



San Francisco
Water Power Sewer
Services of the San Francisco Public Utilities Commission

**File No. 231001, Emergency Declaration - Repair of
Fillmore and Green 16" Water Main Break - Total
Estimated Cost Not to Exceed \$5,000,000**

**Steve Ritchie
Assistant General Manager for Water**

October 25, 2023

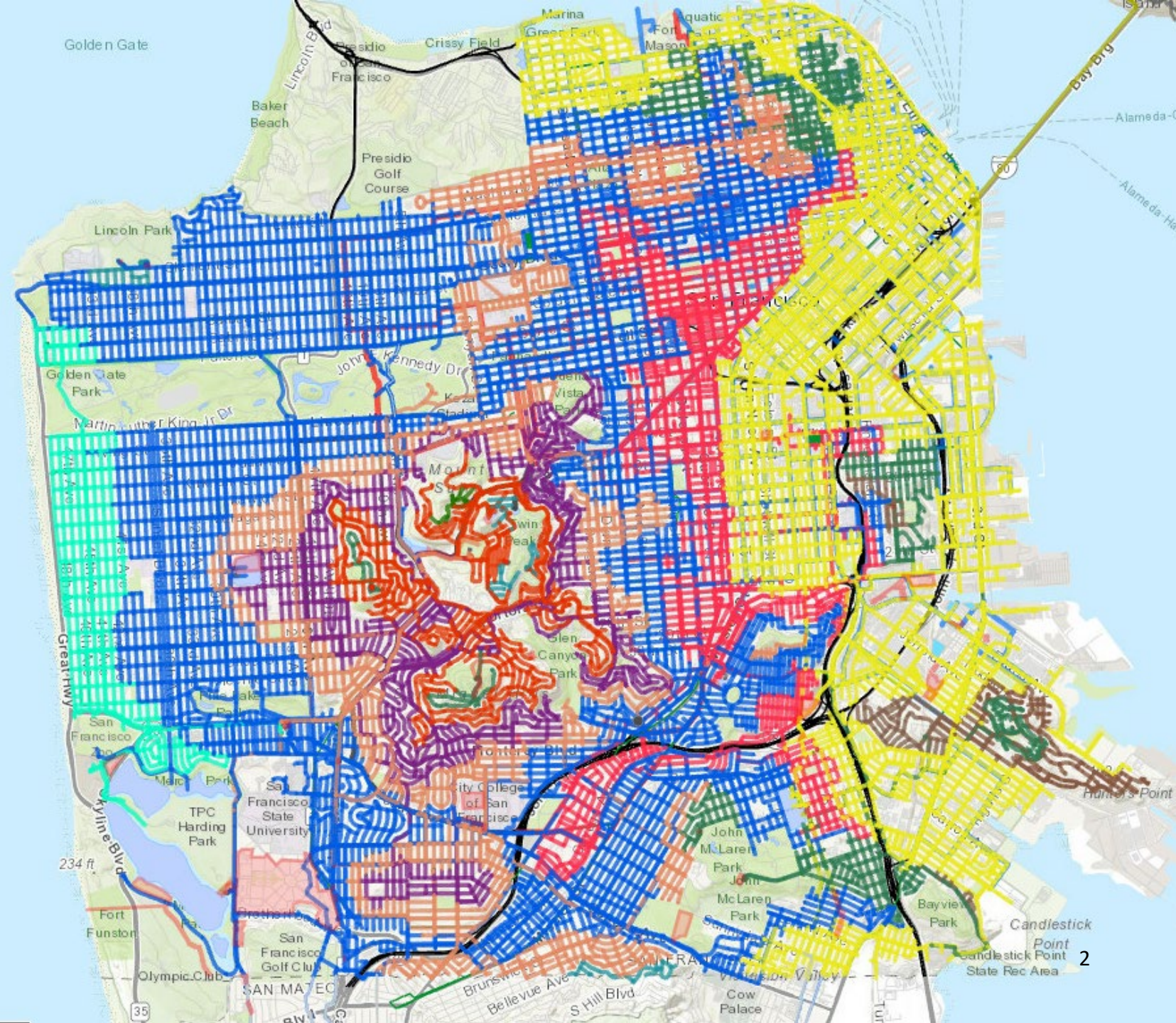


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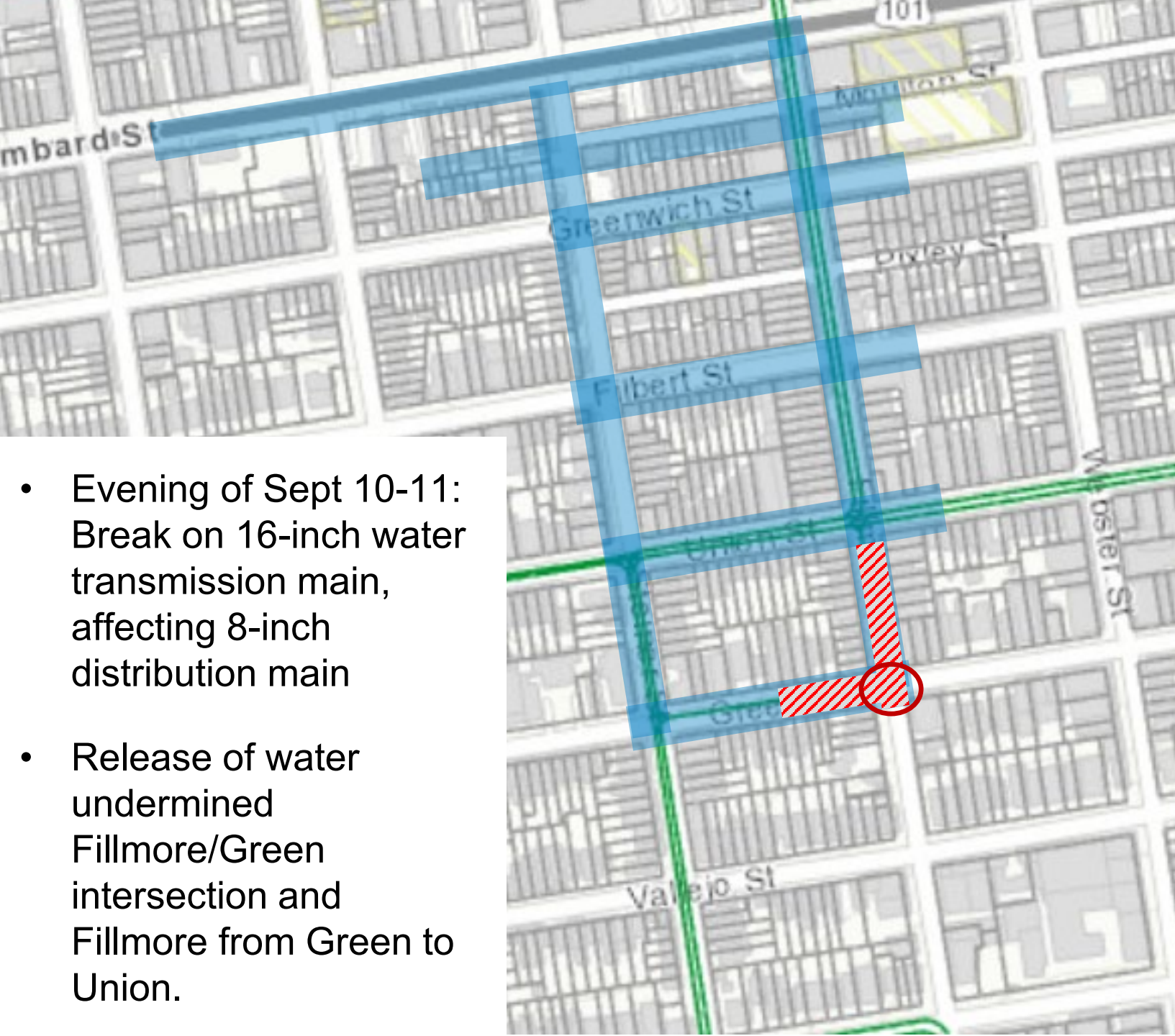
SF Water System

