

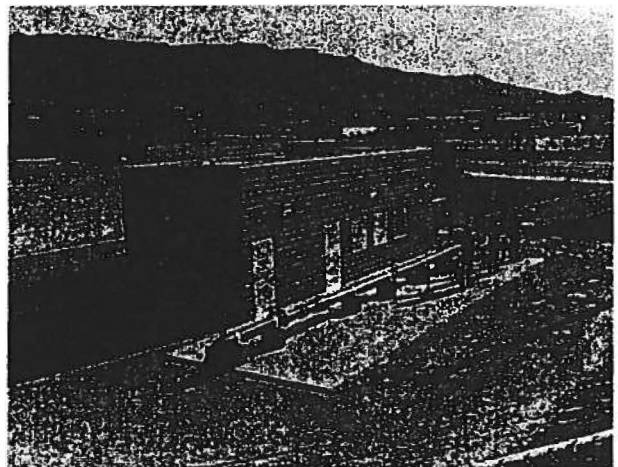
MONTHLY PROGRESS REPORT (No. 10)**PROJECT NAME: NORTHWEST RECLAMATION FACILITIES PHASE 4****BID No.: 2-00****PROJECT No.: 158020 (Task order No. 5)****DATE: December 1, 2000 to December 31, 2000****PREPARED BY: A A, P.E. / R E (CM)****1. ACTIVITIES REPORT**

- **Shop Drawings:** On December 31, the General Contractor, submitted shop drawing 49-84A, 49-88, and 49-7A for review.

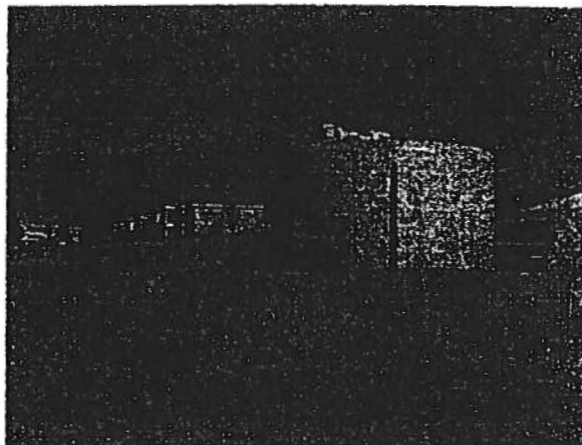
2. CONSTRUCTION WORK COMPLETED

- 12" Ductile Iron Pipe for Mesa Hills Transmission Main Line "A", suction line for Mesa Hills Pump Station, has been installed and leak tested.
- Ductile Iron Pipe for Mesa Hills Transmission Line "B", Chermont Line has been installed and leak testing is successfully completed. This month 90% of asphalt patch has been installed on for the 6" Chermont Line along Sunland Park Drive. The 12" line at Mesa Hills Drive bridge crossing has been installed. Leak testing is awaiting the installation of joint thrust restraints on exposed joints
- The 36" bore across North Mesa has been completed without difficulty. Installation of the 12" ductile iron pipe inside the 36" casing is underway.

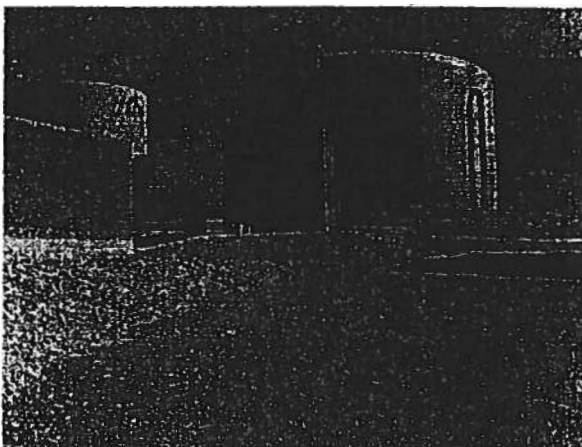
Mesa Hills Pump Station –Asphalt paving installed, electrical power is turned on, permanent potable water meter is installed and connected. Pumps have been checked for proper rotation and final internal punchlist work by Contractor continues. Interior and exterior painting is completed.



