WRAMP FOR PROP 1 FUNDED PROJECTS
WRAMP IS:
The Wetland and Riparian Area Monitoring Plan
A plan for comprehensive monitoring and assessment of aquatic resources using a watershed or landscape context.

WRAMP uses the EcoAtlas Tool Set and other tools for three levels of assessment and analysis, and provides the framework for making these three levels of assessment work together.

CRAM IS:
The California Rapid Assessment Method: A field-based method of observation that provides a rapid, repeatable, numeric assessment of the overall condition of a stream or wetland.
WRAMP organizes management questions, assessment methods, and data into three levels...

Level 1: Resource inventories and maps (remote sensing)

Level 2: Rapid field-based assessment of overall wetland function or condition (CRAM, and other methods)

Level 3: Intensive assessment of specific functionality
WRAMP is simply a means of organizing management questions, and the methods for seeking answers.

WRAMP requires all three levels together...
Level 2 assessments do not replace level 3!
WRAMP is a means of implementing step 6 of the required adaptive management plan.

WRAMP organizes how different levels of data interact, allowing us to explain causal links and validate results.

WRAMP may also help with Step 4.
What is CRAM?

CRAM is one of many EcoAtlas Tools. It is a field-based “walk and talk” method of systematic observation that, when used as directed, provides rapid, repeatable, numeric assessment of the overall condition of a wetland based on visible indicators of its form, structure, and setting, relative to the least impacted reference condition; i.e., a Level 2 Assessment.

What is overall condition?

Overall condition is the capacity or potential of a wetland to provide the functions and services expected for the same type of wetland in its natural setting, assessed relative to “best” reference condition.

CRAM data allow measurement of relative site performance and ambient condition for single sites and for entire watersheds or regions.
KEY CONSIDERATIONS:

• CRAM assessments must be done by trained practitioners.

• Effort needed for a project is dependent on the size, scale and time length of the project.

• For most restoration projects, before, after and out-year assessments are recommended.

• Collaboration with other projects and programs can reduce costs and improve the reliability of the data.

• Planners must determine if and how WRAMP is applicable to a proposed project, in consultation with the Conservancy and CWMW.
Start by reading the technical advice provided by CWMW at:
http://www.mywaterquality.ca.gov/monitoring_council/wetland_workgroup/index.html
For assistance with CRAM, start at: www.cramwetlands.org → contact us
HOW TO USE WRAMP FOR PROP 1 FUNDED PROJECTS

Thank You!

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