



Providing a safe, reliable, and resilient water supply to meet Santa Fe's needs.

CoSF Water Supply & Demand Update: January- June 2022

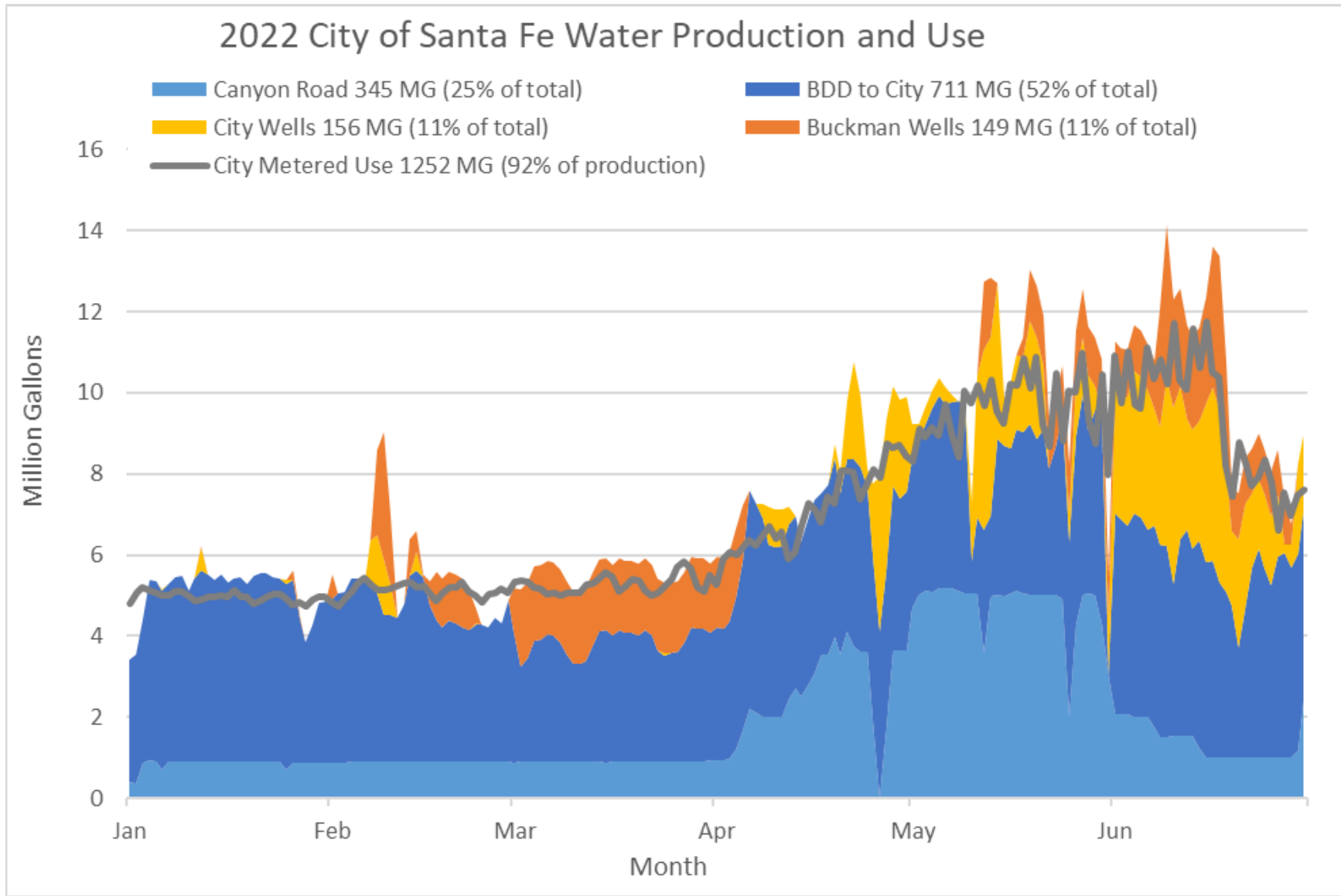
This report is available at <https://www.santafenm.gov/water>

