



Long Term VOC Monitoring Plan Following the CZU Lightning Complex Fire

Background: The CZU Lightning Complex Fire in August of 2020 caused fire damage to some structures in the service area of the SLVWD. During the firefighting effort, some areas of the distribution system were depressurized and a subsequent precautionary Do Not Drink-Do Not Boil (DND-DNB) notice was issued for the Big Steel, Nina, Highland, Lyon, Eckley, Blackstone, South, Reader, Huckleberry, Bear Creek, Ralston, Blueridge, Riverside Grove and Echo pressure zones. After mainline sampling showed the absence of VOC contamination in the Big Steel, Nina, Highland, Blackstone, Reader, Huckleberry, Bear Creek, Ralston, Blueridge, South and Echo pressure zones, these zones were released from the DND-DNB notice. Benzene was detected in samples collected in the Riverside Grove sample station located at 814 Creek Dr.

Monitoring Plan: Starting in November of 2020, On a monthly basis, the SLVWD shall collect mainline VOC samples via EPA Method 524.2, along with temperature and free chlorine at sample locations representative of the mainlines in affected and unaffected pressure zones. Samples will be collected on approximately the second week of the month. Monthly monitoring shall continue until March 2021. If sample results do not have detections of VOC's above the state MCL, monitoring shall be placed on a quarterly monitoring schedule with samples collected on approximately the second week of the month, during the months of February, May, August and November. Quarterly monitoring shall be done through November 2022 at a minimum.

1. 815 Forest Drive (Designated sample station, South Pressure Zone)
2. 12788 Hwy 9 (Designated sample station, Big Steel Pressure Zone)
3. Clear Creek and Alameda (Designated Sample station, Big Steel Pressure Zone)
4. 275 Brook Ln (Designated sample station, Lyon Pressure Zone)
5. 15030 Hwy 9 (Designated sample station, Reader Pressure Zone)
6. River and Crescent Dr (Designated sample station, Reader Pressure Zone)
7. 814 Creek Dr (Designated sample station, Riverside Grove Pressure Zone)
8. 801 Dry Well Rd (Fire hydrant, Riverside Grove Pressure Zone)
9. 1000 Stewart Dr (Designated sample station, Riverside Grove Pressure Zone)
10. Sylvan and Redwood (Designated sample station, existing DBP monitoring site, Echo Pressure Zone).

11. Riverside and Middle (Designated sample station, outside of DND-DNB notice areas, Brookdale Pressure Zone).

Samples will be submitted to a contract lab that is ELAP certified to analyze for VOC's via EPA method 524.2. Sample results will be forwarded to the SWRCB-DDW Monterey office for review once they are received from the contract lab.



Fire Response Monitoring Locations

Location 10
Sylvan Ave. & Redwood Dr.
(Echo Zone)

Location 8
801 Dry Well Road
(Riverside Grove Zone)

Location 9
1000 Stewart Dr.
(Riverside Grove Zone)

Location 7
814 Creek Dr.
(Riverside Grove Zone)

Location 6
River Rd. & Crescent Dr.
(Reader Zone)

Fire Response Monitoring Locations

Location 5
15030 Hwy 9
(Reader Zone)

Location 4
275 Brook Lane
(Lyon Zone)

Location 2
12788 Hwy 9
(Big Steel Zone)

Location 3
Clear Creek Rd & Alameda Ave.
(Big Steel Zone)

Location 1
815 Forest Way
(South Zone)

Location 11
Riverside Dr. & Middle Dr.
(Brookdale Zone)



San Lorenzo Valley
WATER DISTRICT