

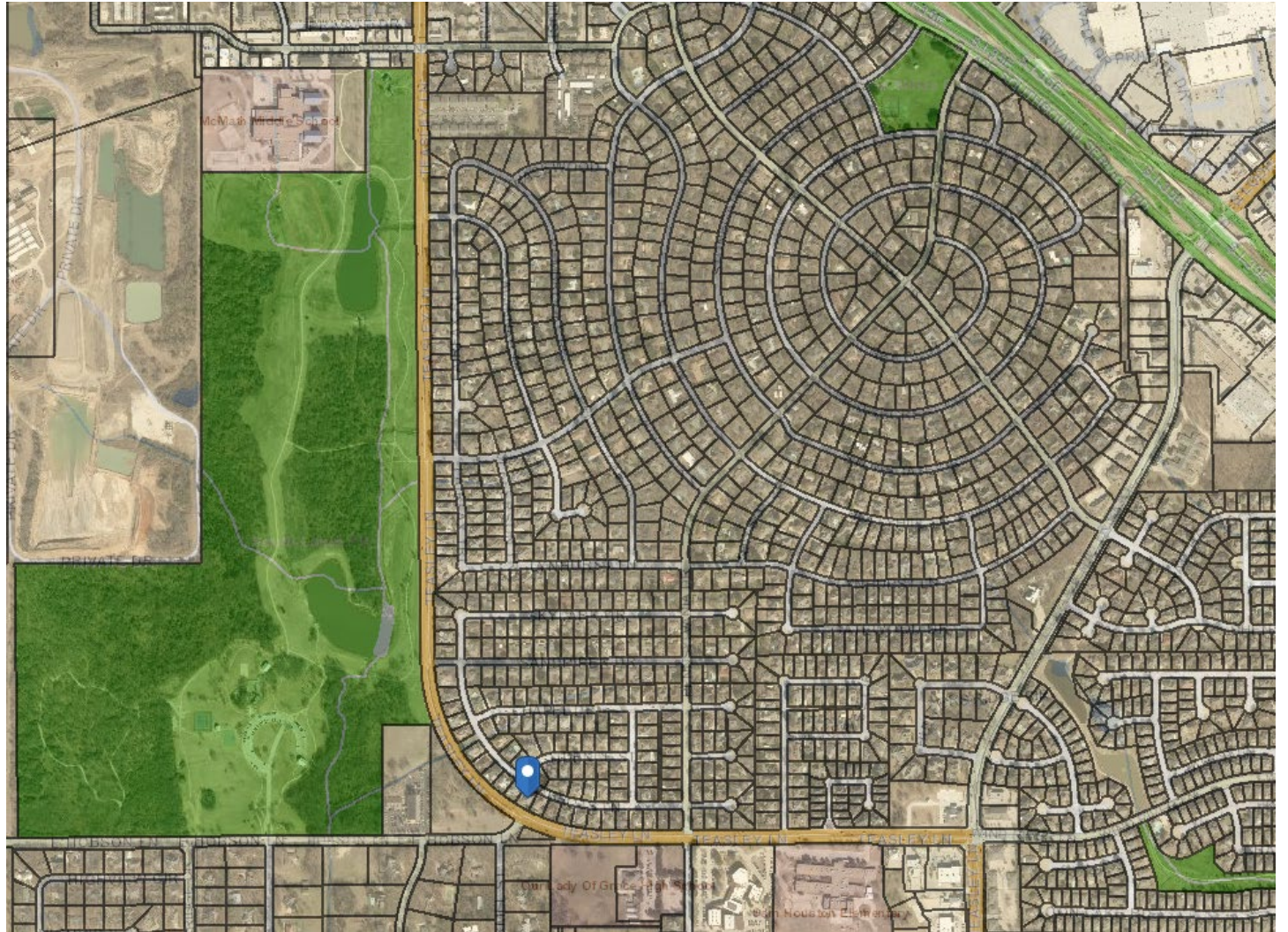
Illicit Discharge Detection and Elimination

