

Implementation of CERP Enforcement Measures in Shafter Community

AB 617 Community Steering Committee Meeting
July 13, 2020

Enforcement Program

- The District performs a full suite of enforcement and compliance assurance/assistance activities:
 - Inspections (routine and start-up) of both permitted and unpermitted sources
 - Equipment breakdown investigations
 - Source test observations
 - District-conducted monitoring and source testing
 - Complaint investigations

Enforcement Program (cont'd)

- Inspections and investigations are conducted to determine compliance with a multitude of health-protective local, state, and federal air quality regulations targeting both criteria and toxic pollutants. These include:
 - District rules and permit requirements, including Nonattainment New Source Review and Prevention of Significant Deterioration requirements
 - ARB's Airborne Toxic Control Measures
 - ARB's greenhouse gas regulations affecting landfills; oil and gas production, processing, transmission, and storage facilities; and refrigeration systems
 - Federal New Source Performance Standards, National Emission Standards for Hazardous Air Pollutants, and Maximum Available Control Technology standards

Elements of Enforcement Program

- Inspections and investigations of permitted sources
 - Advanced detection and monitoring equipment, CEMS
- Investigations of public complaints
- Enforcement of residential wood burning curtailments
- Enforcement of open burning prohibitions
- Conservation Management Practices program
- Fugitive dust program
- Portable equipment registration/inspection program
- Enforcement of federal asbestos standard
- Gasoline dispensing facility program
- Enforcement of consumer product and point-of-sale regulations
- Commercial diesel idling enforcement
- Indirect Source Review enforcement

Enhanced Enforcement of District Rule 4901 (Wood Burning Fireplace and Wood Burning Heaters) Curtailments

- To limit the potential for localized PM2.5 impacts associated with the failure to comply with mandatory episodic wood burning curtailments, District staff will conduct at least four (4) hours of surveillance within the Shafter community on each declared curtailment day for the next five (5) winter seasons to enhance the enforcement of District Rule 4901. The District will work with the Community Steering Committee to focus surveillance efforts in areas where wood burning is more prevalent.

