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Stephen Norris Inc.

ARIZONA CORPORATION COMMISSION CONTROL

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W-01865A-07-0385

dba Norrco

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October 13 2008

Att: Groom Creek Water Users Association

Re: Recent Pipe Failures On Current System

As many of you know, I started working on this water system with Dick Fisher many years ago. During that time, my crew and I have worked on most if not all of the street repairs including, Zone Valves, Service Repairs, and Major Breaks.

Last week we fixed a major leak on Silver King Circle that gave me great concern, and that is the reason for this memo.

This water system is using a Mexican Transite (Asbestos) pipe that is showing signs of Large Failures. In the break last week we found pipes split horizontally almost the full length of the pipe, with tree roots growing into the pipe collars and into the seams.

It would appear that age has caught up to this system, we are seeing major breaks at an accelerated rate, and probably will continue unless something is done about it.

Sincerely

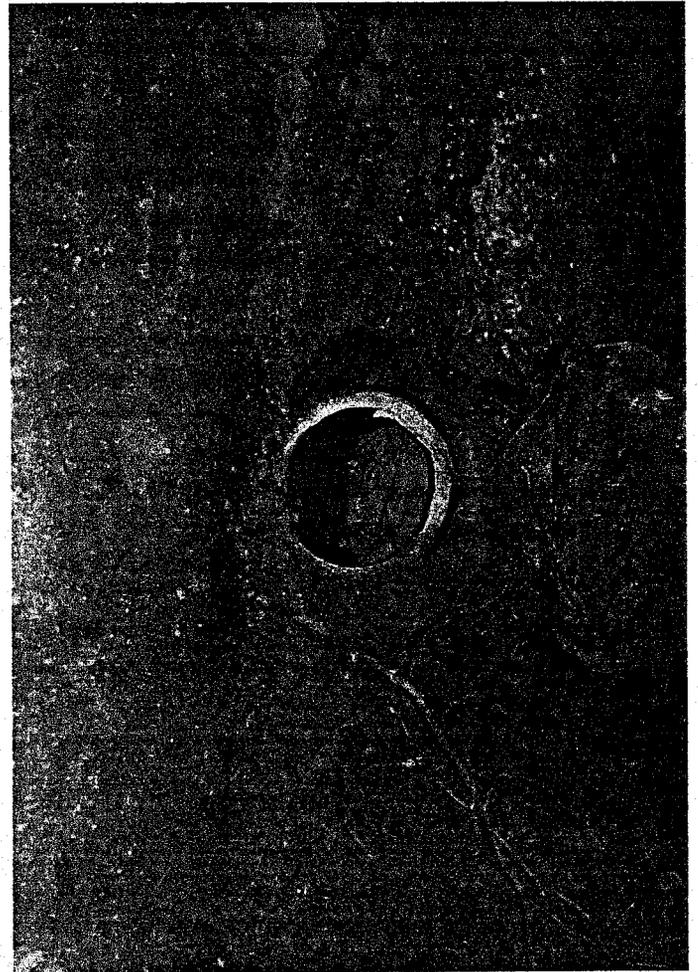
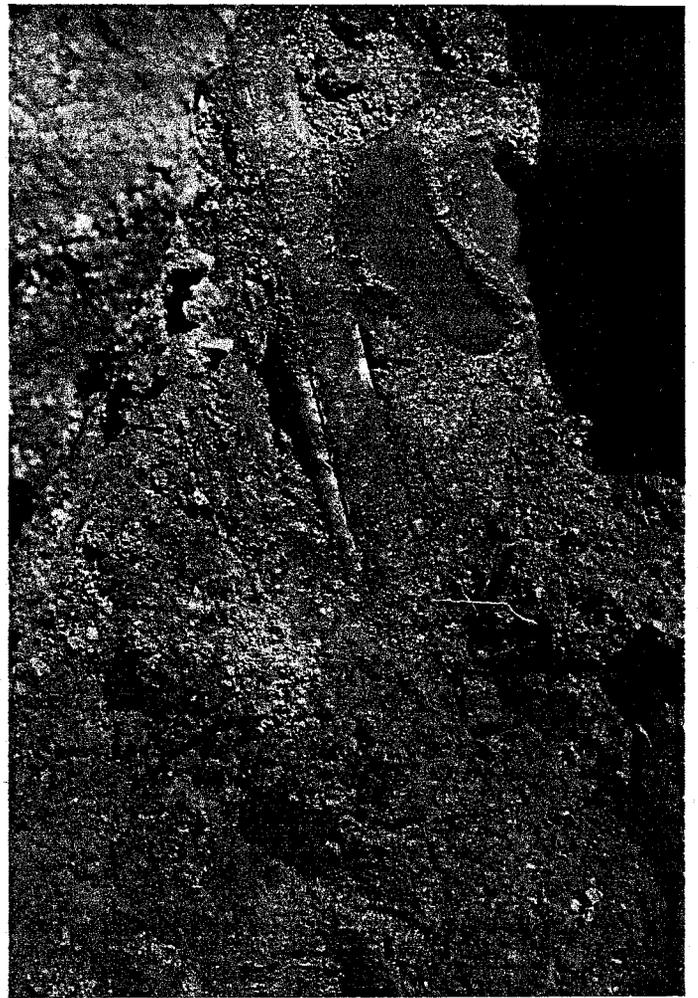
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EXPLANATION OF PHOTOS