City of Denton – January, 2020



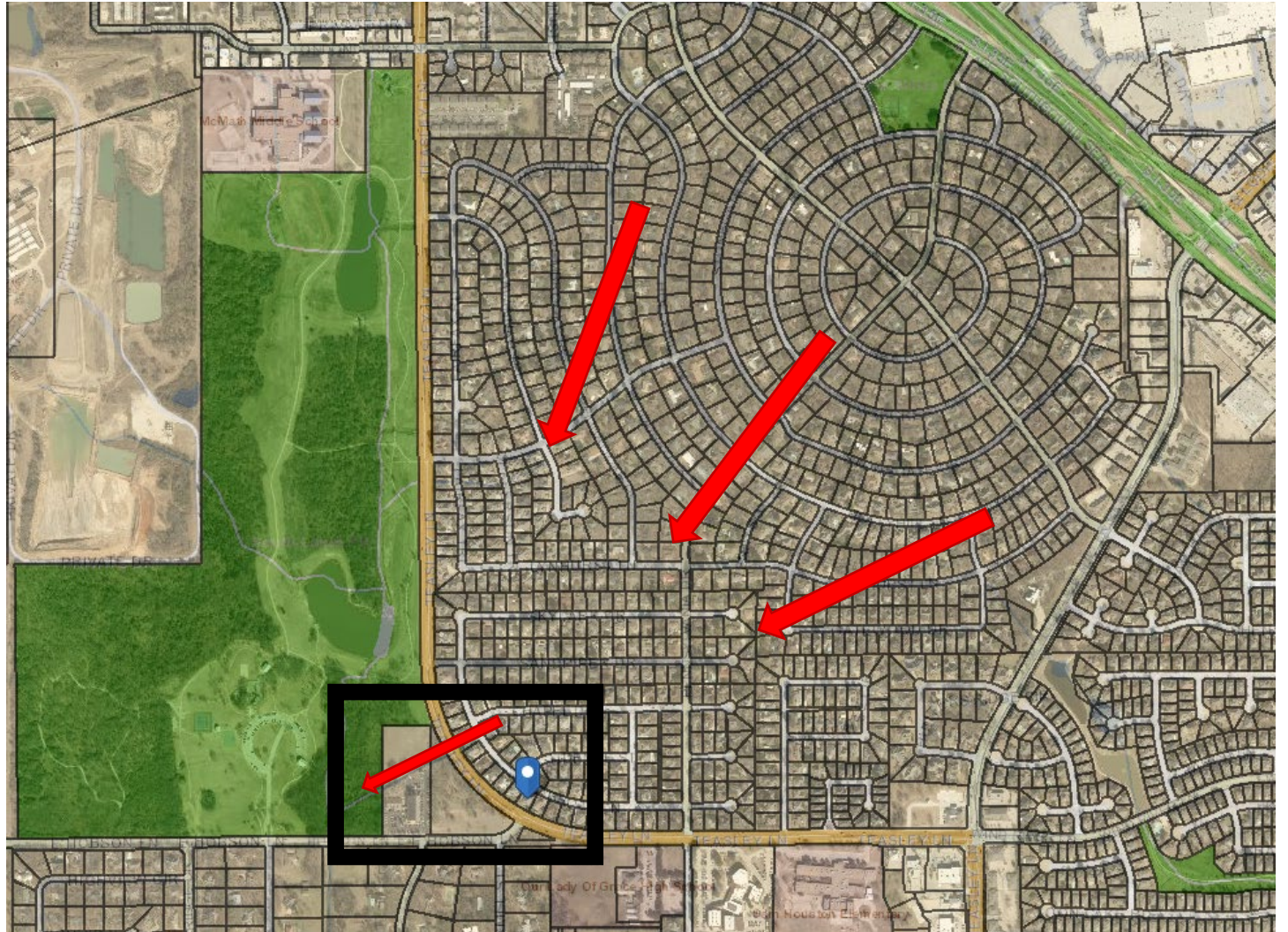
Overview

- Received complaint from citizen January 2020
- Bubbling in storm sewer, sewage smell
- Storm sewer draining from residential area
- Daylights at culvert under road