1. Supply and Demand Summary

- City of Santa Fe Water produced 1.36 billion gallons of potable water in in the first six months of 2022, a 2% increase from the same period in 2021.
- 77% of that production came from surface water sources (rivers).
- 92% of potable water produced in 2022 has been delivered to customers (8% “unaccounted” water loss).
- Demand dropped steeply with the arrival of the monsoons in mid-June.
- Pumping tests at Buckman Wells 1 and 8 occurred in March and June.
- Potable production and use by day through the year are shown on Page 2.
- Potable production and use by day for June only is shown on Page 3.

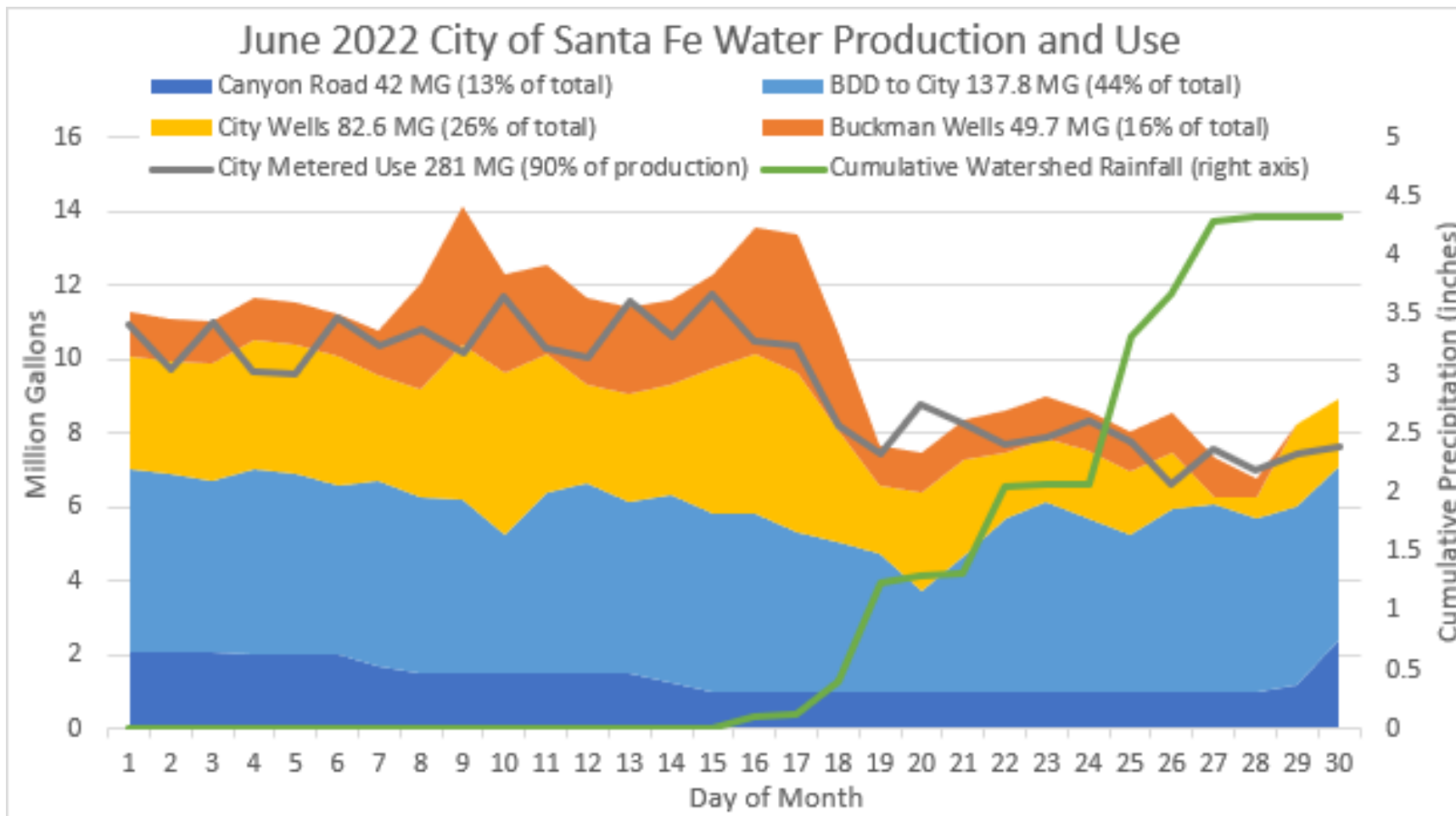


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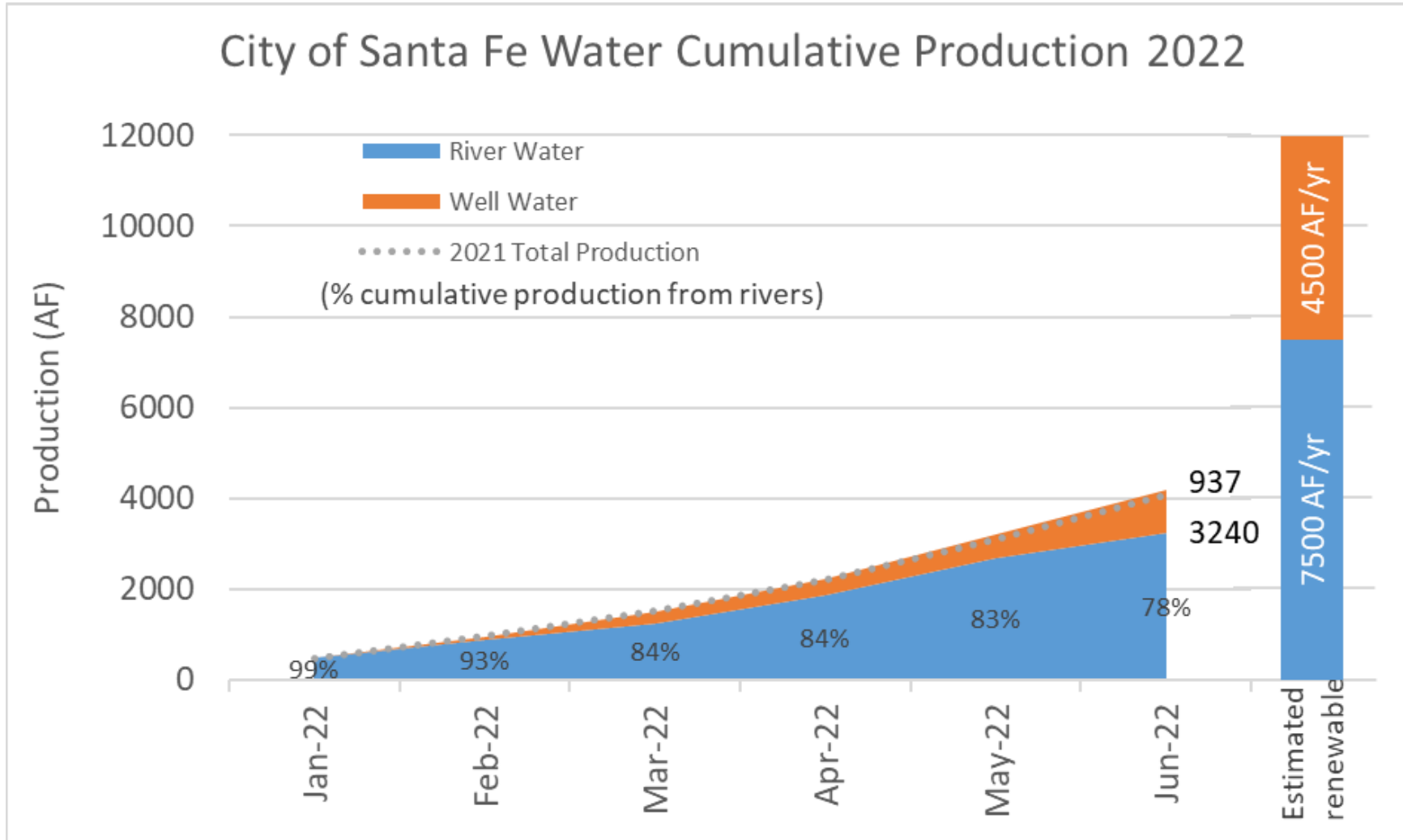
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2. Cumulative Annual Surface Water and Groundwater Production

