

# Water Quality Report Card

**Regional Water Board:** Colorado River Basin, Region 7

**Beneficial Uses Affected:** RARE, REC-1, REC-2, WARM, WILD

**Implemented Through:** [Regional Water Board Resolution](#)  
Agricultural Waiver, Agricultural General Order

**Effective Date:** September 19, 2013 (Resolution)

**Attainment Date:** 2018

## Pesticides in Alamo River (Chlorpyrifos and Diazinon)

**STATUS** **Conditions Improving**

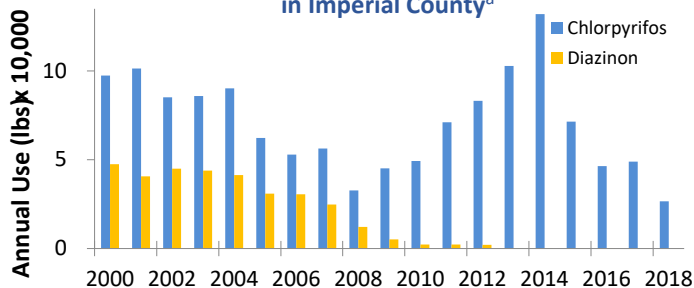
**Pollutant Type:** Nonpoint Source

**Pollutant Source:** Irrigated Crop Production

### Water Quality Improvement Strategy

The Alamo River originates in Mexico south of the international boundary and flows north to the Salton Sea in Imperial County, California. Dominated by discharges from Imperial Valley agriculture, the Alamo River exceeds water quality standards (WQS) for chlorpyrifos and diazinon and is listed as impaired for both pesticides on the USEPA Clean Water Act 303(d) List. To address the impairment, the Colorado River Basin Regional Water Board initially adopted a [resolution](#) in September 2013, certifying revisions to the [Imperial County Farm Bureau's](#) (ICFB) existing [Voluntary TMDL Compliance Program](#). In December 2021 the Regional Board adopted the [Imperial Valley General Order](#) which includes the [State Board precedential requirements](#) with management practice implementation, monitoring, and reporting.

**Annual Pesticide (Chlorpyrifos and Diazinon) Use in Imperial County<sup>a</sup>**



<sup>a</sup> [Department of Pesticide Regulation data](#) for Imperial County (includes New River and Alamo River Watersheds).

<sup>b</sup> Monitoring data available on [CEDEN](#) and [CA Department of Pesticide Regulation websites](#) and Regional Board ILRP.

<sup>c</sup> Non-detects are represented as 1 (one) on graphs with log scale.

### Alamo River Watershed Map

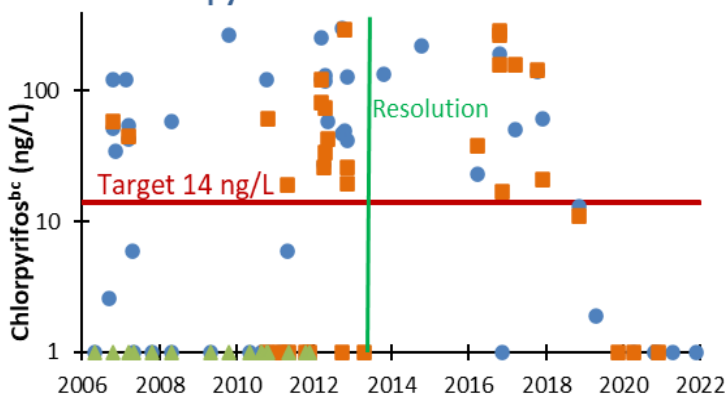


### Water Quality Outcomes

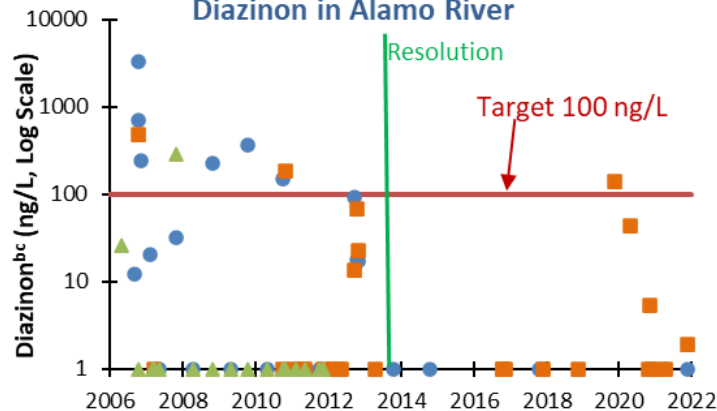
- Decrease in chlorpyrifos use in Imperial County in recent years is reflected in the concentrations which have consistently met WQS since November 2018.
- Diazinon use has been minimal in Imperial County since 2013 and concentrations have subsequently met WQS except in November 2019.
- These two pesticides will continue to be monitored as per the order requirements.

### Water Quality

#### Chlorpyrifos in Alamo River



#### Diazinon in Alamo River



● Lower (D3, Outlet)    ■ Middle (D10, D8, Harris Rd., D6A, D6, Rutherford)    ▲ Upper (Intl Bdry)