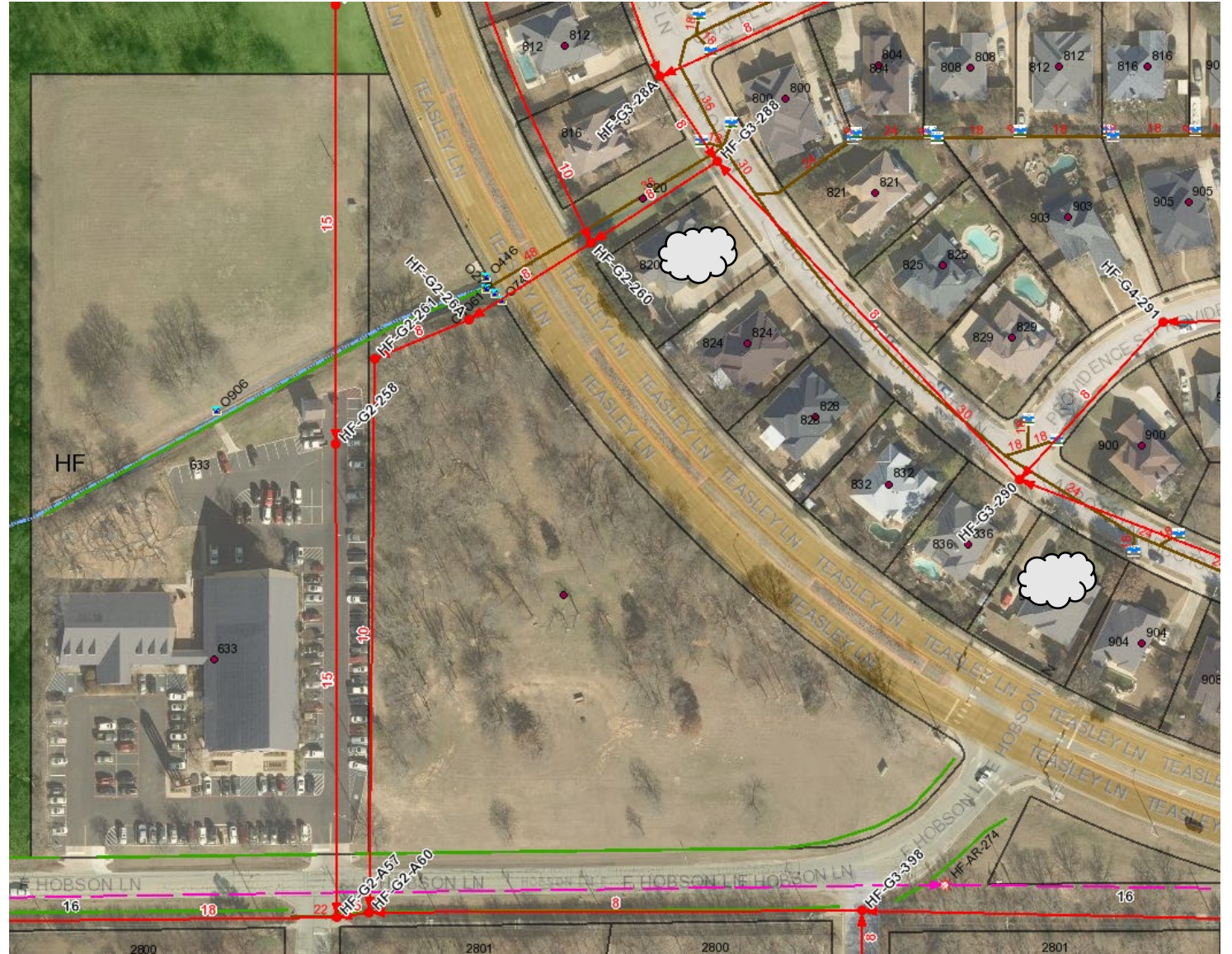
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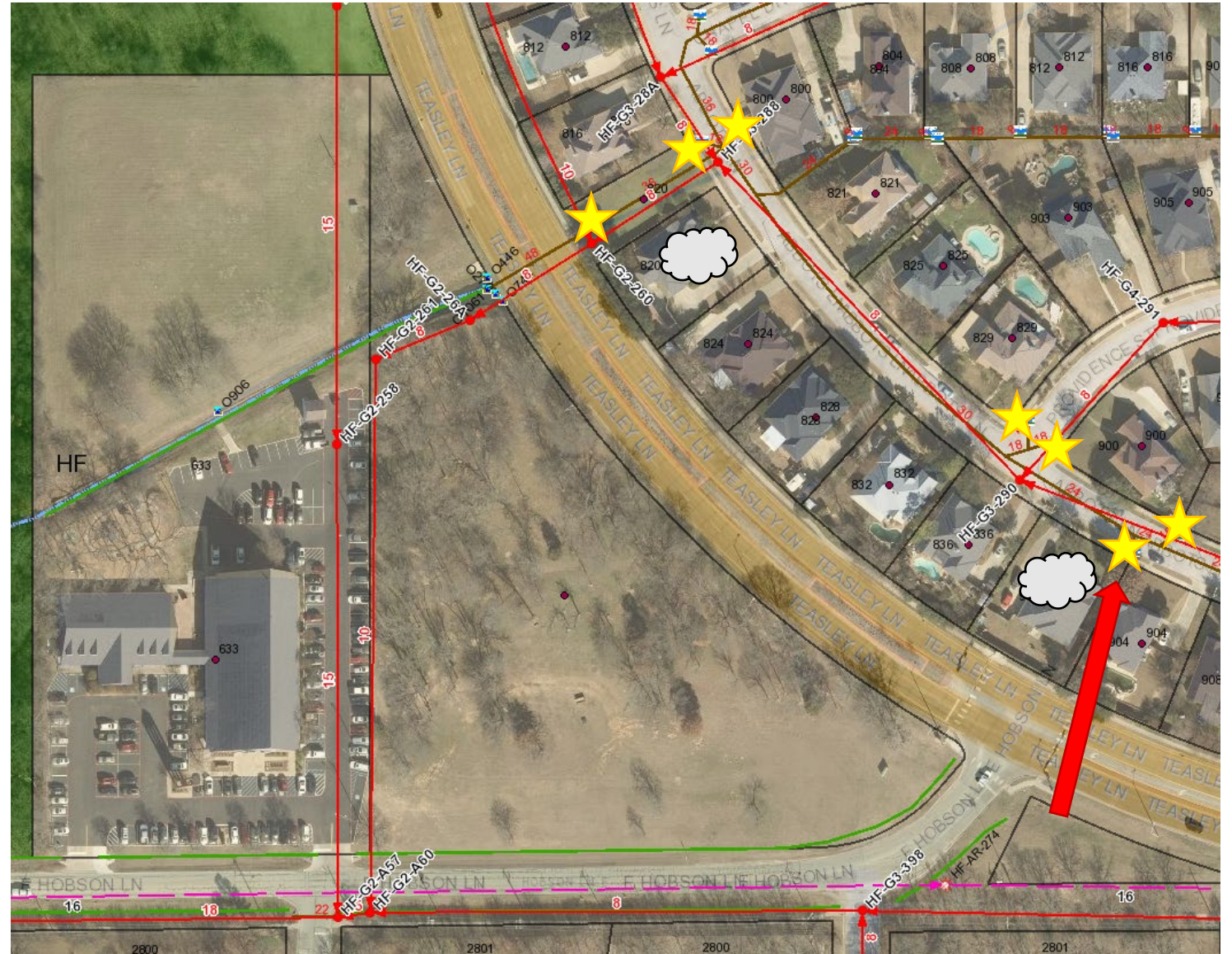