- Through June of 2022, City of Santa Fe Water has produced 4177 AF of potable water.
- 78% (3240 AF) of this production has come from river water, and 22% (937 AF) from wells.
- City of Santa Fe Water estimates renewable groundwater availability from all of our wells of approximately 4500 AF per year.
- 2022 well water use is 3% greater than the first 6 months of 2021, and 7% greater than the first six months of 2020, but still less than half of our estimated renewable groundwater availability.
- Total production through June 2022 is 2% greater than 2021 levels.
- Cumulative annual production from rivers and wells is shown on Page 5.



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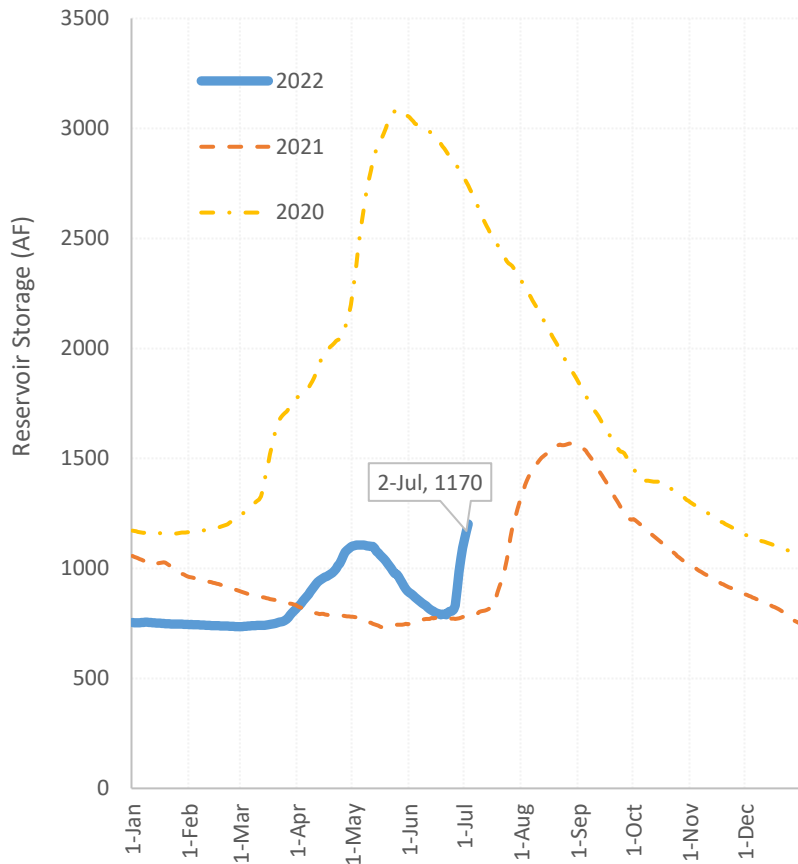
3. City of Santa Fe Water Reservoir Storage

- Santa Fe River Reservoirs had 1170 AF of water in storage at the end of June (30% capacity).
- Santa Fe River Reservoirs have 1061 AF of “pre-compact” space, and 3921 AF of total capacity.
- City of Santa Fe Water had 13,706 AF of San Juan Chama water in storage at the end of June (~1.5x total annual potable demand).
- Reservoir storage in 2022 compared to 2020 and 2021 is shown on Page 7.

