
ATTACHMENT B – DOCUMENT CONTENTS

I. IID-ICFB Coalition Group Document Contents

A. Annual Monitoring Report

1. Title page
2. Table of contents
3. IID Surface Water Quality Monitoring
 - a. Summary of surface waters monitoring objectives
 - b. Description of surface waters sampling sites, including name/ID and location
 - c. Location map of sampling sites
 - d. Tabulated results of surface water analyses
 - e. Sampling and analytical methods used
 - f. Copy of chain of custody forms
 - g. Associated laboratory and field quality control samples results
 - h. Summary of precision and accuracy
 - i. Data interpretation, including assessment of data quality objectives, trends, and compliance with applicable TMDL requirements
 - j. Conclusions and recommendations
4. ICFB Farms WQMPs and Program Management
 - a. Summary of water quality threats, problems, and improvements
 - b. Number of members enrolled in the Coalition Group
 - c. Identification of members (i.e., farmers/operators) enrolled, including their name and mailing address; and their farmed acreage, and farm ownership
 - d. Total acreage enrolled
 - e. Number of members in good standing
 - f. Total number of WQMPs filed for the reporting period
 - g. Number of members who filed complete WQMPs
 - h. Summary of management practices used on the farm(s), by crop, location, and/or season/date as appropriate
 - i. Summary of effectiveness of Management Practices
 - j. Summary of outreach and educational events conducted during the year, including type of event, main topic(s) discussed, presenter(s), location, date, and number of participants
 - k. Summary of actions taken to address water quality impacts identified, including but not limited to, revised or additional management practices to be implemented, meetings with stakeholders to prevent and address problems
 - l. Summary of on-farm visits by ICFB TMDL/Waiver technical expert, including date, location, and issue(s) addressed
 - m. Summary of actions take to comply with any TMDL requirements (only when applicable)
 - n. Conclusions and recommendations

B. IID Drain Water Quality Improvement Plan (DWQIP)

1. A description of the drainage system, including problematic areas
2. Description of drain cleaning and maintenance activities, including:
 - a. criteria to be used to determine the mechanism(s) to be used to clean and/or maintain a particular drain, and an organizational chart identifying the key-decision makers for implementing said criteria and their contact information; and
 - b. proposed or exiting MPs to avoid impacts on sensitive resources
3. Description of the monitoring protocols to be used to:
 - a. assess effectiveness of MPs; and
 - b. track overall efficacy of criteria used to determine the means used to clean and/or maintain the drains
4. Proposed protocols for tracking and reporting the drains that are cleaned/maintained, the date(s) when maintenance/cleaning took place, an estimate of the total miles of drains maintained/cleaned, and the means used for cleaning and maintaining the drain (e.g., excavator, pesticide application, biological cover, etc.).

C. IID Surface Water Monitoring and Reporting Program (SWMRP)

1. Description of the drainshed areas to be monitored and their key features, including major tributary drains and problematic areas (e.g., areas with drains prone to unusual erosion)
2. Description of receiving waters, including key hydrologic features (e.g., drop structures, seasonal flow, problem areas/segments, etc.)
3. Proposed water quality monitoring program for receiving waters, including sampling locations for the Alamo and New Rivers and a representative number of major and minor drains, sampling frequency, constituents and impairments of concern (i.e., nutrients, pesticides, silt, toxicity, selenium), baseline constituents (TDS, temperature, dissolved oxygen, pH), analytical methods, and results
4. Proposed reporting program to determine overall effectiveness of drain MPs and overall water quality improvements and problematic areas
5. Description of compliance with applicable TMDL requirements

II. Individual Program Document Contents

A. Annual Monitoring Report Contents

1. Title page
2. Table of contents
3. Description of the farm(s), including ownership, operator, acreage, location, crop(s), and irrigation method(s)
4. Assessment of water quality threat/problems
5. Location of discharge point(s) and type of discharge(s) (i.e., surface and/or subsurface discharges)
6. Name of receiving water(s)
7. Summary of management practices used on the farm(s), by crop, location, and/or season/date as appropriate

8. Summary of effectiveness of Management Practices, including description of the method(s) used to monitor and determine their effectiveness
9. Surface water(s) sampling site descriptions
10. Location map of sampling sites (scale 1" = 200' or better)
11. Tabulated surface water analyses, including sampling site, date sampled, constituent of concern (i.e., nutrients, pesticides, silt, and selenium), baseline constituents (TDS, temperature, dissolved oxygen, pH) and results
12. Description of sampling and analytical methods used
13. Copy of chain of custody forms
14. Associated laboratory and field quality control samples results
15. Summary of precision and accuracy
16. Data interpretation including assessment of data quality objectives, compliance with this Waiver and applicable TMDLs
17. Actions taken to address water quality impacts identified, including but not limited to, revised or additional management practices to be implemented
18. Actions taken to comply with applicable TMDL requirements
19. Conclusions and recommendations

B. Drain Water Quality Improvement Plan (If farm's drain is not operated and maintained by IID)

1. A description of the drainage system, including problematic areas
2. Description of drain cleaning and maintenance activities and proposed or existing MPs to avoid impacts on sensitive resources
3. Description of the mechanism(s) used to assess effectiveness of MPs
4. Identification of the drains cleaned/maintained, the date(s) when maintenance/cleaning took place, an estimate of the total length (in feet) of drain(s) maintained/cleaned, and the means used for cleaning and maintaining the drain (e.g., excavator, pesticide application, biological cover, etc.).