24 Pressure Zones

1250 Miles of water
mains serving almost
1 million residents



Areas Impacted

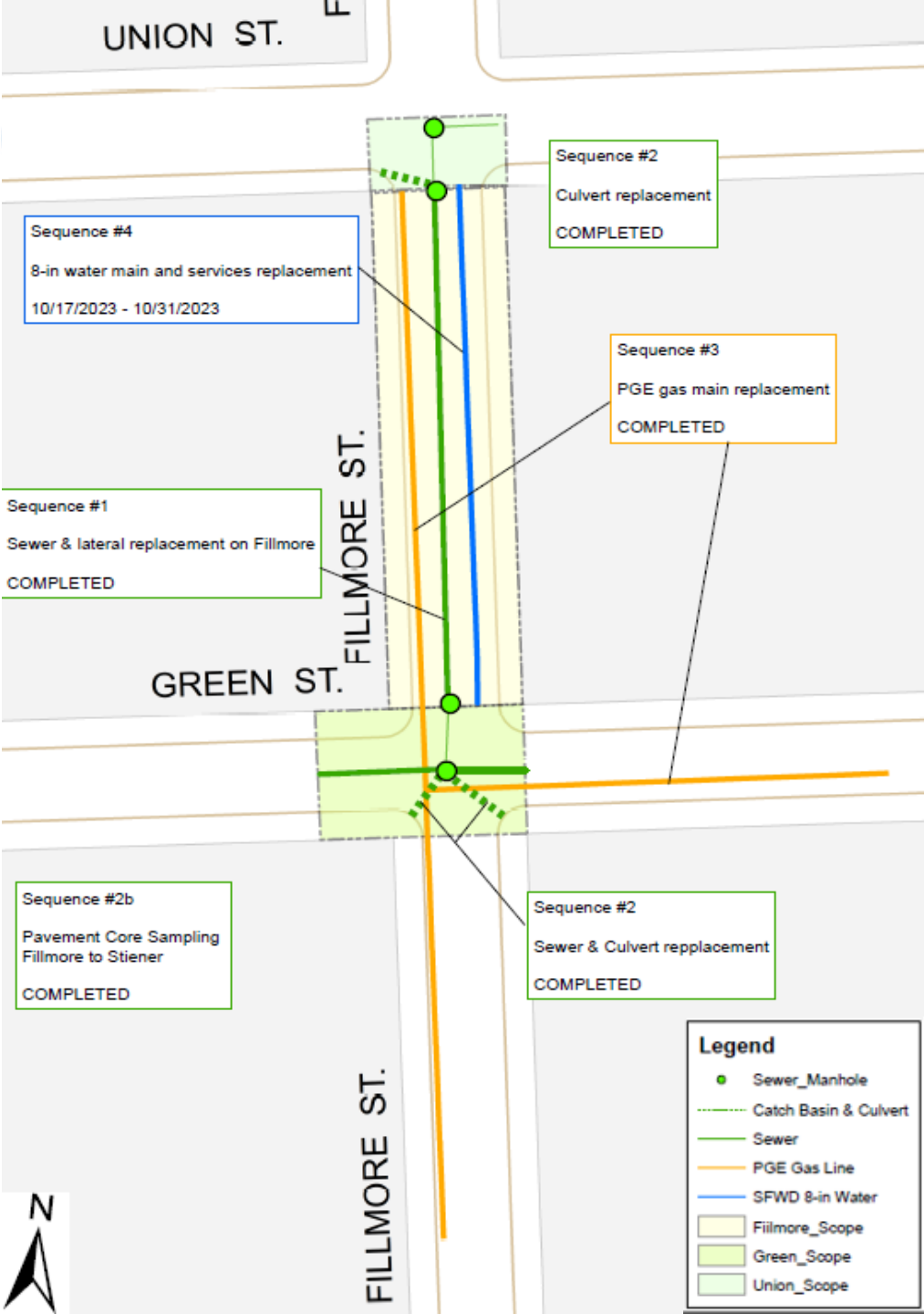


■ Areas where water flowed

▨ Street and sidewalk damaged

○ 16" Main Break location

- Evening of Sept 10-11: Break on 16-inch water transmission main, affecting 8-inch distribution main
- Release of water undermined Fillmore/Green intersection and Fillmore from Green to Union.



Utility Replacement and Restoration

- **16-inch Water transmission main:** Repaired on the day of the break
- **Sewer Main:** On Fillmore from Green to Union (no work in Union intersection)
- **Sewer Laterals:** Connecting properties to sewer main in this block
- **2-inch PGE gas line:** Replace since street is open
- **Sewer Catchbasins/Culverts:** Replace/repair at Fillmore/Union corner, Fillmore/Green intersection
- **1960 8-inch Water main:** Upgrade main and connect to property service lines
