



COUNTY OF YOLO

Office of the County Administrator

Patrick S. Blacklock
County Administrator

NATURAL RESOURCES DIVISION

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DATE: March 28, 2014
TO: Interested Parties
FROM: Elisa Sabatini
Natural Resources Analyst
RE: **Annual Creek Inspection**

The Yolo County Cache Creek Technical Advisory Committee (TAC), staff, and interested parties will be conducting a site visit and annual inspection of Cache Creek from the Capay Dam to I-5, a total distance of approximately 15 miles, on April 28-30, 2014, as required under Section 6.3 of the Cache Creek Improvement Plan. The total distance will tentatively be divided over three days as follows:

Day 1: Capay Dam to Capay Open Space Park;
Day 2: Capay Open Space Park to the Cache Creek Nature Preserve
Day 3: Cache Creek Nature Preserve to I-5

The inspection will include observation of the following conditions:

- Evidence of significant changes in channel dimensions or bank erosion;
- Evidence of significant bed degradation or aggradation;
- Significant changes in the location or sizes of bars and other channel features;
- Channel armoring;
- Vegetation located within the center portion of the channel (within 100 feet of the low flow channel), including type, density, and size;
- Conditions at bridges and along levees and other major infrastructures;
- Potentially hazardous conditions involving public safety or property damage;
- General hydraulic condition of the channel based on qualitative comparison with previous years (restrictions due to vegetative growth, changes in bed form, etc.);
- General evaluation of channel and bank stability on a reach-by-reach basis;
- Identification of areas where vegetation may be getting so thick as to adversely alter flow direction or reduce channel capacity; and
- Areas where the existing capacity of the channel can no longer contain a 100-year flood event, or is nearing the loss of such capacity.

PLEASE NOTE, in order to thoroughly document the changing conditions of Cache Creek, the Technical Advisory Committee will be conducting most of the annual inspection on foot.

If you have any questions please contact Elisa Sabatini, Natural Resources Analyst at (530) 406-5773 or elisa.sabatini@yolocounty.org.