

CITY OF ALPINE GAS DEPARTMENT

2019 Progress Report



CITY OF ALPINE GAS DEPARTMENT 2019 PROGRESS REPORT

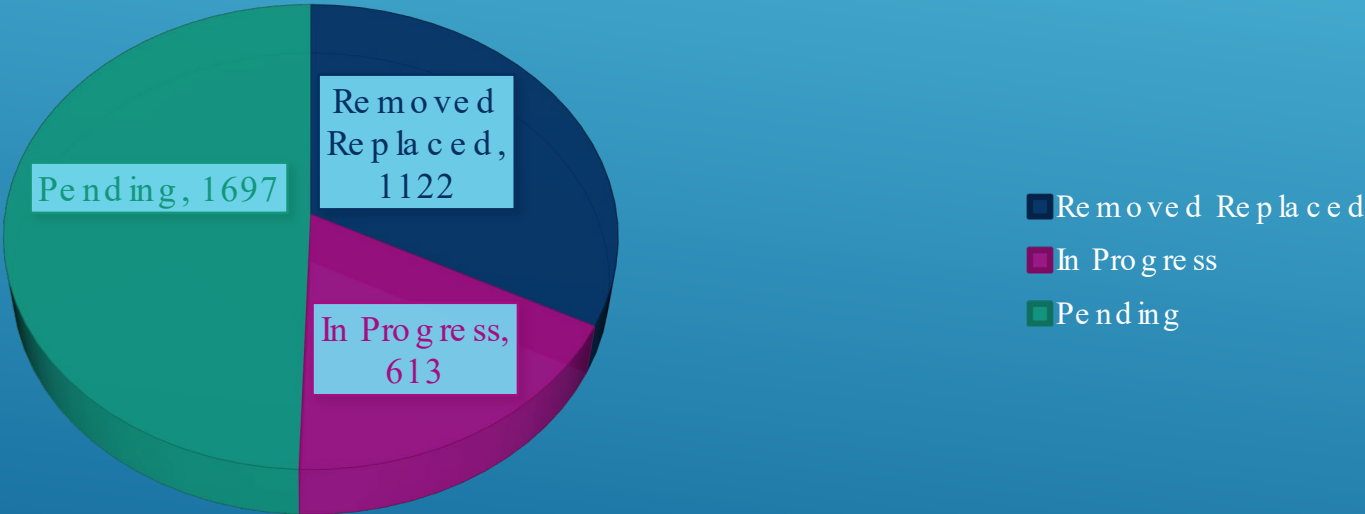
- „ Distribution Integrity Management Plan (DIMP) Distribution Facilities Replacement Program
 - „ 2019 Leak Survey
 - „ 2019 TML Audit
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ALPINE DISTRIBUTION SYSTEM QUICK OVERVIEW

- „ The City of Alpine provides natural gas to the citizens of Alpine and Fort Davis.
- „ The City of Alpine operates 68.02 miles of main, of which 55.89 miles are located in Alpine and 12.204 miles are in Fort Davis.
- „ The City of Alpine has implemented a distribution facilities replacement program in accordance with Texas Administrative Code Rule 8.209 (Distribution Facilities Replacements Section (F) #3.)
- „ The City of Alpine will replace 3432 ft of steel mains and services in Alpine and 792 ft in Fort Davis.

2019 ALPINE DIMP PROGRESS

STEEL GOAL (3432 FT)



2019 FORT DAVIS DIMP PROGRESS

STEEL GOAL (792 FT)



- Removed Replaced
- In progress
- Pending

2019 LEAK SURVEY

- „ The City of Alpine conducted its annual leak survey in April of this year, Lone Star Corrosion performed the survey.
- „ The leak survey revealed a total of 124 leaks between Alpine and Fort Davis.
- „ Alpine had 39 below ground leaks and 64 above ground leaks.
 - „ Grade 1 Leaks – 6 **For Immediate Repair** **All Repaired**
 - „ Grade 2 Leaks – 7 **Up to 6 Months for repair** **2 Pending Repair**
 - „ Grade 3 Leaks – 90 **Up to 3 Years for repair** **51 Pending Repair**
- „ Fort Davis had 14 below ground leaks and 7 above ground leaks.
 - „ Grade 2 Leaks – 5 **Up to 6 Months for repair** **All Repaired**
 - „ Grade 3 Leaks – 16 **up to 3 Years for repair** **All Repaired**

