



BARTON SPRINGS POOL TURBIDITY EVENT December 2018

City of Austin/Environmental Commission

June 19, 2019

David A. Johns, PG

City of Austin/Watershed Protection Department

What Happened?



What Happened?

Eliza Spring Stream

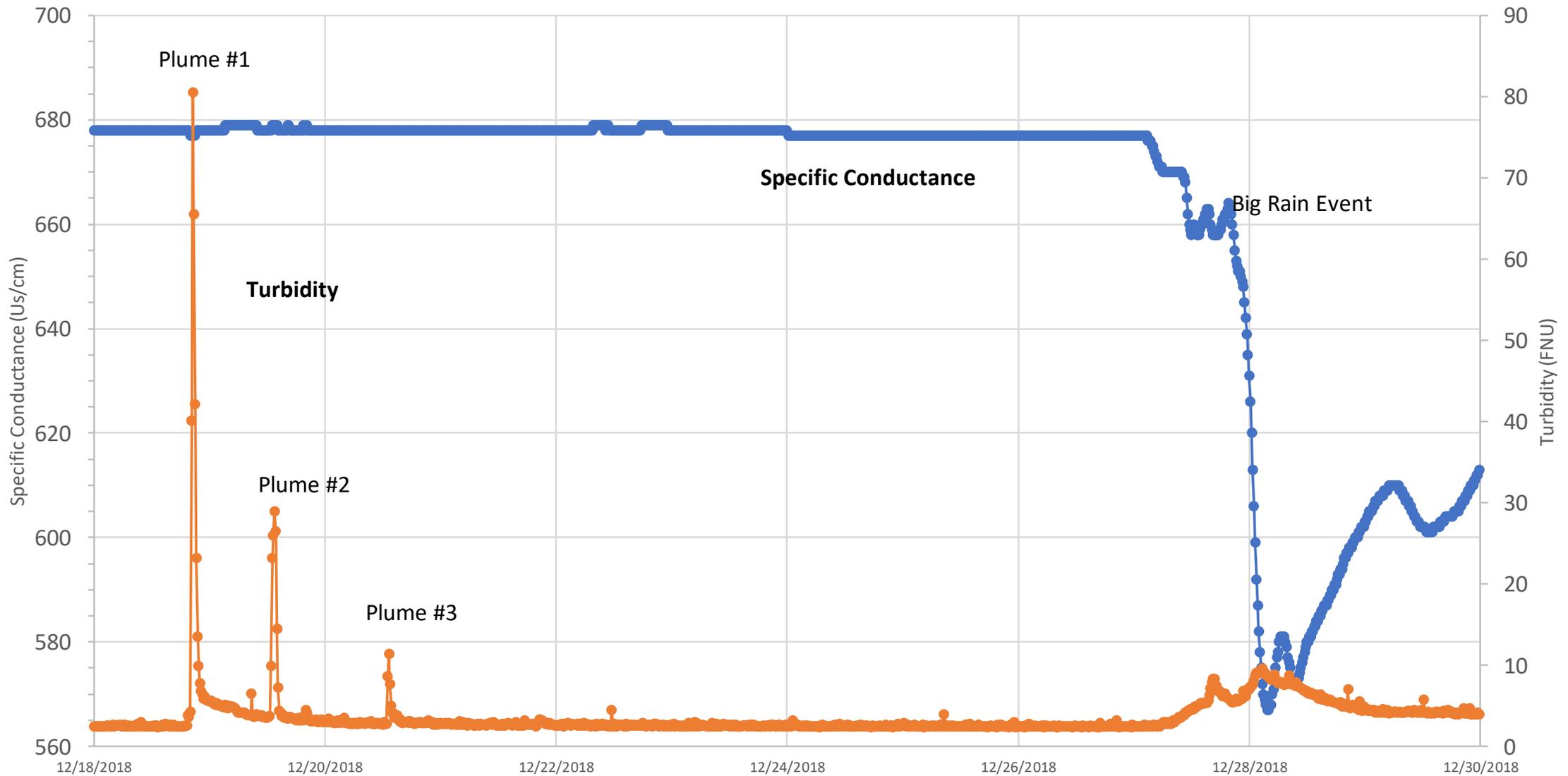


Upper Barton Spring

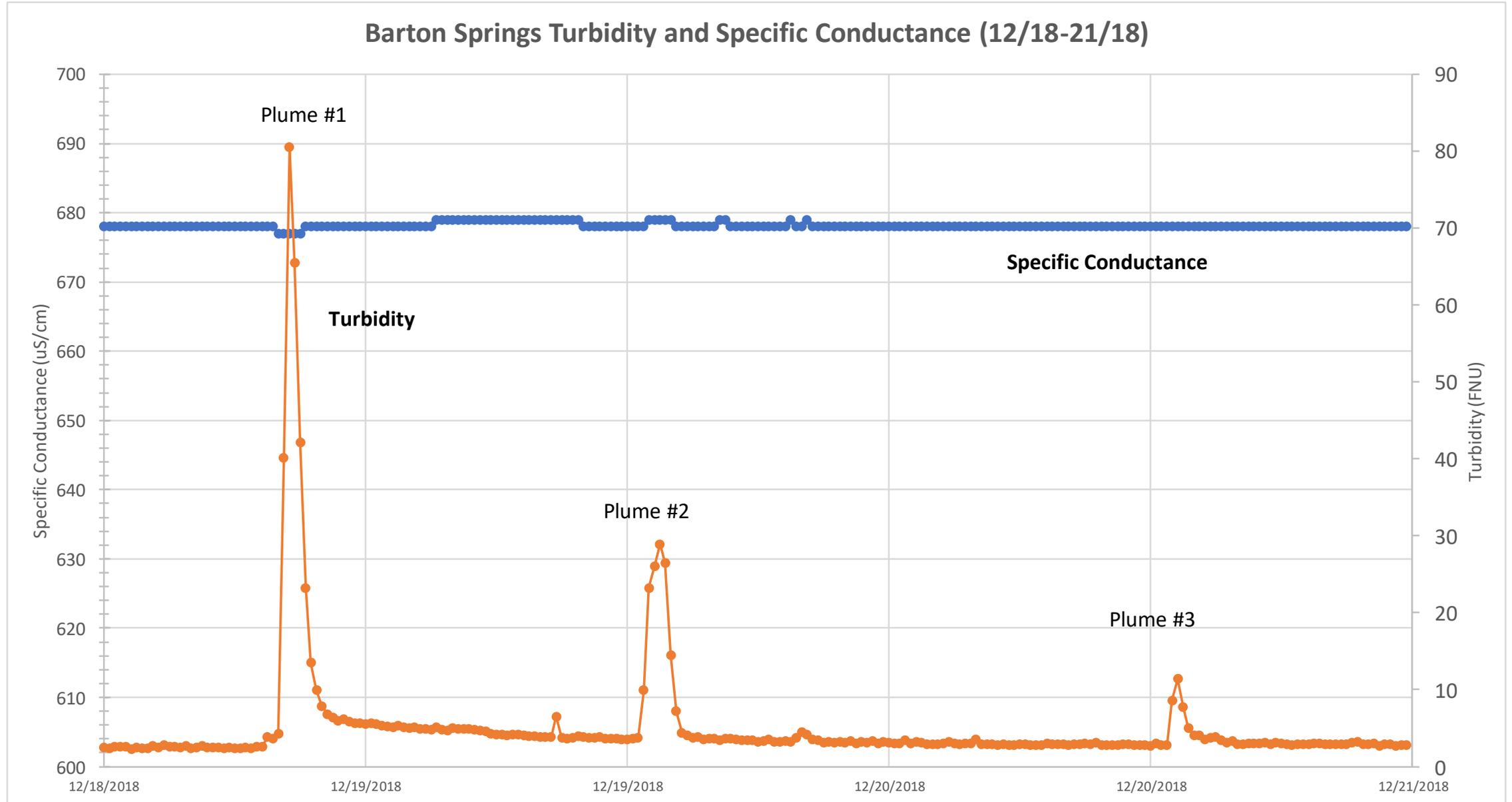


What Happened?

