



Superfund
Redevelopment
Initiative

SITE REDEVELOPMENT PROFILE

Aerojet General Corp. Superfund Site

Rancho Cordova, California



A view of solar panels at the site. (Source: EPA)

Site Location: U.S. Highway 50 and Aerojet Road, Rancho Cordova, California 95670

Size: 5,900 acres of contaminated soil, 8,600 acres of contaminated groundwater.

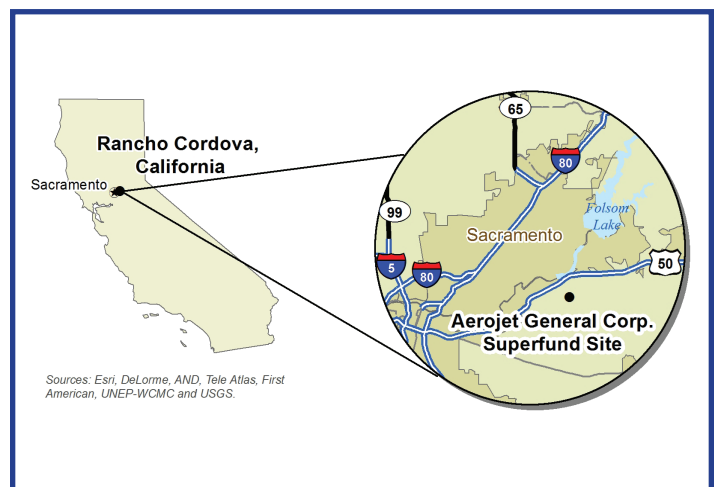
Existing Site Infrastructure: All major types of infrastructure are located on site.

Current Site Uses: Industrial facilities, commercial office space, grazing areas, a 40-acre solar array and ecological habitat. A large mixed-use development is also planned for the site.

Use Restrictions: Groundwater use is restricted. Land use on parts of the site is restricted to commercial and industrial use. Additional restrictions may be necessary, pending future cleanup decisions.

Surrounding Population: About 72,000 people live in Rancho Cordova.

The site covers 5,900 acres near Rancho Cordova. Rancho Cordova is located about 10 miles east of Sacramento. Since 1953, Aerojet and its subsidiaries have made rocket engines and formulated chemicals on site. Past disposal and operation practices led to soil and groundwater contamination. EPA added the site to the Superfund program's National Priorities List (NPL) of contaminated sites in 1983. Cleanup efforts to date have contained and addressed contaminated groundwater using several pump-and-treat systems. Additional work is planned to further prevent contaminant migration and to clean up soil and groundwater contamination sources.



Location of the site in Rancho Cordova, California.

In 2008, Aerojet began planning to convert part of its facility into a solar farm to help power the site's extensive groundwater remediation program. Aerojet also viewed this as an opportunity to reduce the company's carbon footprint and improve energy usage as part of parent company GenCorp's Sustainability Initiative. The project made fiscal and environmental sense for the company; its

partners and the project moved forward rapidly. The first solar arrays were installed in 2009; the last arrays were installed in April 2010. In total, 22 solar arrays track the course of the sun each day, generating 6 megawatts (MW) of power. The electricity produced provides more than 20 percent

SITE HISTORY AND REDEVELOPMENT TIMELINE



1953	Aerojet acquired 5,900-acre former gold mining area to develop and test rocket propulsion systems. Aerojet continues to operate on site.
1974 - 1979	Cordova Chemical Company operated chemical manufacturing facilities on site.
August 1983	EPA added the site to the NPL.
Mid-1980s	Groundwater extraction and treatment systems installed.
April 2002	Site divided into operable units.
February 2009	Aerojet selected Solar Power, Inc. to finance and build solar farm.
June 2009	Aerojet and Solar Power, Inc. signed Solar Power Purchase Agreement and began implementing first phase of the 3.6-MW solar installation.
September 2009	California's governor signed Executive Order S-14-08 at the Aerojet solar farm.
November 2009	Construction of 3.6-MW solar installation completed.
November 2009	Second phase, 2.4-MW solar installation addition dedicated.
June 2010	Construction of 2.4-MW solar installation addition completed. The 6-MW solar farm fully operational.
2018	Ongoing commercial, industrial, agricultural and ecological uses on site. Future plans call for mixed-use redevelopment on site.

of the energy needed to power the site's groundwater remediation program. Thanks to forward thinking and creative partnerships, the Aerojet solar farm is as a leading example of how environmentally impaired lands can be transformed into energy-producing environmental assets. In 2017, Altus Power acquired the solar project. The solar project generates about 11 million kilowatt hours of electricity annually, enough to power the equivalent of 800 homes. The solar energy system sells clean, renewable energy to Aerojet, Rocketdyne, Inc. to offset the cost of operating the groundwater treatment system.

Aerojet continues to operate on site today. The company's facilities include its corporate and administrative offices; an engineering center for space and defense systems; an innovations facility for development of new product technologies; a manufacturing facility for solid rocket motors and liquid engines, advanced propulsion systems, metallic and composite structures, and advanced specialty components; and extensive propulsion test facilities. Sheep and other livestock graze on other parts of the site. Open green space on site provides habitat for a wide variety of plant and wildlife species. In 2019, Aerojet plans to move operations from the site to Huntsville, Alabama. Approximately 300 employees will remain on the site and a tenant will continue to rent several buildings.

Sacramento County has designated the site as a Special Planning Zone. Future development at the site will include residential, commercial/industrial and recreational areas. The Easton mixed-use development project will follow Sacramento County Land Use Master Plan guidelines. The project will be built on undeveloped parts of the site – former buffer areas for the company's testing and manufacturing operations. Easton will cover about 6,100 acres. GenCorp Realty Investments, the company managing the project, is currently accepting inquiries and entering into agreements to sell parts of the property to developers - <https://easton-ca.com/>.



A view of solar panels at the site. (Source: EPA)



A view of the site. (Source: EPA)

FOR MORE INFORMATION

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In May 2017, EPA established a task force to restore the Superfund program to its rightful place at the center of the Agency's core mission to protect health and the environment.

epa.gov/superfund/superfund-task-force