

DPR QAPP Equivalent Reference Document

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This document pertains to data from the Department of Pesticide Regulation (DPR) Environmental Monitoring Branch that were assessed for the 2020-2022 Integrated Report. It contains a summary of the quality assurance documents utilized in the monitoring efforts conducted by the DPR's Environmental Monitoring Branch that meet the requirements of Section 6.1.4 of the Listing Policy as equivalent to a Quality Assurance Project Plan (QAPP).

The DPR Environmental Monitoring Branch conducts monitoring of pesticides in urban and agricultural settings. DPR is not required to produce individual QAPPs for each monitoring project, but rather prepares Study Reports that contains quality assurance criteria for each monitoring study and references the use of department-wide Standard Operating Procedures (SOPs) that are utilized, as applicable, by each study.

Reports from the DPR Environmental Monitoring Branch Studies 249, 264, 269, 271, 282, 299, 310 and the SOPs listed below were reviewed by the State Board QA Officer and have been determined to contain the QA/QC elements required by Section 6.1.4 of the Listing Policy to be determined as QAPP equivalent documentation. Data generated from DPR studies listed in this document were used as primary lines of evidence for 2020-2022 Integrated Report decisions.

Study Reports

The DPR Study Report describes the overall objectives of each study, the study area, the land use type, the dates of sampling, the pesticides and other analytes collected, the sample media, and the sampling locations. Additionally, each DPR Study Report details the monitoring study design including the quality assurance and quality control measures to be implemented for each study. Individual DPR studies often span multiple fiscal years, however the DPR Study Reports are typically released each fiscal year. Table 1, below, lists the DPR Study Reports associated with data assessed for the 2020-2022 Integrated Report.

Table 1: DPR Study Reports

DPR Study Number	Report Title
249	Monitoring Urban Pesticide Runoff in California, 2008-2009
264	Monitoring Urban Pesticide Runoff in Northern California, 2009-2010

DPR Study Number	Report Title
269	Further Characterization of Sacramento, California Area Urban Neighborhoods. Addendum for FY 2011-2012
269	Urban Surface Water and Sediment Monitoring in Sacramento and Roseville Areas, 2012-2013
269	Urban Surface Water and Sediment Monitoring in Sacramento and Roseville Areas, 2013-14
269	Ambient and Mitigation Monitoring in Urban Areas in Northern California FY 2014-2015
271	Surface Water Monitoring for Pesticides in Agricultural Areas of California, 2011-2012
282	Pesticides in Surface Water from Agricultural Regions of California, 2013
299	Ambient and Mitigation Monitoring in Urban Areas in Northern California FY 2015-16
299	Ambient and Mitigation Monitoring in Urban Areas in Northern California FY 2016-17
310	Surface Water Monitoring for Pesticides in Northern California Agricultural Areas, 2017

Study Reports for the above listed studies can be downloaded from DPR's webpage:
<https://www.cdpr.ca.gov/docs/emon/pubs/ehapreps.htm>

Standard Operating Procedures (SOPs)

DPR also maintains department-wide Standard Operating Procedures (SOPs) for sample collection and handling, field and laboratory measurement and analysis, data management, validation and recordkeeping, and a description of personnel training, where applicable. Each DPR study is conducted in conformance with the most current, applicable SOP.

Table 2 lists the applicable SOPs for DPR data assessed for the 2020-2022 Integrated Report.

Table 2: SOPs for DPR Data

SOP Number	Title	Effective Date
ADMN001.00	STANDARD OPERATING PROCEDURE Preparing, Approving and Implementing Standard Operating Procedures	7/10/1995
ADMN002.01	STANDARD OPERATING PROCEDURE Personnel Organization and Responsibilities for Studies	7/9/2003

SOP Number	Title	Effective Date
ADMN003.01	STANDARD OPERATING PROCEDURE PREPARING AND APPROVING PROTOCOLS	7/12/2007
ADMN004.00	STANDARD OPERATING PROCEDURE Reviewing Contract Laboratory Methods	8/17/1995
ADMN005.00	STANDARD OPERATING PROCEDURE Archiving Study Data, Records, and Other Documents	3/6/1997
ADMN007.00	STANDARD OPERATING PROCEDURE PREPARING AND APPROVING STUDY MEMORANDA AND REPORTS	7/12/2007
ADMN008.00	STANDARD OPERATING PROCEDURE Methodology for Evaluating Pesticides for Surface Water Protection	3/16/2012
FSWA002.00	STANDARD OPERATING PROCEDURE Conducting Surface Water Monitoring for Pesticides	2/22/1997
QAQC002.00	STANDARD OPERATING PROCEDURE Request for Method Development and the Laboratory Specifications Form	9/6/2002
QAQC003.02	STANDARD OPERATING PROCEDURE SAMPLE TRACKING PROCEDURES	4/18/2005
QAQC004.01	STANDARD OPERATING PROCEDURE Transporting, Packaging and Shipping Samples from the Field to the Warehouse or Laboratory	9/25/1999

The above listed SOPs can be downloaded from DPR's webpage:

<https://www.cdpr.ca.gov/docs/emon/pubs/sop.htm>

Document Applicability

This document applies to DPR Environmental Monitoring Branch data from the abovementioned studies assessed for the 2020-2022 Integrated Report.

Please contact State Board Integrated Report staff at:

wqassessment@waterboards.ca.gov for additional questions about the quality review of DPR Environmental Monitoring Branch data for Integrated Report assessment purposes.