IEP Data Management Plan

Project Element Number:

074

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Start Date:

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Study Title

Middle Sacramento River Juvenile Salmonid Emigration Monitoring Program at Knights Landing

Principal Investigator

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Data Description

Data collection begins in late summer/early fall when water temperatures decline and ends in late spring/early summer when water temperatures rise to unsafe levels for handling salmonids. Both biotic and abiotic data are collected, including fork length, species, run assignment, tissue sampling for Chinook salmon, life stage, wet weight, live well water temperature, flow, turbidity and transparency, cone revolutions, and amount of debris in live wells.

Related Data

Daily average flow data are retrieved from the CDEC Wilkins Slough gauging station.

Metadata

Metadata are located within the daily catch update table as a comment in each column heading. Daily catch updates can be accessed via the CalFish website. URL: https://www.calfish.org/ProgramsData/ConservationandManagement/CentralValleyMonitoring/SacramentoValleyTributaryMonitoring/MiddleSacramentoRiverSalmonandSteelheadMonitoring.aspx

Project protocols for data collection and operating procedures are available to all field staff in electronic form and on paper at the field site.

Storage and Backup

Field data sheets are stored in binders separated by sampling season at the CDFW Region 2 headquarters in Rancho Cordova. Data entered into the CAMP database are stored on portable hard drives and backed up to department servers.

Archiving and Preservation

See Storage and Backup above.

Format

Daily catch updates are entered into Excel spreadsheets (.xlsx, .csv), bi-weekly summaries and annual reports are available as pdfs. Data are stored in the CAMP Access database (.mdb).

Quality Assurance

Field datasheets are QAQC'd after each trap check for completeness and accuracy. Data are entered into the CAMP database and QAQC protocols are followed to ensure data are entered completely and accurately. QAQC protocols are available upon request to project contacts.

Access and Sharing

Daily catch summaries, bi-weekly catch and operations summaries, and annual reports are publicly accessible on the CalFish website. URL: https://www.calfish.org/ProgramsData/ConservationandManagement/CentralValleyMonitoring/SacramentoValleyTributaryMonitoring/MiddleSacramentoRiverSalmonandSteelheadMonitoring.aspx

Data and reports are also available upon request to the project contacts.

Rights and Requirements

This element adheres to all CDFW policies on data quality and sharing. A copy of these policies can be obtained at the URL https://www.wildlife.ca.gov/Science-Institute/Policies-and-Guidelines