- #1. Initial uncovering of 4" main.
- #2. Discovery of longitudinal crack.
- #3. Hitherto unknown isolation valve uncovered.
- #4. Second uncovered isolation valve. Inoperative...in closed position.
- #5. Second day of repair. Secondary water leak ran into trench.
- #6. Leak. Another view.
- #7. Pipe repair with C-900, with elbow and reducer coupling; 6" to 4".
- #8. Removed transite pipe with hairline crack, indications of leakage.
- #9. Newly installed "T" coupling, with new isolation valves.
- #10. Another view showing pressure block (kicker).
- #11. Transite pipe where it was cut (snapped) for repair.
- #12. Sections of transite pipe which had to be removed.
- #13. Enlargement of transite pipe with hairline cracks.
- #14. Enlargement of Photo #2, which more clearly shows the crack, the source of the leak.
- #15. Enlargement of Photo #7 which more clearly shows the reduction coupling.





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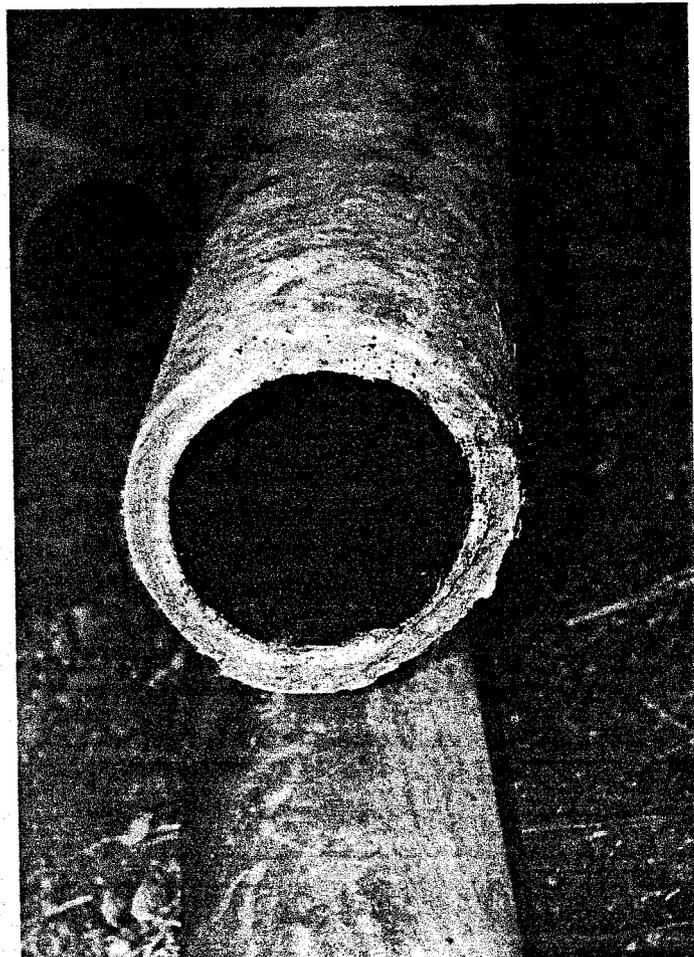
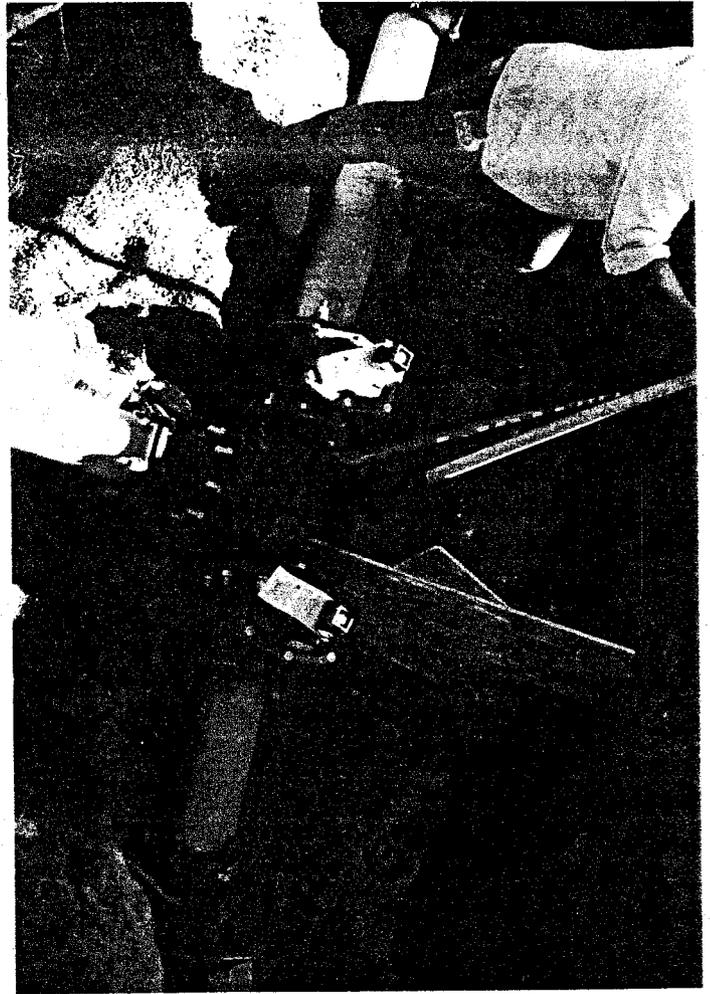
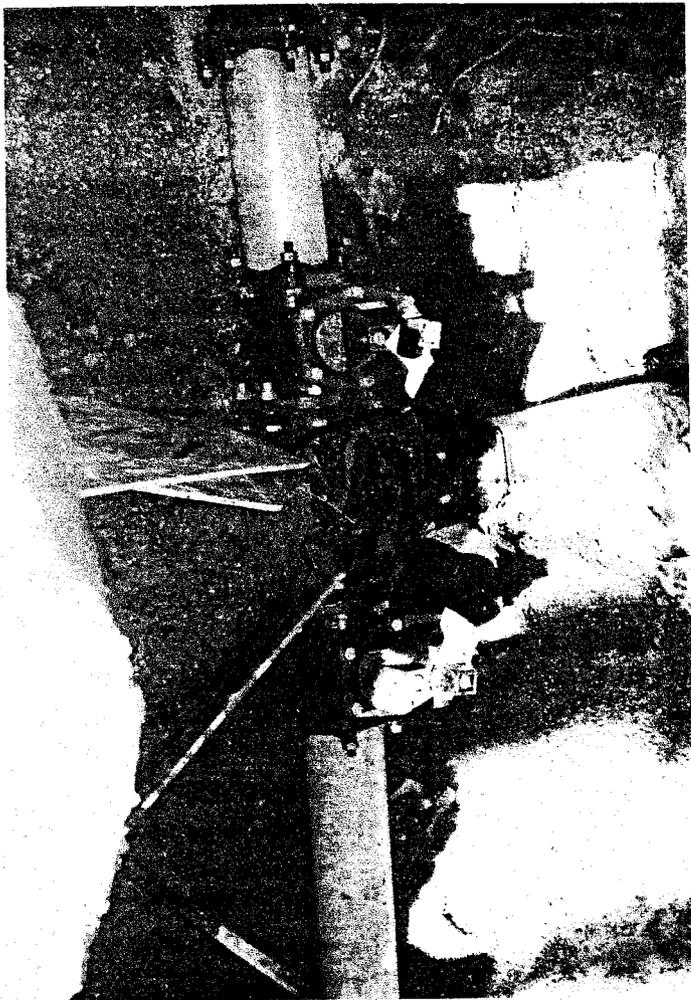
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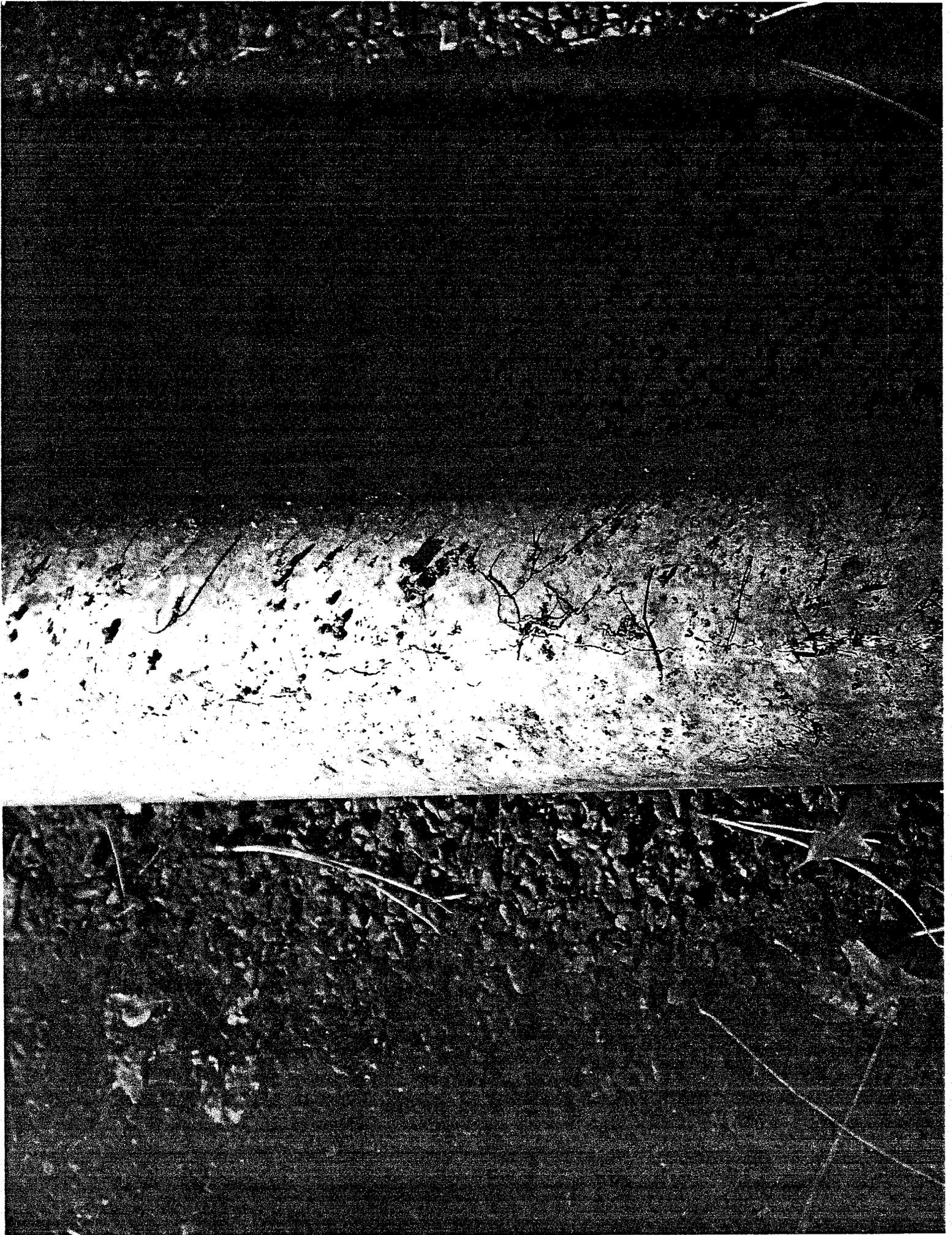


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