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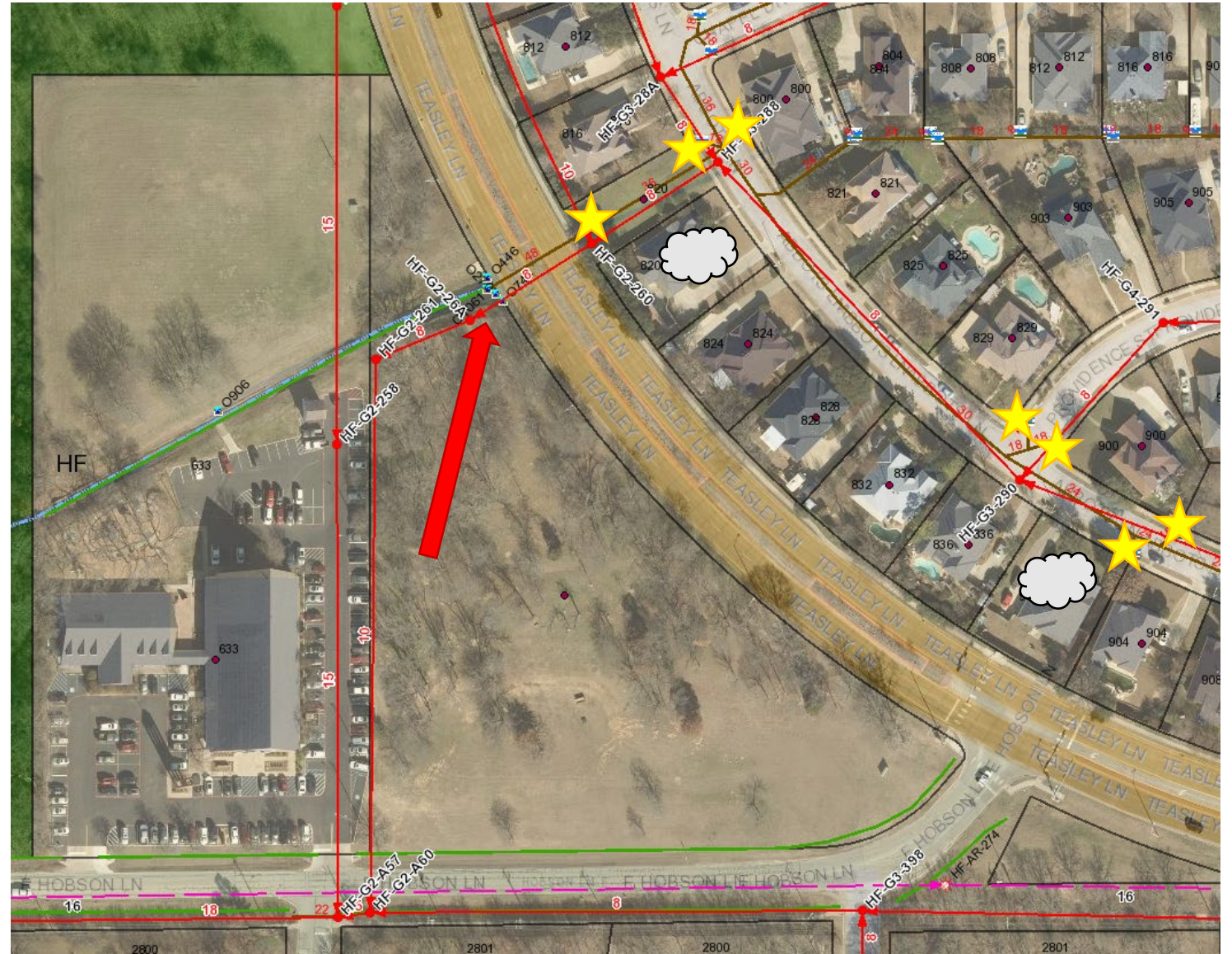
Response

