

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 2028 Integrated Report Cycle.

This document 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 does not produce individual QAPPs as part of their quality management system, but rather prepares Study Reports that contain 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.

Study Reports from the DPR Environmental Monitoring Branch Studies and the SOPs listed below were reviewed by staff 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 linesf evidence for 2028 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 2028 Integrated Report.

Table 1

DPR Study Number	Report Title
249	Monitoring Urban Pesticide Runoff in California, 2008-2009
264	Monitoring Urban Pesticide Runoff in Northern California, 2009-2010
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
270	Urban Monitoring in Southern California Watersheds FY 2011-2014
271 & 278	Surface Water Monitoring for Pesticides in Agricultural Areas of California, 2011-2012
282	Pesticides in Surface Water from Agricultural Regions of California, 2013
290	Pesticides in Surface Water from Agricultural Regions of California 2014
297	Surface Water Monitoring for Pesticides in Agricultural Areas of California, 2015
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
304	Surface Water Monitoring for Pesticides in Agricultural Areas of California, 2016
306	Surface Water Monitoring for Pesticides in Agricultural Areas of Northern California, 2016
310	Surface Water Monitoring for Pesticides in Northern California Agricultural Areas, 2017
2013	Methodology for Prioritizing Pesticides for Surface Water Monitoring in Agricultural and Urban Areas, 2013

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 below lists the applicable SOPs for DPR data assessed for the 2028 Integrated Report.

Table 2

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
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
ADMN006.02	STANDARD OPERATING PROCEDURE Creating and Completing a Chain of Custody Record	8/27/2021
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
FSPA002.00	STANDARD OPERATING PROCEDURE Conducting Surface Water Monitoring for Pesticides	2/22/1997
QAQC001.01	STANDARD OPERATING PROCEDURE Chemistry Laboratory Quality Control	10/4/2019
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

EMON-SM-05-052	Determination of Seven Neonicotinoids in Surface Water by Liquid Chromatography Triple Quadrupole Mass Spectrometry	8/22/2022
EMON-8EMON-SM-05-022 Rev3	Determination of Pyrethroids in Sediment Water Using Triple Quadrupole GC/MS/MS	11/05/2019
EMON-SM-05-054_Final	Determination of 68 Pesticides in Surface Water by Liquid Chromatography Tandem Mass Spectrometry and Gas Chromatography Tandem Mass Spectrometry	2/22/23

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 is current as of the 2028 Integrated Report cycle and applies to DPR Environmental Monitoring Branch data from the abovementioned studies assessed for the 2028 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.