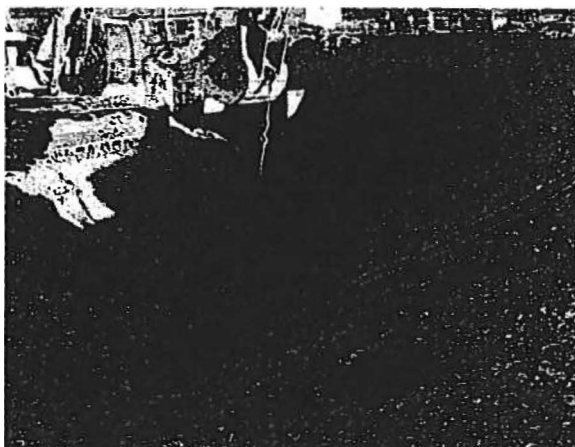
Mesa Hills Tank Reservoir – Asphalt driveway installed, perimeter fencing installed, power and permanent potable le water connection is completed. Tank has successfully passed leak test. Interior and exterior painting is completed. Work continues on Contractor’s internal punchlist.



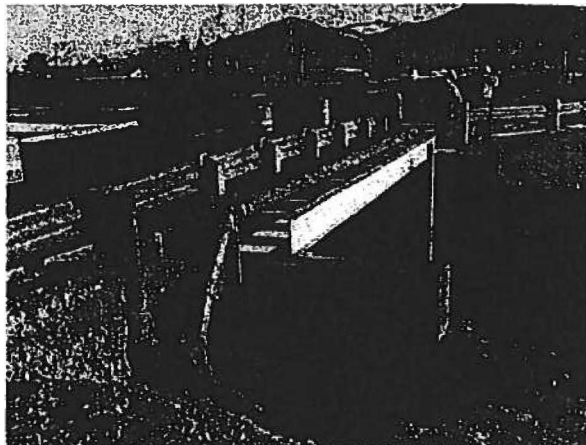
Upper Coronado Recirculation/Chemical Building - New building has been completed, exterior block painting is completed. System startup is also pending.



Mesa Hills Transmission Line “B” – Boring Crossing at Mesa Street, the final section of new 36” casing is being installed without incident. The 12” ductile iron piping will be installed in casing.



Chermont Line Bridge Crossing – The 6" ductile iron pipe has been installed across the channel on Sunland Park Drive. Leak testing awaits completion of thrust restraints.



3. KEY ISSUES

- Change Order No. 1 has been executed by the Owner. The total C.O. amount is an increase of \$49,635.45 and 30 days contract time extension.
- Change Order No. 2 has been executed by the Owner and is included in December's pay application. The Change Order provides for a 36" casing to be installed adjacent to the abandoned 24" casing at the Mesa Street North crossing.
- Project startup details will be discussed at the next bi-weekly meeting to be held on January 16, 2001. With no difficulties encountered, the Contractor expects to be substantially complete at the end of January, 2001.

4. PROJECT SCHEDULE

- **Engineer's Work**

Estimated overall percentage of completion of engineer's work is approximately 90% and the breakdown for field and Engineering work is shown on the table below. All efforts are moved to field inspection & testing, responding to request for additional information by contractor, and coordinating meetings with general contractor.

Field Inspection

90%

Engineering/Office

99%

- **GENERAL CONTRACTOR**

Work completed by the General Contractor on the Northwest Water Reclamation Facilities Phase 4 Bid Item 2-00 is approximately 96% complete. Contract Time elapsed is 92%.

The project description of the work and percentage of completion of the four major components on this contract are:

1. Mesa Hills Pump Station – Building is complete, electrical, instrumentation, and chemical feed facilities are complete connection to pump station. Permanent potable water is connected, painting is completed. **The overall percent completion for this phase of the project stands at approximately 95%.** The progress schedule is within the proposed schedule by the general contractor.

2. Mesa Hills Tank Reservoir –The erection and painting of the tank reservoir is complete. **The overall percent completion for this component is approximately 99%.** Work pending is final startup and testing. The progress of the tank construction as submitted by the general contractor is within progress schedule.

3. Recirculation/Chemical Buildings –The chemical feed buildings at Upper Coronado Reservoir and Mesa Hills Reservoir are complete including clean up and painting. Work pending involves final checkup and system startup. **The overall percent completion for these buildings stands at approximately 95%** and well within the proposed project schedule.

4. Pipeline consisting of 4", 6", 8" and 12" Ductile Iron Pipe – 99 percent of the pipeline has been installed. Remaining pipe work includes installation of 12" pipe inside the 36" casing at North Mesa, final connection and leak testing. **Overall percentage complete for these components is approximately 99%** and well within the proposed project schedule.

5. **ATTACHMENTS**

- Staff Activities for the month of December
- Bi-Weekly Meeting Minutes
(December 13, 2000)
- Updated Log of Shop Drawings. (This report includes only updated pages)