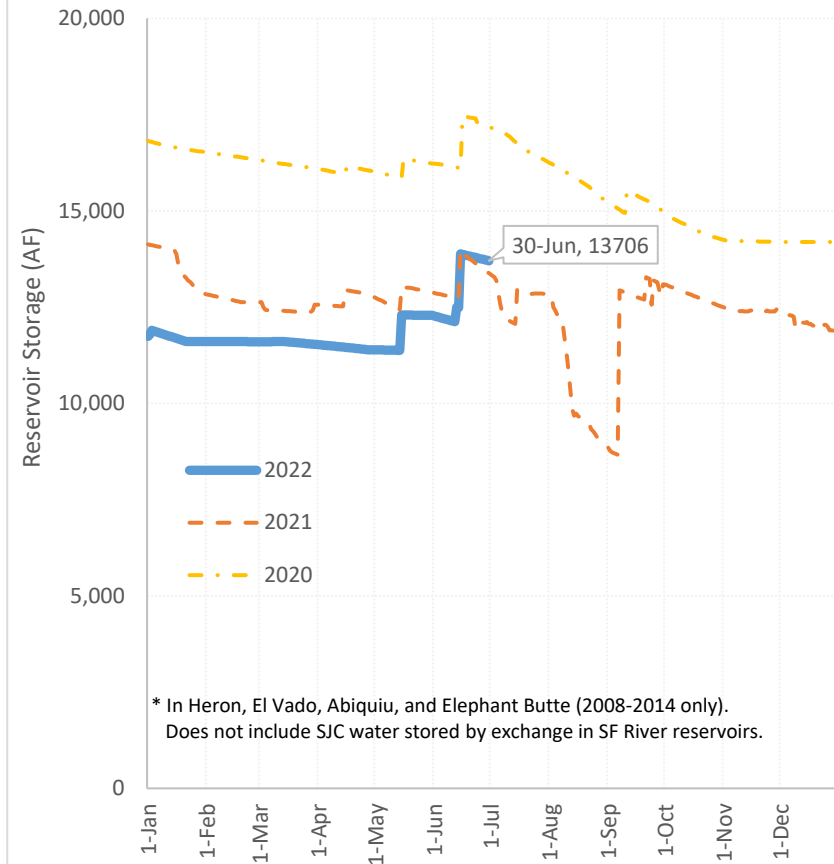


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Total Santa Fe River Reservoir Storage



Total San Juan Chama Project Storage



* In Heron, El Vado, Abiquiu, and Elephant Butte (2008-2014 only).
Does not include SJC water stored by exchange in SF River reservoirs.



