type="checkbox"/> For your information | <input type="checkbox"/> Proceed subject to corrections noted | <input type="checkbox"/> For signature |

GENERAL COMMENTS:

BAKER ENVIRONMENTAL, INC.

By: Coreen Casadei

Title: Project Manager

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RESPONSE TO COMMENTS ON THE 100 PERCENT DESIGN PACKAGE

**INTERIM CORRECTIVE MEASURE AT SWMU 45
CONTRACT TASK ORDER 0296
NAVAL STATION ROOSEVELT ROADS, PUERTO RICO**

DECEMBER 11, 1995

Comments from Madeline Rivera, NSRR, dated 13 November 1995

Comment No. 1a(1): Page 2-6. Reference to conversation to EPA Regional Administrator's Office must be deleted per Mr. Tim Gordon's request.

Response: *This has been deleted as requested.*

Comment No. 1a(2): Page 3-3. Washing with a solvent should be eliminated as an option, to reduce the amount of hazardous waste generated.

Response: *This option has been deleted as requested.*

Comment No. 1a(3): Page 3-4. Substitute NSRR Water Pollution Branch for NSRR STP personnel.

Response: *This substitution has been made as requested.*

Comment No. 1a(4): Page 4-4. List of tests seems to be different from list on Specifications.

Response: *The listing of analytical testing has been corrected in the specifications and the Basis of Design Report.*

Comment No. 1b(1): Section 01430, page 4. List of testing for waste water is confusing. Some tests are listed under 3.1.1.2 but are not listed on the previous paragraph.

Response: *The analytical requirements have been revised.*

Comment No. 1b(2): Section 02220, page 5. Add the following to paragraph 3.2.2 "An excavation permit issued by the Public Works Department is required prior to performing any excavation. Allow two weeks for processing of the permit".

Response: *This will be incorporated into the specifications.*

Comment No. 1b(3): Section 02901, page 2, paragraph 2.2.2. Delete the note about the test to be performed by the Forrestal Waste Water Treatment Personnel. The STP personnel perform these tests as part of plant operation but they will not characterize the effluent coming from the

Contractor's treatment system. The STP is contractor operated. (This comment also contained a listing of limits that apply to the Forrestal STP.)

Response: The note will be deleted from this section of the specifications.

Comment No. 1b (4): Section 02901, page 3, paragraph 3.4.1. Tests listed here are not all inclusive. Also state that contractor is responsible for conducting all the required tests.

Response: This section of the specifications will be changed as requested.

Comment No. 1c: State that the contractor must provide technical and operational data on the water treatment system to the Water Pollution Branch to request an one-time modification to the NPDES permit.

Response: Baker Environmental, Inc. and LANTDIV will be addressing all permitting requirements. OHM will provide the technical and operation data to LANTDIV and Baker, and we will submit the NPDES permit modification request.

Comments from Ivan Rosado, P.E., NSRR ROICC

Comment No. 1: Drawing C-1. Provide details for decontamination pad and sludge container area.

Response: The decontamination pad detail is a typical detail that OHM provides in their work plans. Formerly LANTDIV Code 04 has asked us not to include decontamination or containment details to avoid duplication by OHM.

Comment No. 2: Drawing C-1. Provide detail for safety fence. (How high? What type of material?)

Response: This is another detail that Baker was asked to exclude from their design packages. Typically the safety fence is orange or brightly colored poly fence that is three to four feet high.

Comment No. 3: Drawing C-2. Provide detail for concrete sealing walls (work note 5) at intake tunnel.

Response: The concrete sealing walls will most likely be constructed by placing forms into the existing tunnels and filling these forms with concrete. OHM will provide the details for the sealing walls that they will eventually construct.

Comment No. 4: Specifications, Section 01010, paragraphs 1.2.2 and 1.2.3. Change the word NTR for the word COTR on these two paragraphs.

Response: These sections will be changed as requested.

Comment No. 5: Specifications, Section 01010, paragraph 1.3.1.8. Add the word “application” after “Excavation Permit”. Application should be submitted to Public Works via the NTR.

Response: *This section will be changed as requested.*

Comment No. 6: Specifications, Section 02223, paragraph 1.2.1.1. Waste shipping documentation shall be signed by the Hazardous Waste Manager of the Naval Station and not by the NTR. Please make the correction.

Response: *This correction will be incorporated into the specifications.*

Comments from Marvin Barnes, LANTDIV, Code 4071 (Cost Engineering)

Comment No. 1: Quotes. Does the quote for lightweight concrete consider the location, Roosevelt Roads? Is this available in Puerto Rico, esp. The Fajardo area (adjacent to Roosevelt Roads)?

Response: *The lightweight concrete identified in the cost estimate is a mixture of foam and cement. The cement may be purchased in Puerto Rico. The manufacturers of the foam can arrange for its shipment to Puerto Rico. In addition, a foam generator can be shipped to Puerto Rico for mixing the foam and cement. Costs for the materials, labor, and shipping will be included in the Revised Final Cost Estimate.*

Comment No. 2: Could not locate spec to cover lightweight concrete.

Response: *The specification for low density flowable fill material (i.e., lightweight concrete) is presented in Paragraph 2.2 of Section 02220.*

Comment No. 3: Numerous quotes are referenced in your estimate, but I couldn't locate them in the backup. Please include quotes with your estimate.

Response: *Quotes will be provided in the backup information.*

Comment No. 4: Provide floppy disk copy of your estimate at final.

Response: *A disk copy of the final cost estimate will be provided with the revised final submission of this design package.*

Comment No. 5: If the assumption is that the “local labor” does not get per diem or lodging, what is the travel cost?

Response: *There will be no per diem or travel costs for local labor in the Revised Final Cost Estimate.*