- Pulled manhole covers



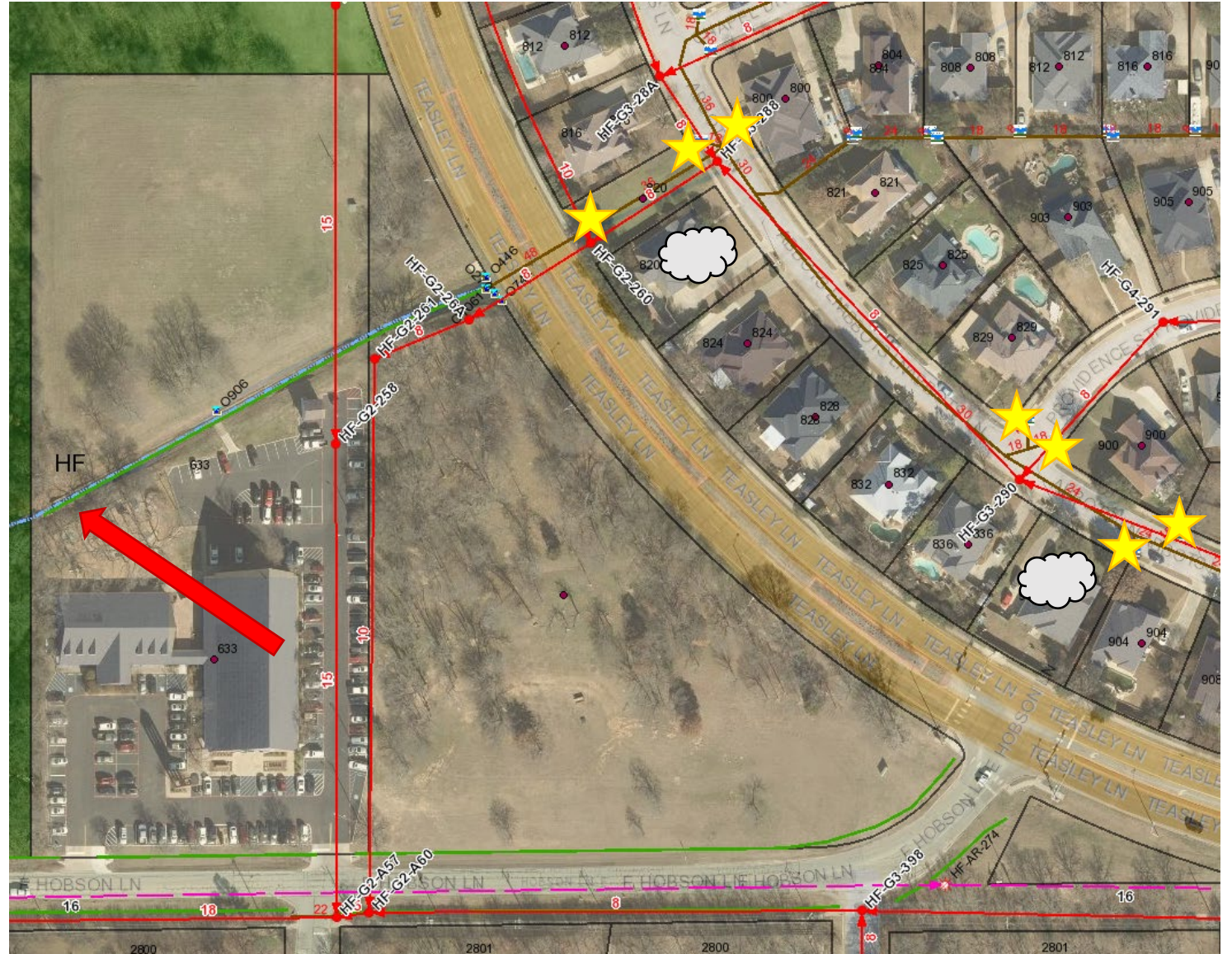
Response

- Inspected outfall where daylights



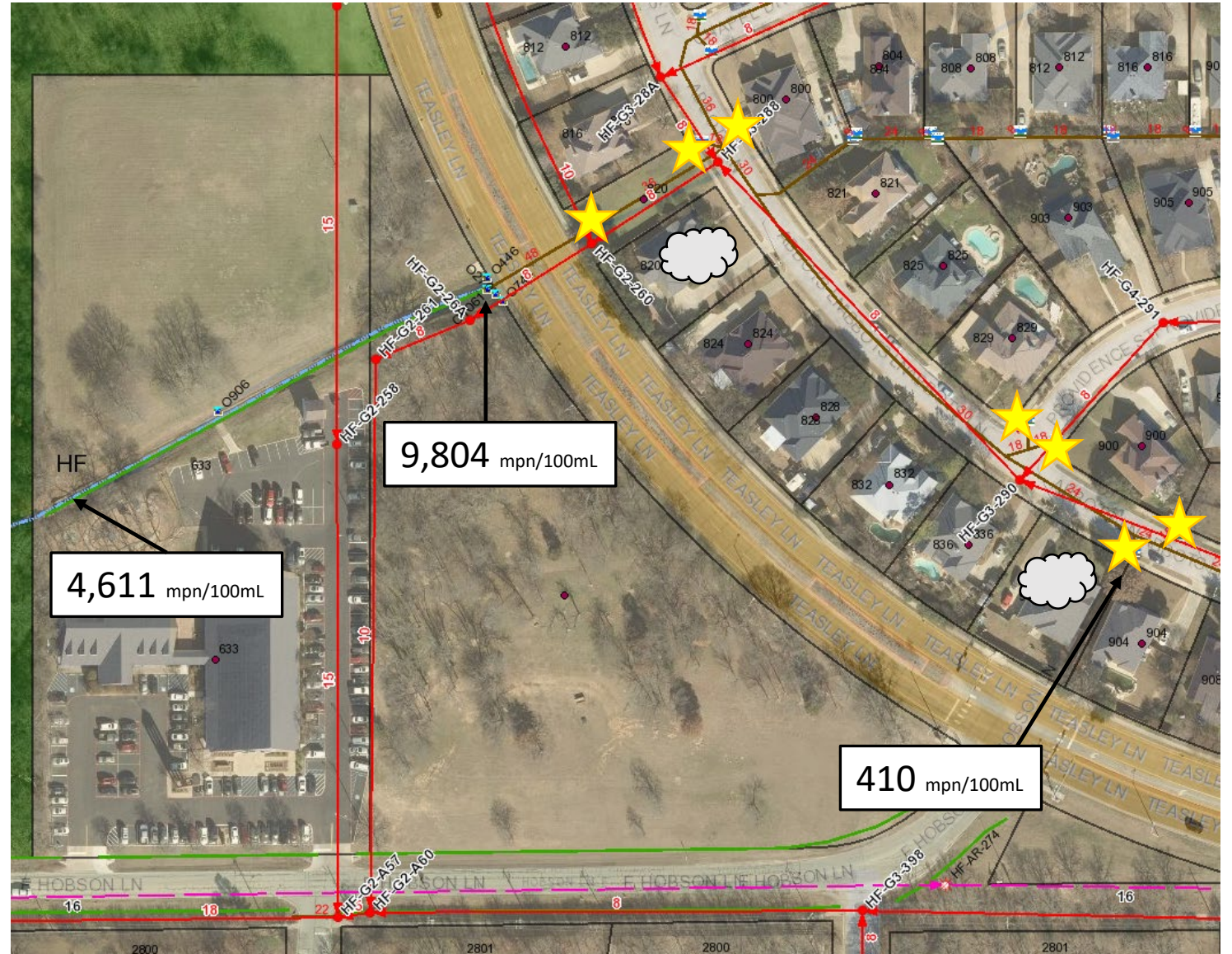
Response

- Inspected end of concrete flume