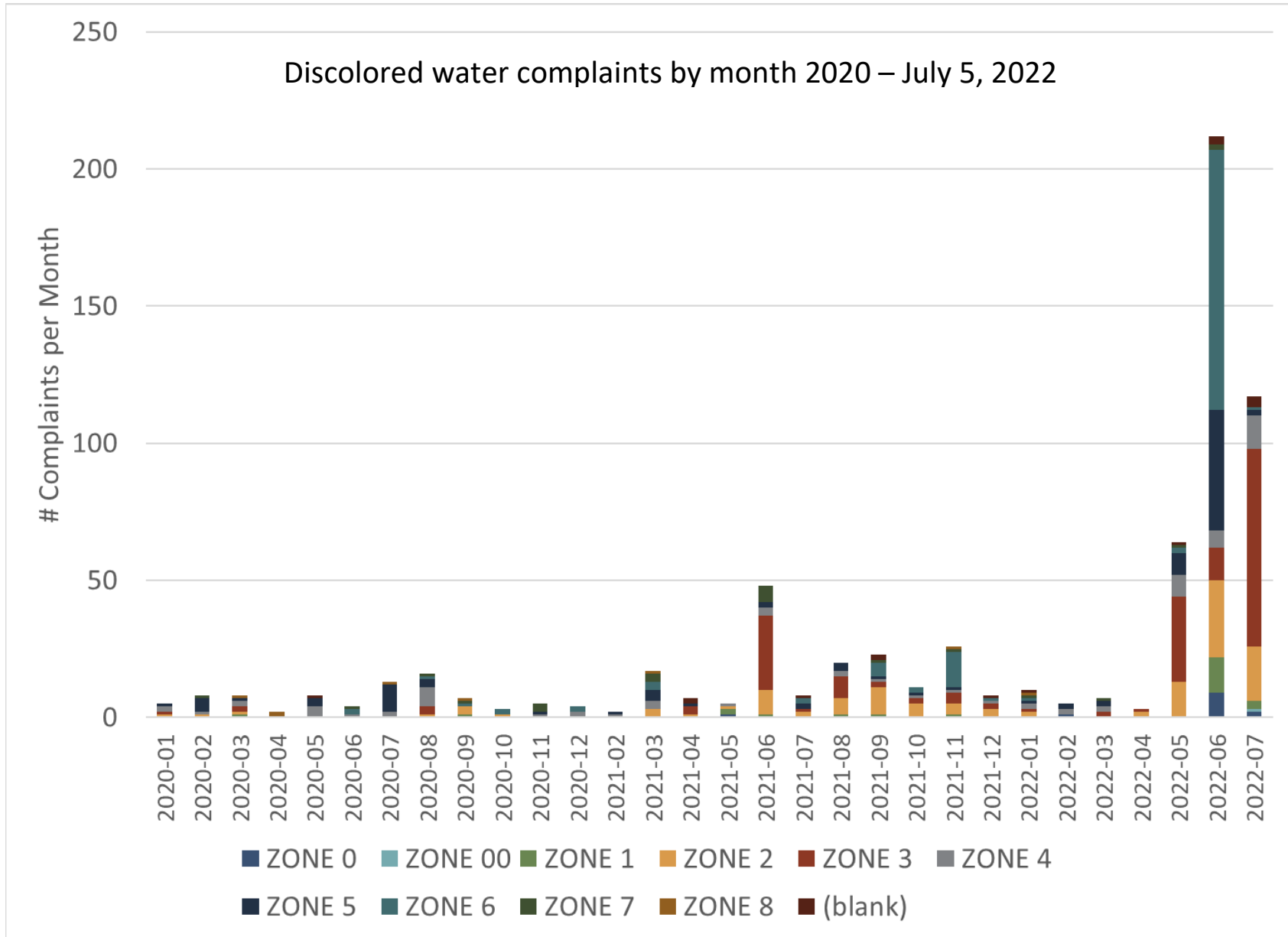
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4. Miscellaneous

- Discolored water update
 - Uptick in discolored water complaints starting in May, surging in early July
 - Possible “mechanical” causes include rapid water movement stirring up sediment in the lines. This could be caused by
 - main breaks (e.g. June 7th Henry Lynch Road)
 - hydrant testing (e.g. June 11th, South Capitol)
 - potential Pressure Reducing Valve (PRV) malfunction in aftermath resulting in continued rapid water flow in parts of system after disruption. (under investigation)
 - Possible “chemical” causes include change to chemistry of source water causing water to dissolve mineral build up in pipes.
 - Actions taken:
 - Shut down Canyon Road Water Treatment Plant 7/6/2022
 - No indication this was the issue except location of complaints
 - Inspection and tuning of PRV's 7/7 – 7/9/2022

