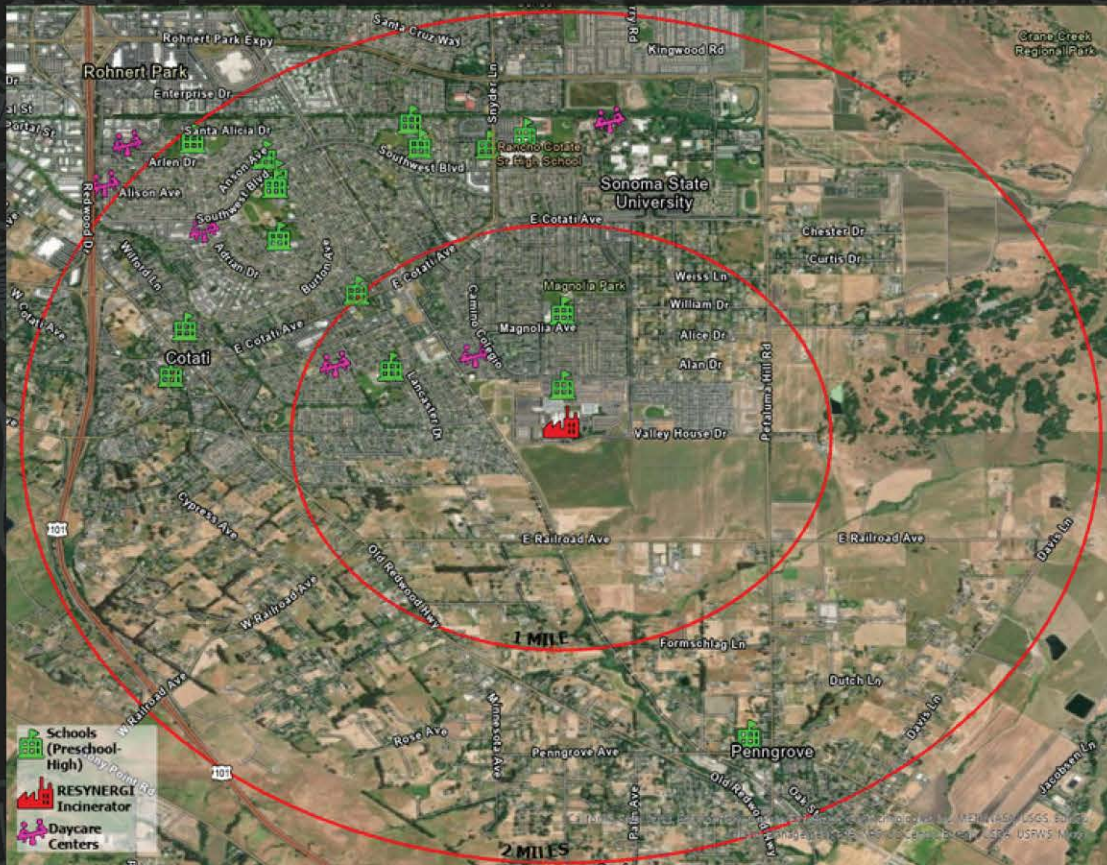


# ROHNERT PARK INCINERATOR



## WHAT IS THIS?

This facility (RESYNERGI) being proposed in Rohnert Park is an incinerator that will burn plastic. The operator proposes to bring over 2800 tons of plastic per year to the facility and burn it to create fuel oils and ash/char. There are no commercially sized incinerators of this type (microwave pyrolysis) operating in the country, so it cannot be known what the facility will all emit into the air once operation begins. However, since 2019, 12 similar facilities storing plastic have caught fire in California.



## HOW MUCH PLASTIC WILL IT BURN AND IS IT GROUND UP ON SITE BEFORE IT IS BURNED?

Plastic is ground up on-site before burning; the incinerator receives small fragments of chipped and crushed plastic. This method produces large amounts of microplastics. The facility is permitted to burn 1,750 tons per year of plastic, but is permitted to accept 2811 tons per year. It is unclear where the additional 1061 tons of plastic is going. This plant is estimated to release dioxins, furans, 1,3 butadiene, arsenic, cadmium, lead, mercury, NOX, SOX, and PM. These emissions will most likely include additional dangerous air toxics from facility startup, shutdown, and malfunctions. These periods can cause incinerators to produce hundreds of times more pollutants and emissions.



## WILL FLAMMABLE FUELS BE STORED HERE?

The permit allows the fuel/oils being produced from this process to be stored on site in a huge 10,000 gallon tank. These tanks have valves, flanges, and vents that often leak. Leaks also occur when fuel is transferred from the tank into the trucks transporting the fuels. The air district is requiring the facility to apply for an exemption from federal law (40CFR 60 Subpart VVb) which would allow the facility to bypass more strict requirements for controlling leaking valves, flanges, and vents.

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