

Supplemental Environmental Project (SEP) Report Card		Linda County Water District (LCWD) Capital Improvements
Regional Water Board	Region 5S - Sacramento	<b>OUTCOMES:</b> <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory
Total Project Cost	\$44,000	
SEP Funding	\$82,500	
Approval Date	1/11/2013	
Project Category	Other (Rehabilitation)	

### Summary

The purpose of the Linda County Water District (LCWD) SEP was to make necessary repairs/replacements to the existing collection system. The number one priority for the District was the replacement of a 6-inch sewer lateral constructed in the 1940's to solve a large Infiltration and Inflow (I&I) problem. To prevent possible Sanitary Sewer Overflows (SSOs), LCWD installed new reliable pumps at the lift stations and float sensors to alert system operators of possible SSOs before they occur.

### Location Map



### Water Quality Outcomes

- **Replacement of 6-inch Lateral:** The existing line on the school district property was abandoned and replaced with a new 6" line, reducing the sewage volume and dilution at the wastewater treatment plant.
- **Lift Station Improvement:** Necessary improvement at the existing lift stations included electrical panel wiring repair at the Silverwood Lift Station, installation of supervisory control and data acquisition (SCADA) monitoring systems, and replacement of two pumps. With the monitoring program in place and station upgrades the number of preventable SSOs will be greatly reduced.
- **Battery Operated Float Sensors:** Several battery operated float sensors have been installed to monitor preventable SSOs. Sensors placed in notable problem areas throughout the system enable quick response by District staff to prevent SSOs before they occur.