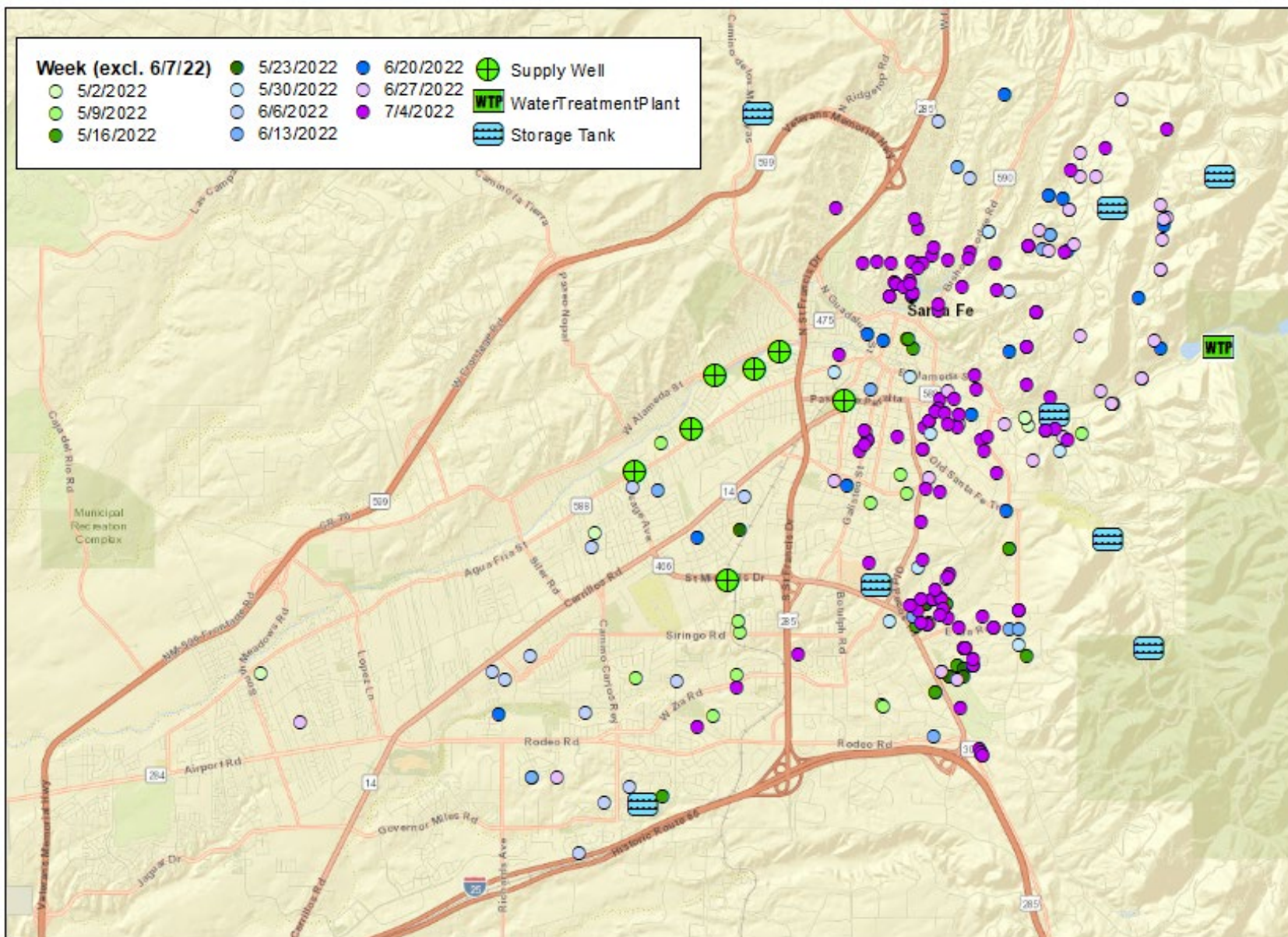


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- Large CIP Projects Update

Project	Benefit	Estimated Cost	Design		Permitting		Construction	
			Start	End	Start	End	Start	End
CRWTP Floc-Sed	Upgrade the aging flocculation and sedimentation basins at Canyon Road Water Treatment plant creating a more efficient and resilient process and increasing plant capacity.	\$ 15,000,000	2020	2022	NA	NA	2023	2025
Nichols Outlet Conduit	Update the aging Nichols Outlet conduit, intake structure, and connection to the CRWTP to address potential dam safety concerns and improve control of water deliveries from the reservoir.	\$ 18,000,000	2019	2021			2023	2023
San Juan Chama Return Flow Project	Reclaim the City's unconsumed San Juan Chama Project (SJCP) water at the Paseo Real Water Reclamation Facility and return it to the Rio Grande directly below the Buckman Direct Diversion. This Project will allow for the same diversions with less water released from upstream reservoirs. This full consumption of SJCP water will stretch this valuable resource to serve three times more demand than it does now.	\$ 35,000,000	2022	2023	2021	2023	2024	2026