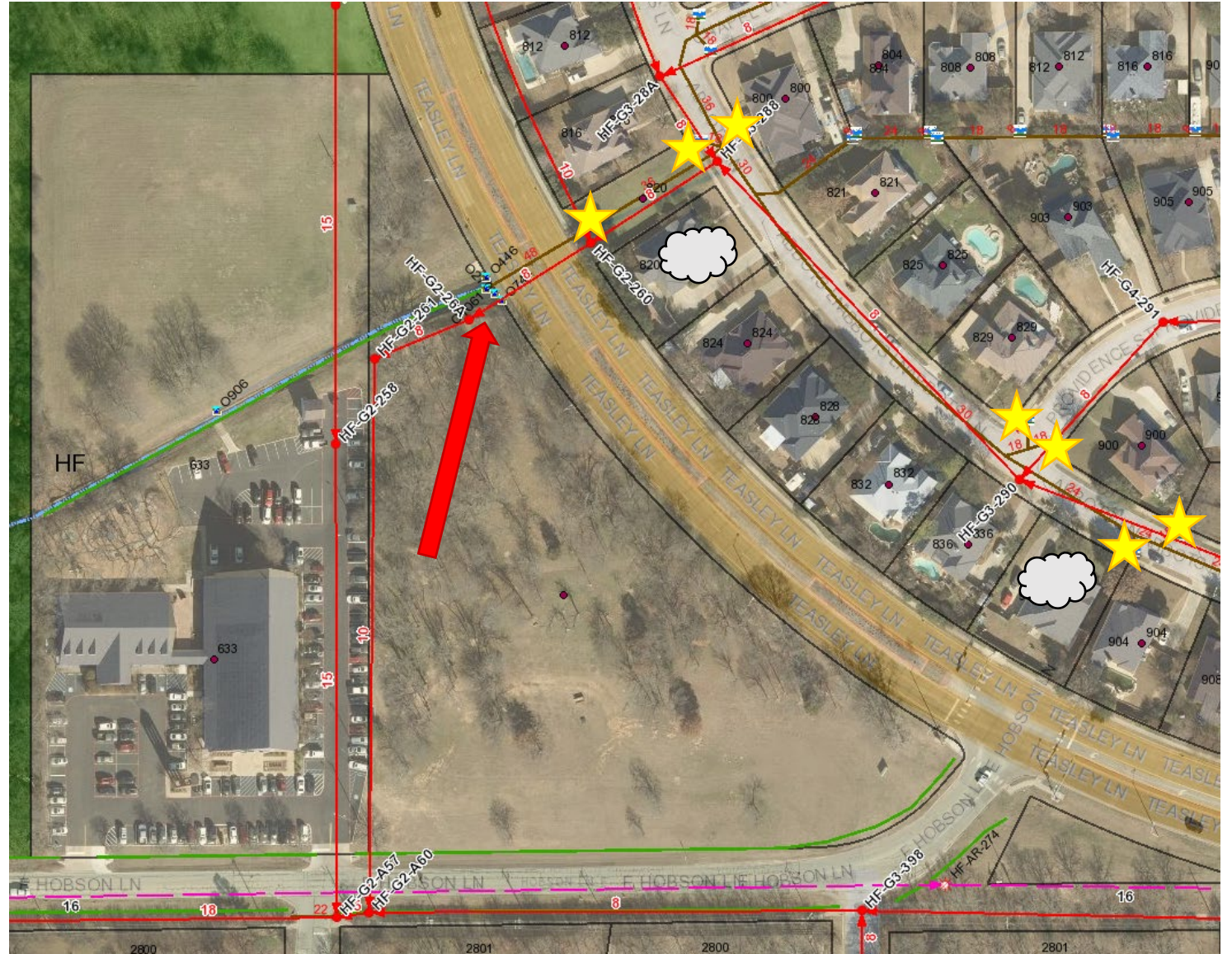
Response

- Collected samples for E Coli for quick test
- Follow up testing warranted



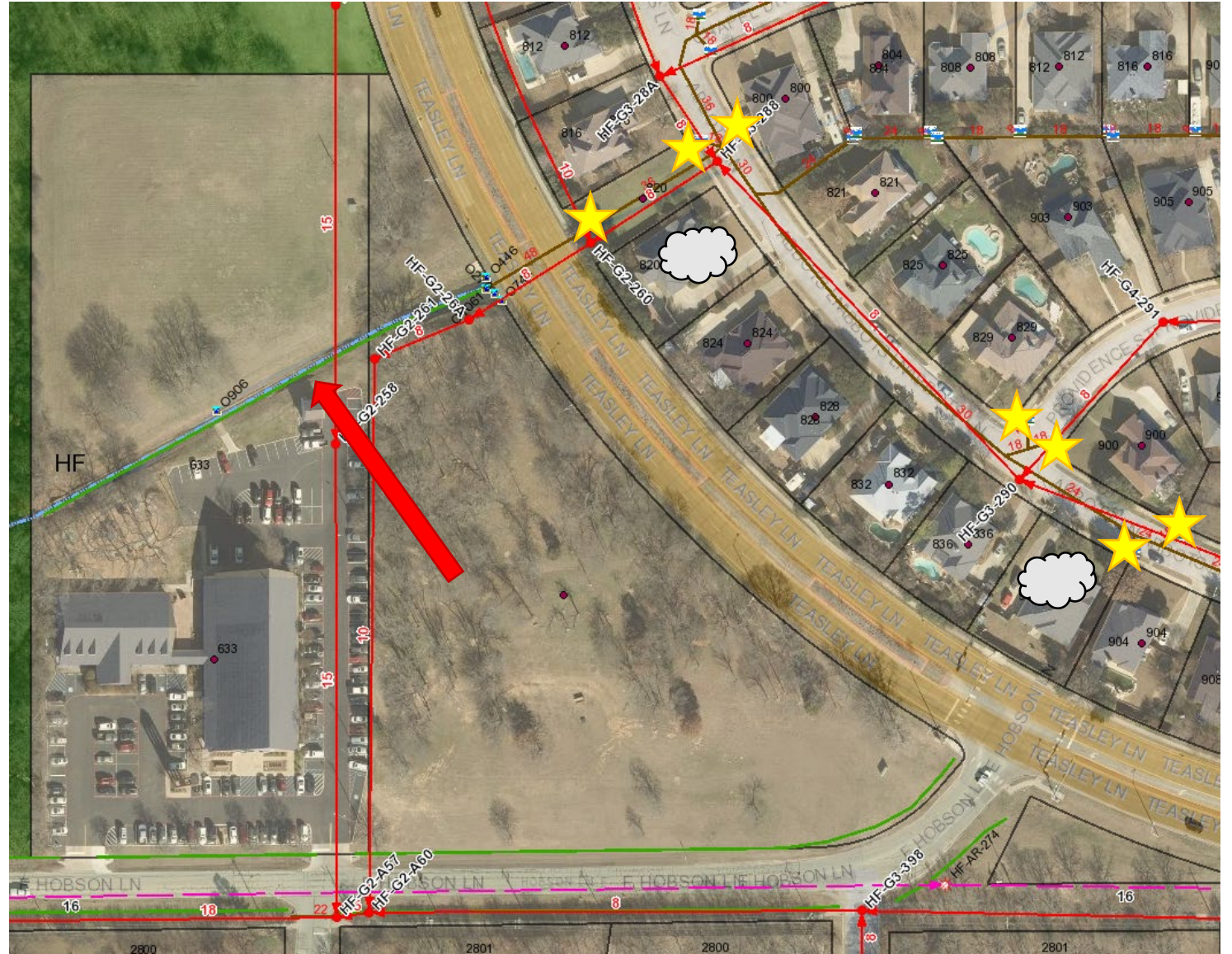
Response

- Resampled next week