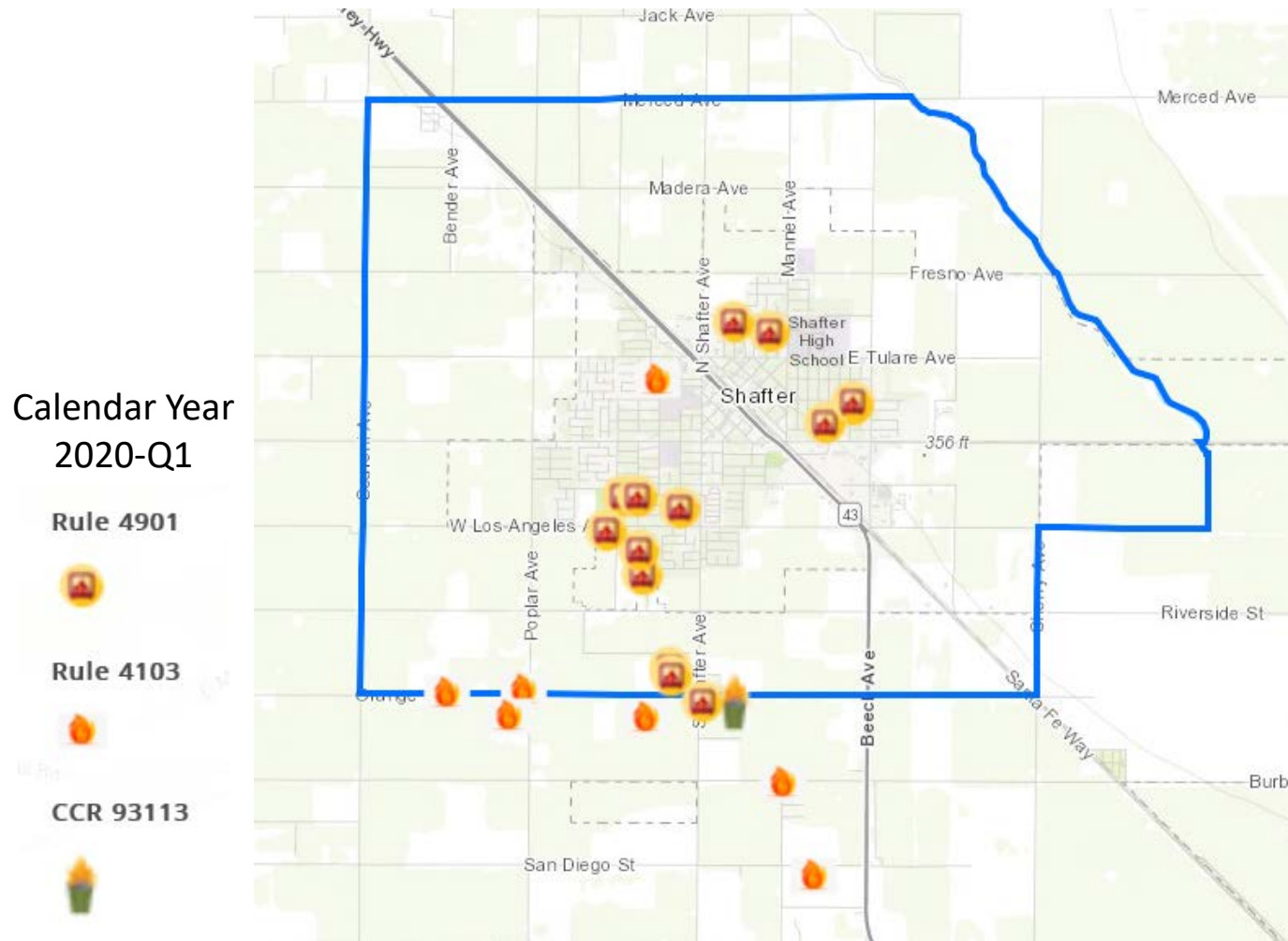
Enhanced Enforcement of District Rule 4103 (Open Burning)

- To limit the potential for localized PM_{2.5} and toxic impacts associated with the illegal open burning of residential waste, District will conduct targeted surveillance efforts within the Shafter community. Building on the District's existing surveillance and complaint response efforts, the District will conduct additional targeted surveillance efforts in the Shafter community at least once per quarter for the next five (5) years. The District will work with the Community Steering Committee to focus surveillance efforts in areas where illegal residential open burning has historically occurred.

Enhanced Enforcement of District Rule 4103 (Open Burning) (cont'd)

- Feedback?
 - Are there particular locations where CSC has observed residential burning?
 - Where should District focus future enforcement efforts?
 - Is open burning more prevalent at particular times of day?

Fireplace and Open Burning Violations



Enhanced Inspection Frequency of Permitted Sources

- To limit the potential for localized air quality impacts associated with the failure to comply with emissions standards established by District permit, rule, or regulation, the District will increase the frequency of inspection at each facility that has had an emission violation over the past three (3) years. These facilities will be inspected at least twice per calendar year for the next five (5) years or until the facility has four (4) consecutive inspections without an emission violation, whichever occurs first.

