

Production Agriculture Services

What We Do

We assist our production agriculture client's in the assessment, protection and enhancement of natural resources through regulatory compliance planning and support, vegetation management and water resource management and planning.



Our Expertise

We focus on the application of environmental science and engineering to evaluate and solve problems related to water, threatened/endangered species and their habitat, pesticides and fertilizers, permitting and compliance, and human and ecological risk.

Who We Are

Our staff has training and expertise in water quality, environmental toxicology, chemistry, biology, and drainage and erosion control. We are licensed professional engineers and Pest Control Advisers (PCAs) and are active members of the Yolo, Solano and Sacramento Farm Bureaus, the Association of California Water Agencies (ACWA) and the Northern California Water Agency (NCWA).



Our Goal: Practical Solutions

We combine recognition of our client's business needs with our understanding of farm and ranch operational needs and regulatory agency requirements. The result is protective and pragmatic solutions to operation, construction, renovation, and maintenance projects.



Specialized Services:

- Integrated Pest Management (IPM) plans
- Pest Control Adviser (PCA) recommendations
- RWQCB Aquatic Pesticide, Ag Waiver & WDR compliance
- USACE 404 Permits
- CDFW 1600 Streambed Alteration Agreements
- Water Rights
- SB88 Water use reporting
- Groundwater monitoring
- Pesticide and fertilizer environmental fate and transport studies
- Erosion control plans and Best Management Practice (BMP) design
- Bioswale & Infiltration basin design
- Human health & ecological risk assessments
- Drift/Runoff forensics
- Fuel & lubricant storage area design
- CEQA EIR support & Initial Study preparation
- Wetland delineation and restoration
- Pond and lake management
- Irrigation water suitability analysis
- Reclaimed and recycled water use analysis
- Surface water capture & recycling
- CDFA SWEEP and HSP grant preparation
- Biological monitoring and construction observation
- Dairy lagoon & Nutrient Management Plans (NMPs)