2019 LEAK SURVEY LEAKS ALPINE (51% COMPLETE)

LEAK SURVEY

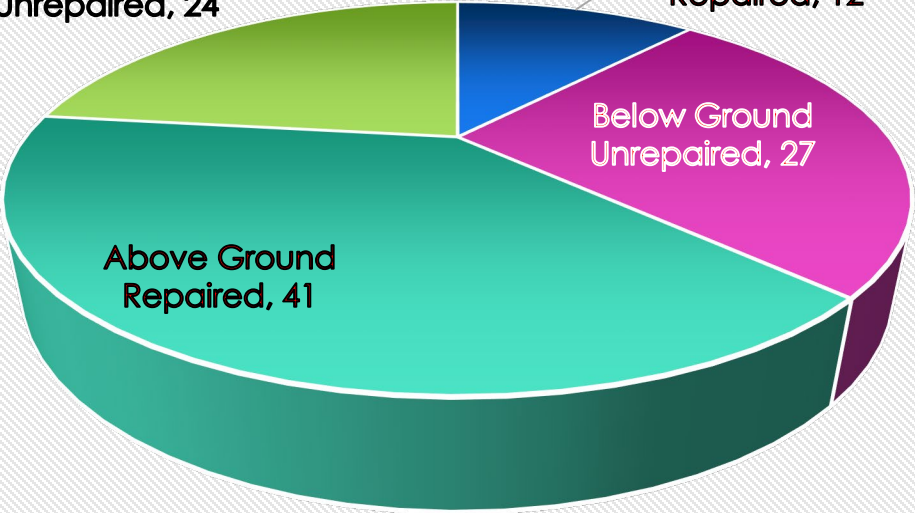
Above Ground
Unrepaired, 24

Below Ground
Repaired, 12

Below Ground
Unrepaired, 27

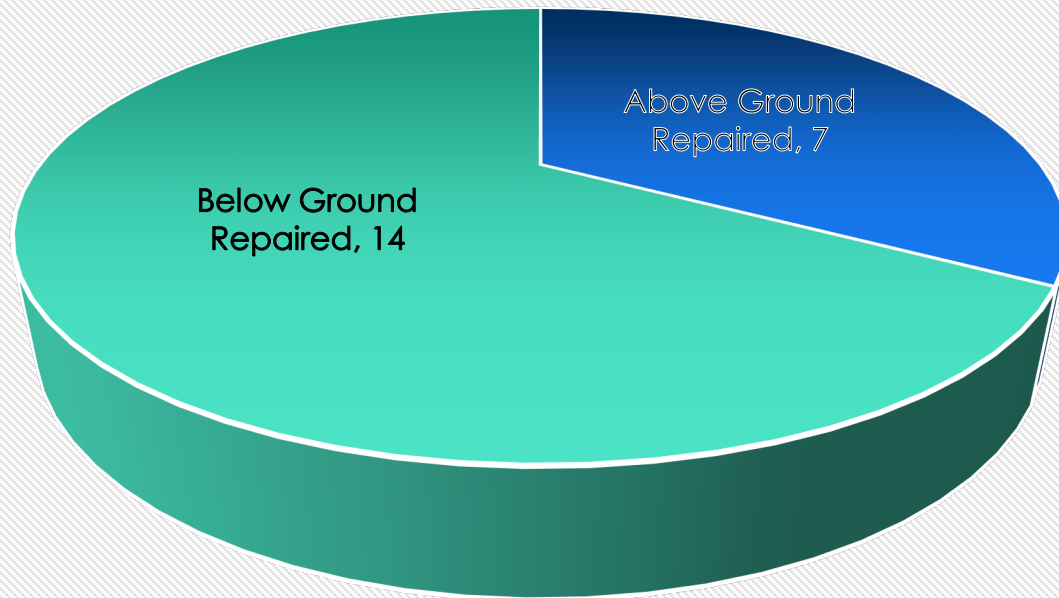
Above Ground
Repaired, 41

- Below Ground Repaired
- Below Ground Unrepaired
- Above Ground Repaired
- Above Ground Unrepaired



2019 LEAK SURVEY LEAKS FORT DAVIS (100% COMPLETE)

LEAK SURVEY



- Above Ground Repaired
- Below Ground Repaired
- Above Ground Unrepaired
- Below Ground Unrepaired

2019 TML AUDIT RECOMMENDATIONS

- „ Continue to review covered tasks and abnormal operating procedures in the operations and maintenance manual and update as necessary.
- „ Qualify and re-qualify personnel as necessary on covered task procedures and response to abnormal operating conditions and document the meetings.
- „ Review drug and alcohol testing procedures to ensure compliance.
- „ Review the damage prevention and public awareness programs as necessary/
- „ Review the expanded requirements for Excess Flow Valves (EFVs).

TML AUDIT RECOMMENDATIONS CONT.

- „ Review the Distribution Integrity Management Plan (DIMP) annually and update as necessary. DIMP records must be kept for 10 years.
- „ It is also recommended the operator consider purchasing a Remote Methane Leak Detector (RMLD) to reduce the cost of repeated leak surveys and improve emergency response.
- „ The system should also be inspected to ensure adequate protection from atmospheric corrosion.