- White precipitate/turbidity
- Strong odor of sulfur



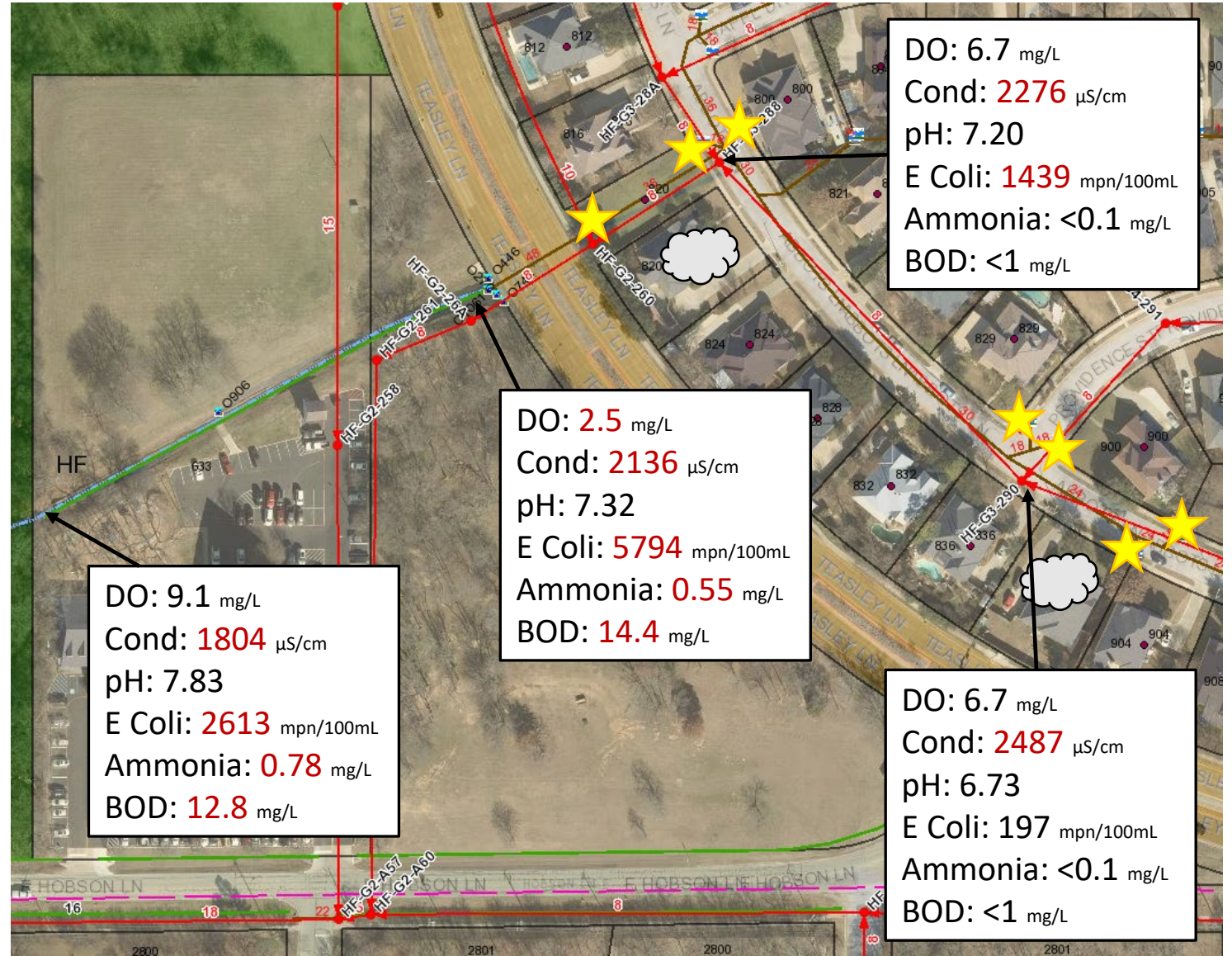
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Response

- Collected samples
- Moderately high Cond, E Coli, Ammonia, BOD.
- No significant metals indicated



Thoughts?

- Reached out to wastewater collections/engineering to perform smoke test to check for sanitary sewer leak. Awaiting.
- Other ideas/suggestions?

