

# San Joaquin River Restoration Program



## Channel Capacity Report 2014 Restoration Year

Restoration Goals Technical Feedback Workgroup

November 21, 2013



# Purpose of Report

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- Commitment in the Program Environmental Impact Statement/Environmental Impact Report (PEIS/R) Project Description to minimize increases in flood risk in the Restoration Area due to the release of interim and restoration flows.

# PEIS/R Commitment Requirements

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- Establish a Channel Capacity Advisory Group (CCAG) and determine and update estimates of then-existing channel capacities as needed
- Maintain interim and restoration flows at or below estimates of then-existing channel capacities\*
- Closely monitor erosion and perform maintenance and/or reduce interim and restoration flows as necessary to avoid erosion-related impacts

\*Then existing channel capacity corresponds to flows that would not significantly increase flood risk from SJRRP flows in the Restoration Area. The Channel Capacity Report will annually recommend updating then-existing channel capacities based on updated data and analysis.

# Advisory Group Composition

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- California Department of Water Resources
- Bureau of Reclamation
- U.S. Army Corps of Engineers
- Lower San Joaquin Levee District
- Central Valley Flood Protection Board



# Role of Advisory Group

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- Provide independent review of then-existing channel capacities estimated by Reclamation and in accordance with U.S. Army Corps of Engineers levee performance criteria
- Review existing data and analyses used to estimate then-existing channel capacities
- Review analytical methods proposed to update estimated then-existing channel capacities.
- Provide input and guidance on monitoring and management actions
- Reclamation will convene the CCAG as required until 2030, but may stop earlier or continue later dependent on whether then-existing channel capacities are equal to or greater than proposed Restoration Flows

# What is Included in Report

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- Results of completed and on-going SJRRP studies and monitoring
- Proposals and descriptions of future SJRRP studies and monitoring with potential to inform then-existing channel capacity
- Future non-SJRRP actions with the potential to inform then-existing channel capacity

# What is Not Included in Report

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- Seepage Management Plan actions as they relate to agricultural land seepage (however, seepage management projects will be closely coordinated to determine if there are any changes in channel capacity as a result of those actions)
- Other non-channel capacity specific Restoration or Water Management Goal actions



# Timing of Reporting

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- Reclamation to prepare report annually or whenever it contemplates increasing the upper limit of SJRRP releases.
- First draft required to be completed within one year of signing of the Record of Decision
- Draft reports provided to the CCAG for review and comment for a 60-day period, with incorporation of comments from the CCAG occurring over the following 60-day period
- Reports will be provided to the public for review and comment for a 60-day period