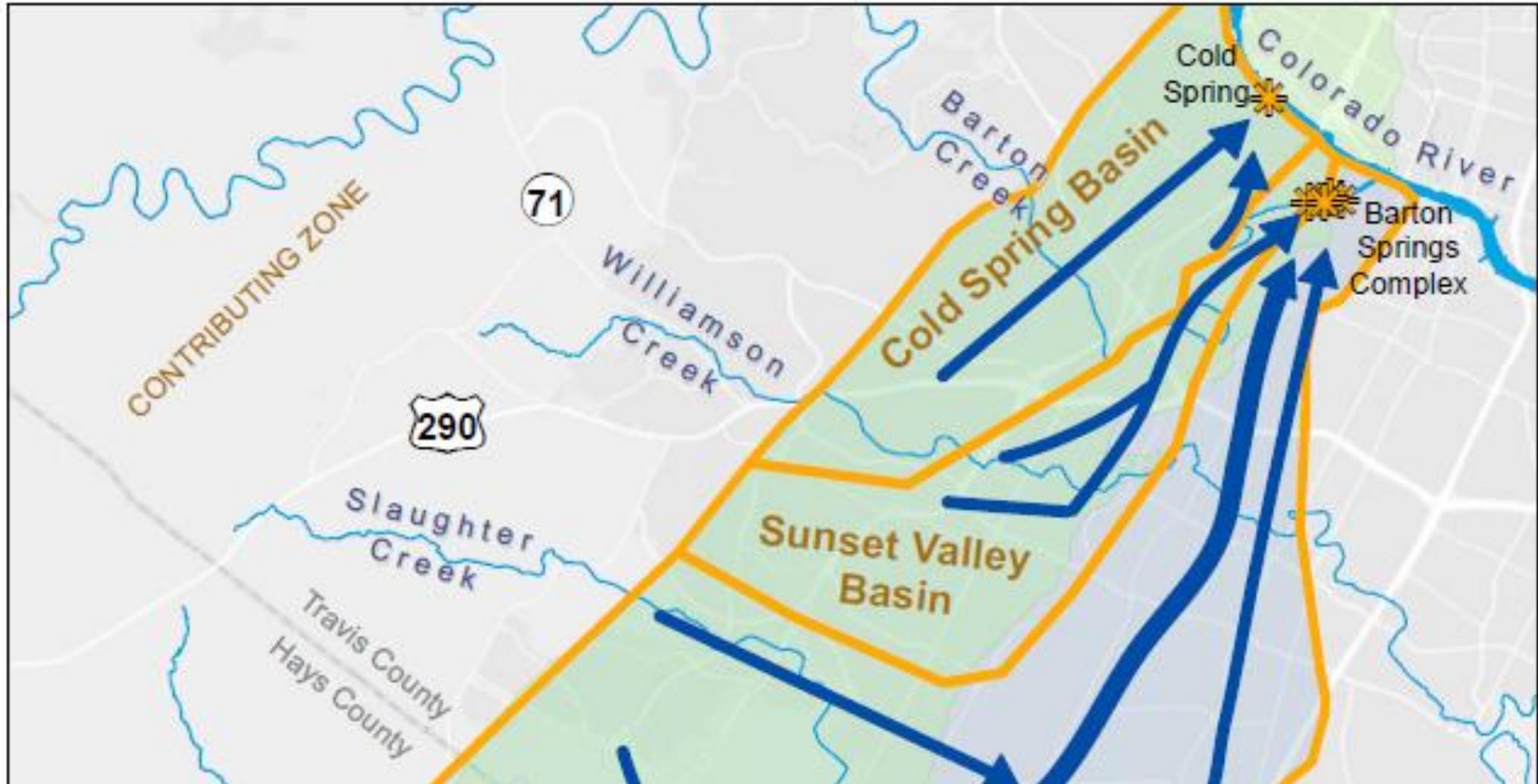
Barton Springs Turbidity and Specific Conductance



What and When?



Where Did The Sediment Come From?

