

**Community Focus Statement D: Improve Lucerne Valley's water and sewer infrastructure with a focus on the community's sustainability.**

**Action Statement D.5: Coordinate with the County to centralize a refuse transfer station, sewage treatment plant, bio-solid energy plant, and electrical substation at Tamarisk Flats.**

**Benchmark:** If supported by community, a Special District is created, a feasibility study completed to confirm the viability of the Tamarisk Flats site and funding obtained for construction through the Special District.

**Champion:** Volunteer group or person or can be identified by the community

**Estimated Cost:** \$100,000–\$155,000,000

PREVIOUSLY  
CONSIDERED



Example of a solid waste transfer station.

*LVEDA states in their 2017 comment letter that Lucerne Valley has a good refuse transfer station near town off Camprock Road and does not need a replacement. In addition there would not be biofuels available from nearby.*

Various utility, energy, and community service options have been discussed over the years in Lucerne Valley. One particular area has been identified as an ideal location to centralize some of the energy and operational systems needed in the community. A large area called Tamarisk Flats exists near Dry Lake, which is suitable for photovoltaic (PV) solar, is level, has stable clay-containing soil, and is naturally screened from view, crossed by existing Southern California Edison

(SCE) power lines, and unsuitable for other uses. Locating all of these systems in one place allows for a certain amount of efficiency in operations, as well as the ability to locate such facilities beyond residential areas.

A waste disposal transfer station that accommodates local residents in the unincorporated county already exists at 27805 Squaw Bush [Lucerne Valley (Camp Rock) Transfer Station]. The transfer station is open from 8:00 a.m. to 4:30 p.m., Wednesday through Monday.

Lucerne Valley is under County Service Area (CSA 29) with water and other powers. A water/sewer assessment study was conducted in 2006 to designate a possible community wastewater treatment location within a proposed development. The table below lists some potential infrastructure costs.

**Infrastructure Costs**

Potential Improvement	Cost (typical per item)
Feasibility Study	\$100,000–\$300,000
Refuse Transfer Station	\$2 million–\$10 million
Sewage Treatment Plant	\$2 million–\$20 million
Biosolid Energy Plant	\$80 million–\$120 million
Electrical Substation	\$1 million–\$3 million

## PREVIOUSLY CONSIDERED

Action	Action Leader	Timeline	Resources
1. Establish community support for a potential project through informal and formal community meetings. If there is community support, create a Task Force	Champion with Lucerne Valley EDA, local community leaders	Months 1–24	San Bernardino County Department of Public Works Waste Disposal Sites <a href="http://cms.sbcounty.gov/dpw/SolidWasteManagement/WasteDisposalSites.aspx">http://cms.sbcounty.gov/dpw/SolidWasteManagement/WasteDisposalSites.aspx</a>
2. Conduct a preliminary study documenting community support or identify a secondary site and preliminary analysis of Tamarisk Flats site feasibility. Preliminary cost estimate to be considered by the community.	Task Force	Months 25–36	Southern California Edison, EMF Design Guidelines for Electrical Facilities <a href="http://www.cpuc.ca.gov/environment/info/aspen/dpv2/deir/apps/ap6_emf_design_guidelines.pdf">http://www.cpuc.ca.gov/environment/info/aspen/dpv2/deir/apps/ap6_emf_design_guidelines.pdf</a>  California Energy Maps <a href="http://www.energy.ca.gov/maps/reliability/LCR_Southern.html">http://www.energy.ca.gov/maps/reliability/LCR_Southern.html</a>
3. Develop a Special District for Lucerne Valley energy and infrastructure improvements.	Task Force	Months 36–120	US Environmental Protection Agency, Water & Energy Efficiency in Water and Wastewater Facilities <a href="https://www3.epa.gov/region9/waterinfrastructure/technology.html">https://www3.epa.gov/region9/waterinfrastructure/technology.html</a>
4. Conduct a feasibility study to determine the viability and cost of developing the Tamarisk Flats area or another site with centralized services.	Special District	Months 121–136	Homestead Valley Community Council meeting notes from July 20, 2015 <a href="http://www.hvccsite.org/HVCC%20Agenda%20JULY%202015.pdf">http://www.hvccsite.org/HVCC%20Agenda%20JULY%202015.pdf</a>
5. Conduct required environmental studies.	Special District	Month 137–160	Rialto Regional Biosolids Processing Facility <a href="https://www.filanc.com/project-showcase/rialto-regional-biosolids-processing-facility/">https://www.filanc.com/project-showcase/rialto-regional-biosolids-processing-facility/</a>
6. Obtain funding for centralized services through the Special District.	Special District	To be determined	
7. Construct services in Tamarisk Flats area.	Special District	To be determined	How to Plan, Design and Finance Small Transfer Stations and Citizens' Collection Stations, RW Beck, April 14, 2010 <a href="http://www.nctcog.org/envir/SEELT/disposal/Planning_Designing_and_Financing_CC_Ss_TSs.pdf">http://www.nctcog.org/envir/SEELT/disposal/Planning_Designing_and_Financing_CC_Ss_TSs.pdf</a>