

Water Quality Report Card

Pesticides in New River (Chlorpyrifos and Diazinon)

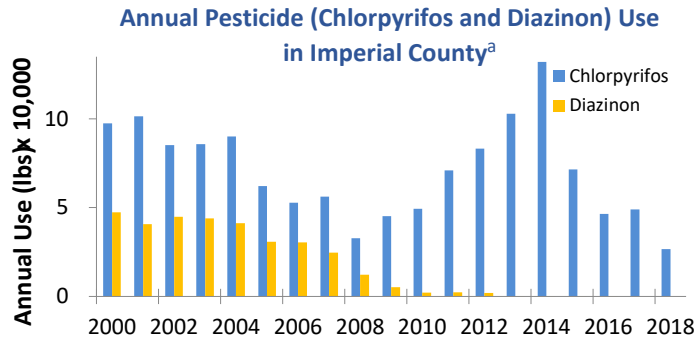
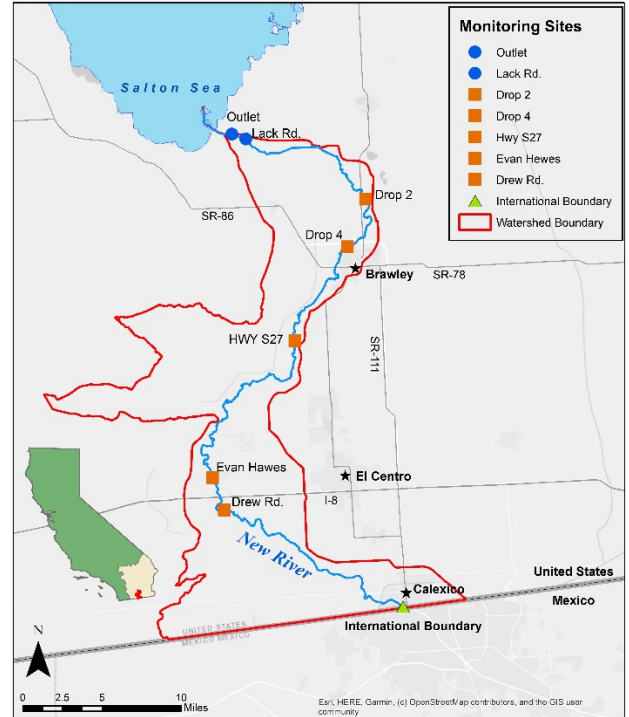
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|----------------------------------|--|
| Regional Water Board: | Colorado River Basin, Region 7 |
| Beneficial Uses Affected: | RARE, REC-1, REC-2, WARM, WILD |
| Implemented Through: | Regional Water Board Resolution Agricultural Waiver, Agricultural General Order |
| Effective Date: | September 19, 2013 (Resolution) |
| Attainment Date: | 2018 |

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|--------------------------|---------------------------|
| STATUS | Conditions Improving |
| Pollutant Type: | Nonpoint Source |
| Pollutant Source: | Irrigated Crop Production |

Water Quality Improvement Strategy

The New River originates south of the International Boundary in Mexico, and flows north to the Salton Sea in Imperial County, California. Dominated by discharges from Mexicali and Imperial Valley agriculture, the New 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.

New River Watershed Map



^a [Department of Pesticide Regulation data](#) for Imperial County (includes New River and Alamo River Watersheds).
^b Monitoring data available on [CEDEN](#) and [CA Department of Pesticide Regulation websites](#) and Regional Board ILRP.
^c Non-detects are represented as 1 (one) on graphs with log scale.

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.
- These two pesticides will continue to be monitored as per the order requirements.

Water Quality