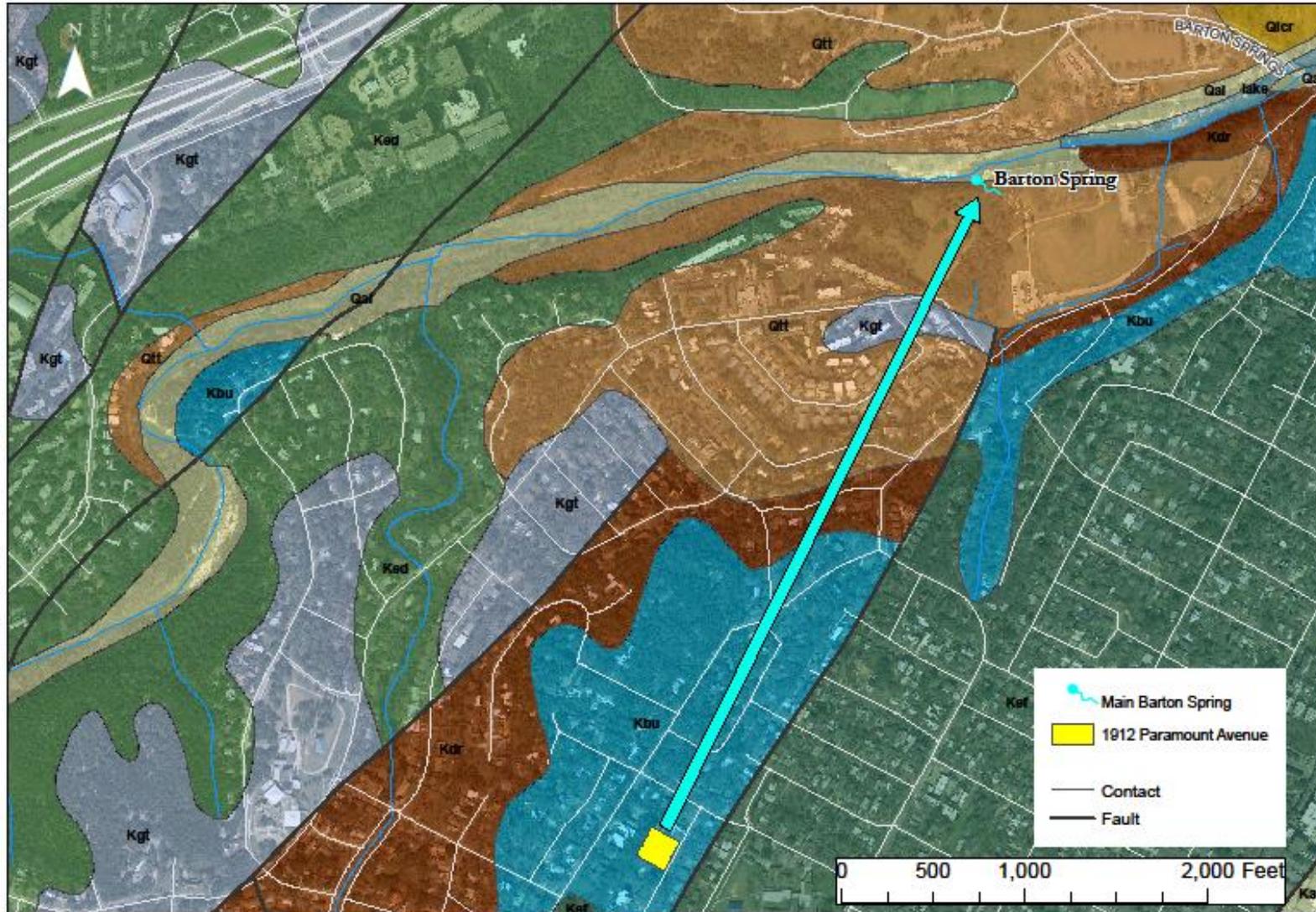


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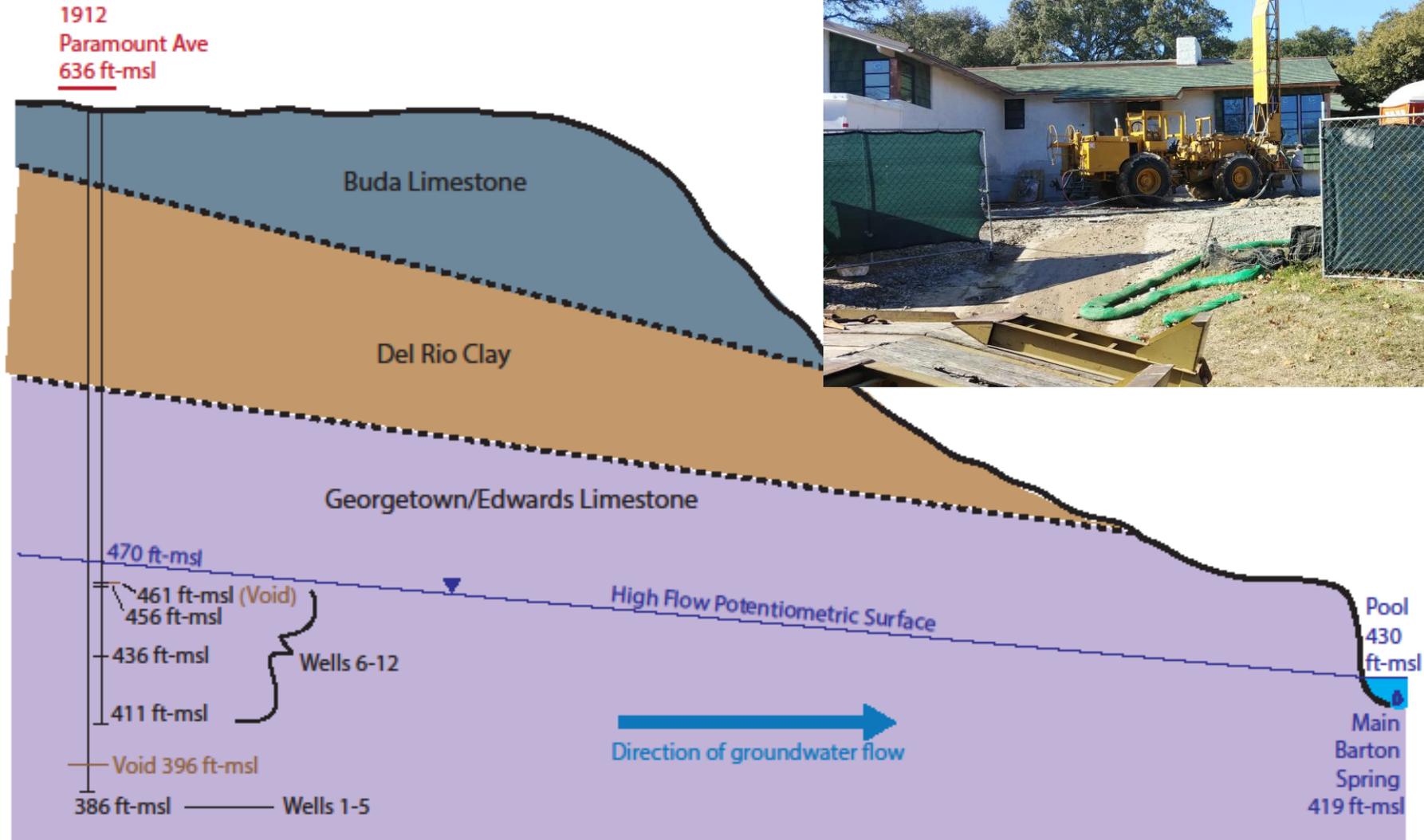
Barton Springs Turbidity Event: Approximate Flow Path



Approximate Travel Distance: 4,000 Feet

How and Where Did It Happen?

Geologic Cross Section from 1912 Paramount Avenue to Barton Springs



What Next?

- Notification protocols
 - Barton Springs Edwards Aquifer Conservation District
 - Parks and Recreation
 - Development Services
- BSEACD Drilling protocols
 - Notification to COA
 - Well Depth Limitations
 - Void Notification to BSEACD
 - Drilling Oversight
- BSZ Spill Plan Updates
- Enforcement Action



QUESTIONS??