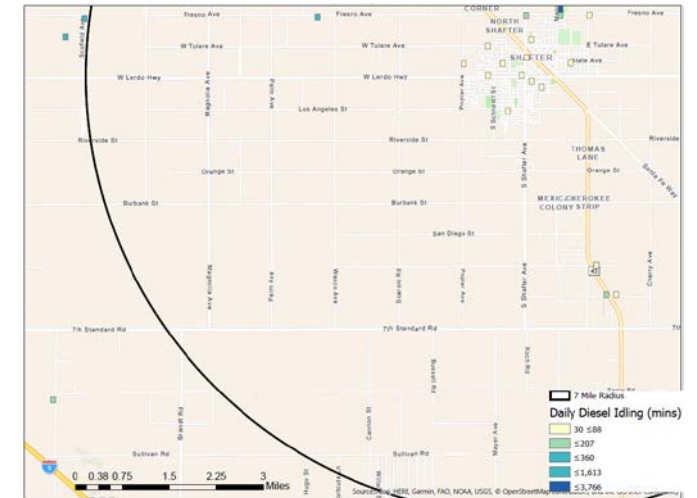
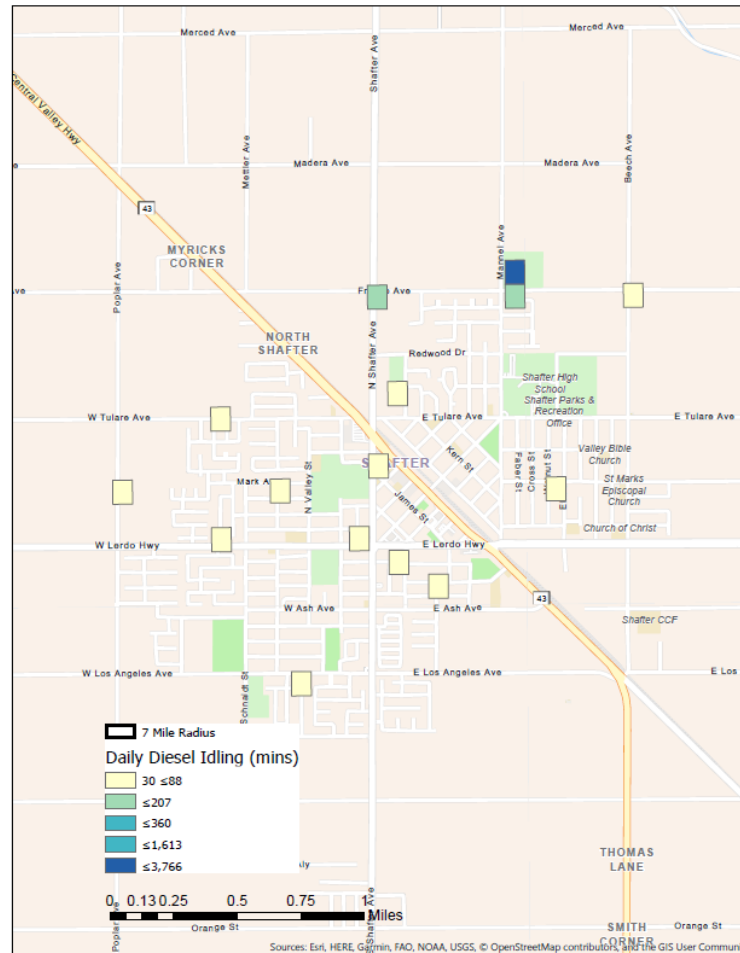
Pilot Training Program for Conducting Self-Inspections at Gas Stations

- To limit the potential for air quality impacts associated with vapor recovery defects at gasoline dispensing stations, the District will develop a pilot training program to instruct gas station operators on conducting thorough self-inspections of the vapor recovery systems at their stations to aid in the identification and timely repair of vapor recovery system defects. The District will provide this hands-on training to each gas station operator in the community.

Enhanced Enforcement of the State's Heavy-Duty Vehicle Anti-Idling Regulation

- To limit the potential for localized PM2.5 and toxic air quality impacts associated with failure to comply with the state's heavy-duty vehicle anti-idling regulation, the District will partner with CARB to conduct additional targeted anti-idling enforcement efforts in Shafter community at least once per quarter for the next five (5) years. The District and CARB will work with the Community Steering Committee to identify heavy-duty vehicle idling “hot spots,” especially those near schools, to aid in focusing the enforcement efforts.

Enhanced Enforcement of the State's Heavy-Duty Vehicle Anti-Idling Regulation (cont'd)



Enhanced Enforcement of the State's Heavy-Duty Vehicle Anti-Idling Regulation (cont'd)

- Feedback?
 - Are there particular locations where CSC has observed illegal idling?
 - Where should District focus future enforcement efforts?
 - Is idling more prevalent at particular times of day?