- **Restore street base, paving and sidewalks**
- **Expected completion in mid-November**



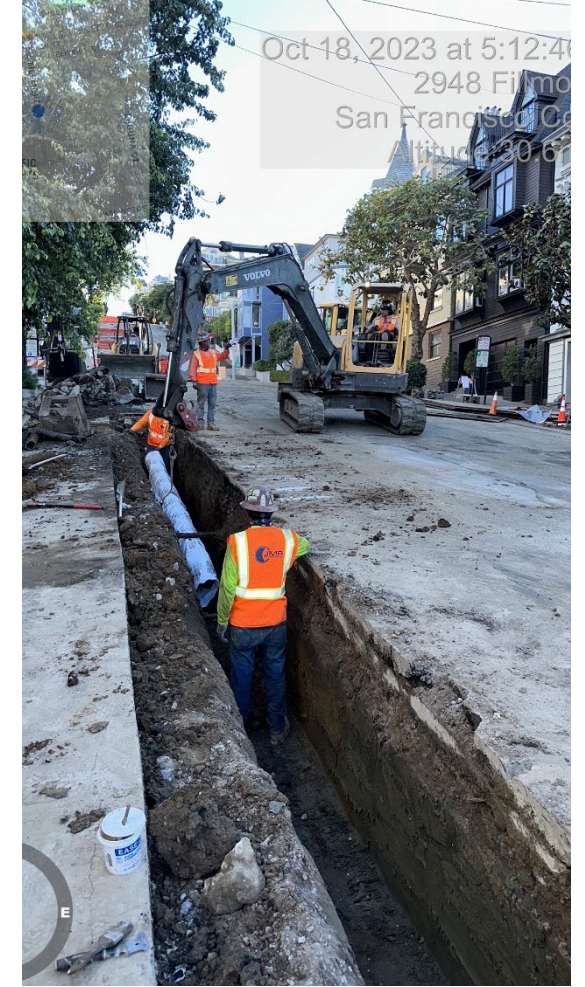
Initial Damage



Sewer Work



PG&E Work



Water Main Work

- The estimated cost to replace the 8-inch water main and laterals, the 15-inch sewer main and laterals, sewer catch basin and culvert work, sidewalk, curb ramp, curb, and pavement work is **\$3,529,000**.
- Note: PG&E's estimate repair the gas main and service laterals is \$1.4 million. PG&E will work directly with the City Attorney's Office to process the claim.

	Estimated Cost
Emergency Response Stabilization Work on 9-11-2023	\$231,600
15-in. Sewer, Laterals, Culvert, and Catch Basin Repair	\$902,400
8-inch Water Main and Service Lateral Replacement	\$655,000
Street, Sidewalk, and Curb Restoration	\$1,740,000
Total Estimated Cost	\$3,529,000

