

- c. In tabular format, all monitoring data and information obtained over time, including field-measured and laboratory analytical results<sup>14</sup>.
- d. Calculations of pollutant loading, including equations used in the calculation.
- e. Photographs of monitoring sites/test plots, including labels indicating photograph location and date.

#### **Section D. Third-Party Alternative Compliance Pathway for Groundwater Protection**

This section contains monitoring and reporting requirements associated with the development and implementation of the third-party alternative compliance pathway program for groundwater protection and the effectiveness assessment and evaluation outlined in **Order, Part 2, Section C.2**.

1. Members in good standing with the third-party alternative compliance pathway program are referred to as “participating Dischargers.”
2. An approved third-party alternative compliance pathway program administrator, on behalf of its participating Dischargers, must develop and submit incremental draft and final work plans by the timeframes specified below.
  - a. Submit the **first draft (35%) work plan** within 24 months of Order adoption.
  - b. Submit the **second draft (70%) work plan** within 18 months of a first draft work plan conditional approval by the Executive Officer.
  - c. Submit the **final (100%) work plan** within 10 months of a second draft work plan conditional approval by the Executive Officer.
3. The **first draft (35%) work plan** must include the following, at a minimum:
  - a. Proposed groundwater protection (GWP) areas and supporting scientific justification,
  - b. Proposed GWP formulas, objectives, and supporting scientific justification,
  - c. GWP value methodology and objectives,
  - d. GWP target methodology and objectives,
  - e. Follow-up action and consequence concepts if targets are not achieved, and
  - f. Assessment and evaluation program outline, methodology, and objectives.
4. The **second draft (70%) work plan** must include the following, at a minimum:
  - a. Conditionally approved GWP areas,

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<sup>14</sup> Chain-of-custody forms do not need to be submitted but must be made available to Central Coast Water Board staff upon request.

- b. Conditionally approved GWP formulas,
  - c. Proposed GWP values, objectives, and supporting scientific justification,
  - d. Proposed GWP targets and supporting scientific justification,
  - e. Proposed follow-up actions and consequences if targets are not achieved, and
  - f. Draft assessment and evaluation program and associated objectives and rationale.
5. The **final (100%) work plan** must include the following, at a minimum:
- a. Conditionally approved GWP areas,
  - b. Conditionally approved GWP formulas,
  - c. Conditionally approved GWP values,
  - d. Conditionally approved GWP targets,
  - e. Conditionally approved follow-up actions and consequences if targets are not achieved, and
  - f. Final assessment and evaluation program.

### **Monitoring and Reporting**

6. Participating Dischargers must submit ACF, TNA, and INMP Summary information according to requirements outlined in the **Order, Part 2, Section C.1** and as described in this MRP in **Section B**.
7. Participating Dischargers must submit Groundwater Monitoring and Reporting information according to requirements outlined in the **Order, Part 2, Section C.1** and as described in this MRP in **Section C**.
8. Participating Dischargers are not required to conduct ranch-level groundwater discharge monitoring and reporting.

### **Section E. Surface Water Monitoring and Reporting**

This section contains three types of monitoring and reporting related to surface water quality: **Surface Receiving Water Quality Trends** and **Follow-Up Surface Receiving Water Implementation** that are required of all Dischargers and **Ranch-Level Surface Discharge** that must be completed when required by the Executive Officer.

#### **Surface Receiving Water Quality Trends**

1. Surface receiving water refers to water flowing in creeks and other surface waters of the state. Surface receiving water monitoring and reporting must be conducted through either a monitoring program on behalf of Dischargers, or Dischargers may choose to conduct surface receiving water monitoring and reporting individually. Key monitoring and reporting requirements for surface receiving water monitoring are shown in **Table MRP-9** and **Table MRP-10**.

**Tables related to Monitoring and Reporting Requirements**

**Tables related to Section B: Irrigation and Nutrient Management Plan Monitoring and Reporting Requirements**

**Table MRP-1. Comparison of TNA and INMP Summary Monitoring and Reporting**

Required Information	TNA Monitoring & Reporting	INMP Monitoring & Reporting
Nitrogen applied	X	X
Nitrogen removed		X
Irrigation management information	X	X

**Table MRP-2. Monitoring and Reporting Schedule for Irrigation and Nutrient Management**

Ranches	TNA <sup>1</sup> Monitoring Period <sup>2</sup>	TNA Report Due March 1	Annual INMP <sup>3</sup> Monitoring Period <sup>2</sup>	Annual INMP Summary Report Due March 1
Required per Ag Order 3.0	2021 2022	2022 2023	-	-
Groundwater Phase Area 1 <sup>4</sup>	-	-	Beginning 2023	Beginning 2024
Groundwater Phase Area 2	2023 2024	2024 2025	Beginning 2025	Beginning 2026
Groundwater Phase Area 3	2023 2024 2025 2026	2024 2025 2026 2027	Beginning 2027	Beginning 2028

<sup>1</sup> Only the primary irrigation well must be monitored for TNA monitoring and reporting.

<sup>2</sup> Monitoring period = calendar year (Jan. 1 – Dec. 31).

<sup>3</sup> All irrigation wells must be monitored for INMP monitoring and INMP Summary reporting.

<sup>4</sup> Dischargers in Groundwater Phase 1 areas are not required to submit a stand-alone TNA report; rather, due to the prioritization of Phase 1 areas, Dischargers in portions of the Gilroy-Hollister Valley (Llagas Area) groundwater basin, the Forebay Aquifer and Upper Valley subbasins of the Salinas Valley basin, the Santa Maria area of the Santa Maria River Valley basin, and the Santa Ynez River Valley basin must conduct the expanded nitrogen applied and removed monitoring and reporting associated with INMP Summary reporting before Dischargers in Groundwater Phase areas 2 and 3.