

Monitoring, Reduction, and Collection of Agricultural Pesticides in the Columbia River Basin

WSDA NRAS

Surface water monitoring for pesticides (expansion into Eastern Washington), agricultural land use mapping, pesticide usage data collection

WSDA TSEP

Bilingual education program for pesticide handlers, trainers, air blast sprayer calibration and on-farm technical assistance, waste pesticide collection

PCD

Support BMP adoption, conservation practices, active research program focused on sediment/erosion, voluntary incentive-based conservation practices

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- Surface water monitoring
 - 3 sites in Yakima, 2 new sites in Palouse
 - > 150 pesticides
 - Sediment sampling in Palouse
- Education
 - Use pesticide monitoring data
 - Use established relationships and expertise of TSEP and PCD
- Waste pesticide collection
 - Remove pesticides from watersheds completely
 - Promotion support from PCD



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- Short/intermediate outcomes
 - Expand NRAS monitoring into Palouse River Watershed
 - Close the loop – information to growers
 - Identify needed BMPs
 - Collect pesticides
- Longer term results
 - Learn from this collaboration between NRAS, TSEP, and PCD
 - Expand to additional watersheds and partner with more local experts