



Sources:  
 1. CSA Architects and Engineers, LLP / CSA Group, Inc., Hydraulic Modeling, October, 2006  
 2. Black and Veatch: "Request for Proposals, Volume 3 of 3 - Drawings, December 2000";  
 Hydraulic Models prepared by CSA Architects and Engineers, LLP / CSA Group, Inc. for the  
 Puerto Rico Authority for the Financing of Infrastructure (AFI by Spanish acronym); 1998-2002.  
 3. CSA Architects and Engineers, LLP / CSA Group, Inc., Hydraulic Modeling for AFI Projects, 2000.  
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Coordinate System: State Plane NAD83 Puerto Rico & Virgin Islands FIPS 5200 (Meters)

Scale 1:22,000  
 500 250 0 500 Meters

- Legend:**
- Final Proposed Project<sup>1</sup>:**
- Pump Stations
  - Water Treatment Plant
  - Tanks
  - Proposed Dam
  - ▭ Valenciano Reservoir
  - Transmission Lines
  - Line to Tank Alternative 2
- Original Proposed Project<sup>2</sup>:**
- Pump Stations
  - Water Treatment Plant
  - Tanks
  - Transmission lines
- Existing Infrastructure<sup>3</sup>:**
- ⊕ Wells
  - Pump Stations
  - Tanks
  - Water Treatment Plant
- Pipelines (in inches):**
- 12
  - 24
  - 30
  - 42
  - All others pipelines
- Main Roads  
 □ Ward Limits  
 ▭ Municipality Limits



**Figure 3-4: Proposed Improvements Valenciano Project**  
**CIP 3-12-6002: Valenciano River Dam and Reservoir**

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