



WATER PRESSURE CONCERNS ALONG FEATHERLINE ROAD

DS-24-032

May 14, 2024

Background

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- During a rezoning request for 195 acres on the westside of Featherline, several citizens issued low water pressure concerns.
- TCEQ 290.44(d) – minimum water main pressure is 35 psi to be delivered to the water meter.
- City received calls related to low water pressure over past two years in three specific locations.
 - Shawlands Road
 - Cricklewood Drive
 - Aubrey Katherine Drive

Background

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- Shawlands Rd. – calls began spring 2022
 - In August 2022, area was tied into Upper Pressure Plane
 - On April 12, 2024, staff tested and registered water main pressure at 80 psi and five houses along Shawlands at 65 to 80 psi at the water meter.

Background

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- Cricklewood Dr. – calls began summer 2023
 - From September 19 – 26, 2023, TCEQ monitored pressure and no violations were found.
 - On April 12, 2024, staff registered water main pressure at 50 psi and five houses along Cricklewood at 50 to 23 psi.
 - Upon further investigation, staff found pressure reducing valves(PRV) downstream of the water meters that were causing the drop in pressure at three homes; staff notified homeowners of the issue.

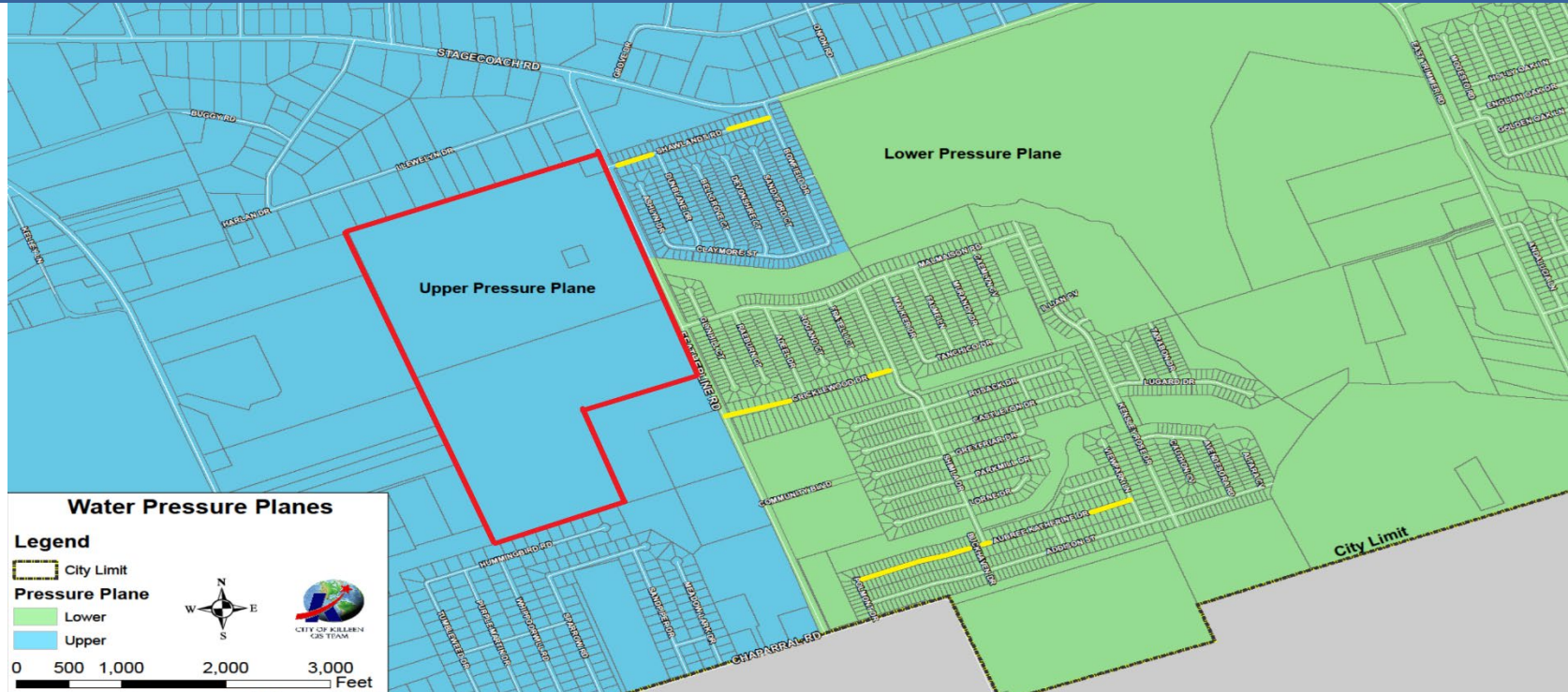
Background

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- Aubree Katherine – calls began summer 2023
 - July 2023, three valves were adjusted and the watering schedule at the new high school was adjusted to off peak hours.
 - Summer 2023, staff continually monitored pressure in this area to make sure it stayed above 35 psi at the meter.
 - In January 2024, Chaparral EST was put in service.
 - April 12, 2024, staff registered water main pressure at 62 psi and five houses along Aubree Katherine at 60 to 63 psi.

Pressure Plane Map

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TCEQ Letter

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Jon Niermann, Chairman
Emily Lindley, Commissioner
Bobby Janecka, Commissioner
Kelly Keel, Interim Executive Director

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 16, 2023

The Honorable Debbie Nash-King
Mayor of Killeen
805 W. Jasper Dr.
Killeen, TX, 76542-1325

Re: Complaint Investigation at:
City of Killeen, Bell County, Texas
TCEQ ID No.:0140006 RN No.:101391308

Dear Mayor Nash-King,

From September 19 - 26, 2023, Ms. Linette Ly of the Texas Commission on Environmental Quality (TCEQ) Waco Regional Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for a public water supply. No violations are being alleged as a result of the investigation. At this time, your public water supply continues to merit recognition as a "Superior" system.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Ms. Linette Ly in the Waco Regional Office at (254) 751-0335.

Sincerely,

Richard Monreal

Richard Monreal
Section Manager
Water Program
Waco Regional Office

RM/LL/dm

Additional Information

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- On May 3rd, city staff met with KDH and concerned citizens; water pressure at Shawlands Dr. was 64 psi, at Glynhill Ct it was 50 psi.
- Freese and Nichols will be evaluating the impact of a 600-home development on the westside of Featherline in the 2024 Water and Wastewater Master Plan.
- All tests performed on water pressures in the Featherline Rd. area are above 35 psi.

Additional Information

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- If a citizen finds their water pressure low, please call the Manager of Water and Sewer Operations at 254-501-6305.