

**GW - 338**

**INSPECTIONS &  
DATA**

**2001**



December 21, 2001  
AMEC Project No. 1-517-000088

Mr. Mark Bareta  
Williams Field Services  
188 CR 4900  
Bloomfield, New Mexico 87413

**RE: Drain Line Testing**  
**Williams Field Services Mesa NGL Pump Station**  
**Chaves County, New Mexico**

Dear Mr. Bareta,

AMEC Earth & Environmental, Inc. (AMEC) is pleased to provide Williams Field Services (WFS) with results of hydrostatic testing for the subsurface, non-pressurized, process and wastewater drain system at the WFS Mesa NGL Pump Station located in rural Chaves County, New Mexico. Only subsurface, non-pressurized process and wastewater lines were tested according to the facilities' Oil Conservation Division (OCD) Ground Water Discharge Plan requirements.

AMEC mobilized to the site and began drain line testing activities on November 26, 2001. The work was completed on November 29, 2001. AMEC's on-site crew consisted of Bruce Hare (Site Supervisor) and a 3-man field crew.

The underground pipelines carrying process or wastewater were isolated. Each isolated system was filled with clean water and air was removed. A water-filled riser of sufficient height was used to provide a minimum of 3 pounds per square inch above normal operating pressure (all risers were at least 8-feet in height). A system was considered passing or non-leaking when the height of the water column held steady for a period of 60 minutes. Any leaks encountered were repaired and the system was re-tested until the passing criteria described above was met.

Details of each drain line tested are summarized in the attached Pressure Test Reports.

In keeping with WFS's policy, along with AMEC's own internal Health and Safety policies, AMEC's on-site employees attended daily safety meetings.

Williams Field Services  
Drain Line Testing-Mesa NGL Pump Station  
Phase 5, Task 29  
December 21, 2001



AMEC appreciates the opportunity to perform these services at the Mesa NGL Pump Station for WFS. Should you have any questions, please feel free to contact our office at 327-7928.

Respectfully submitted,

**AMEC Earth & Environmental, Inc.**

A handwritten signature in black ink that reads "Robert Thompson". The signature is written in a cursive style with a large, stylized "R" and "T".

Robert Thompson  
Project Manager

Attachments: Daily Summary of Line Testing

Copies: Addressee (3)

# Hydrostatic Line Testing Form



AMEC Project Number: <u>15170000 88</u>		Client: <u>Williams Field Services</u>	
Task: <u>29</u>		Facility Name: <u>Mesa Station</u>	
Test Description: <u>Hydrostat Drain System with water</u>			
System Description: <u>3" PVC</u>			
Test Medium: <u>Water</u>		Test Pressure: <u>3 PSI</u> Test Date: <u>11-28-01</u>	
<b>Test Requirements:</b> Hydrostatic pressure test on all underground process/wastewater pipelines in accordance with the State of New Mexico, Energy, Minerals, and Natural Resources Department - Oil Conservation Division Best Management Practices minimum requirements. Perform a hydrostatic pressure test on underground process/wastewater pipelines at 3 pounds per square inch for a period of one hour.			

## Test Data:

Start	Stop	Pressure	Pass/Fail	Lines Tested
3:30P	4:30P	96" WC	Pass	Units #1, 2, & 3 To Main Line.
				Main Line To Wastewater Tank.

## Review and Approvals:

<u>Bruce Hare</u> AMEC Representative Signature	<u>Bruce HARE</u> Printed Name	<u>11-28-01</u> Date
<u>Bobby Attaway</u> Client Representative Signature	<u>Bobby Attaway</u> Printed Name	<u>11-28-01</u> Date