C. Drain Monitoring and Reporting Program (Drain MRP)

To be determined by the responsible party. At a minimum, the Drain MRP shall include proposed sampling of drain water up and down stream of randomly selected maintenance operations (Note: this sampling information may be included in the Individual MRP instead.)

D. Monitoring and Reporting Program (MRP) Contents:

1. Description of the farm's subsurface drainage collection system, including age and condition of tailwater box, tailwater ditch, number of tile lines (if applicable), condition of discharge pipe(s)
2. Location of discharge point(s) and type of discharge(s) (surface and/or subsurface discharges)

3. Receiving water(s)
4. Assessment of water quality threat/problems
5. Existing and/or alternative MPs to address/prevent water quality problems and ensure compliance with Basin Plan WQS
6. Proposed water quality monitoring program for receiving waters, including sampling locations for the Alamo and New Rivers and a representative number of major and minor drains, sampling frequency, constituents and impairments of concern (i.e., nutrients, pesticides, silt, toxicity, selenium), baseline constituents (TDS, temperature, dissolved oxygen, pH), analytical methods, and results
7. Proposed reporting program to determine effectiveness of WQMP
8. Description of compliance with applicable TMDL requirements

III. Other Coalition Group's Program Document Contents

A. Annual Monitoring Report

1. Description of Coalition Group
 - a. Name, officers, address, and phone number
 - b. If incorporated, type of corporation
2. Title page
3. Table of contents
4. Surface Water Quality Monitoring
 - a. Surface Waters Monitoring objectives
 - b. Surface waters sampling site descriptions, including name and location
 - c. Location map of sampling sites
 - d. Tabulated results of surface water analyses
 - e. Sampling and analytical methods used
 - f. Copy of chain of custody forms
 - g. Associated laboratory and field quality control samples results
 - h. Summary of precision and accuracy
 - i. Data interpretation, including assessment of data quality objectives, trends, and compliance with applicable TMDL requirements
 - j. Conclusions and recommendations
5. Farms WQMPs, Program and Coalition Group Management
 - a. Summary of water quality threats, problems, and improvements
 - b. Number of members enrolled in the Coalition Group
 - c. Identification of members (i.e., farmers/operators) enrolled, including their name and mailing address; and their farmed acreage, and farm ownership
 - d. Total acreage enrolled in Coalition Group
 - e. Number of members in good standing
 - f. Total number of WQMPs filed for the reporting period
 - g. Number of members who filed complete WQMPs
 - h. Summary of management practices used on the farm(s), by crop, location, and/or season/date as appropriate
 - i. Summary of effectiveness of Management Practices

- j. Summary of outreach and educational events conducted during the year, including type of event, main topic(s) discussed, presenter(s), location, date, and number of participants
- k. Summary of actions taken to address water quality impacts identified, including but not limited to, revised or additional management practices to be implemented, meetings with stakeholders to prevent and address problems
- l. Summary of actions take to comply with any TMDL requirements (only when applicable)
- m. Conclusions and recommendations

B. Surface Water Monitoring and Reporting Program

- 1. Description of the Coalition’s farmed areas and their key features, including a map showing the location and boundaries of the areas covered by the Coalition and showing the receiving drains and river(s)
- 2. Description of receiving waters, including key hydrologic features (e.g., drop structures, seasonal flow, problem areas/segments, etc.)
- 3. Proposed water quality monitoring program for receiving waters, including sampling locations for the Alamo and New Rivers and a representative number of major and minor drains, sampling frequency, constituents and impairments of concern (i.e., nutrients, pesticides, silt, toxicity, selenium), baseline constituents (TDS, temperature, dissolved oxygen, pH), analytical methods, and results
- 4. Proposed reporting program to determine overall effectiveness of WQMP and farm MPs
- 5. Description of compliance with any TMDL requirements

IV. QAPP contents:

All designated management entities of Compliance Programs shall prepare, maintain, and implement a Quality Assurance Project Plan (QAPP) in accordance with the State Water Board’s Surface Water Ambient Monitoring Program’s (SWAMP) QAPP and data reporting requirements, and the USEPA QAPP, EPA AQ/R5, 3/01. Water quality monitoring data includes physical, chemical, and biological monitoring of any surface water. Electronic submittal of data collected in accordance with SWAMP shall be required. The QAPP shall be submitted to the designated Regional Water Board Staff for their subsequent submittal to the State or Regional Water Board’s Quality Assurance (QA) Officer for review and approval. No sampling or monitoring activities may be implemented prior to the QA Officer’s approval.

V. Water Quality Management Plan (WQMP) contents:

- 1. Name of farmland owner, business address, mailing address, phone number (as of a set cutoff date) and Assessor Parcel Numbers (APNs). In lieu of the APN, and subject to the approval of the Executive Officer, the farmer may submit an alternative identification

- number system to track every parcel of irrigated land covered under the Coalition Group's Compliance Program so long as the alternative identification system allows for identifying the physical location of the parcel, its acreage, and its Responsible Parties.
2. Name of farm grower, business address, mailing address, and phone number (if different from above) (as of a set cutoff date),
 3. Location of farm (using the IID canal and gate number) and the acreage under cultivation for each parcel.
 4. Crop(s) grown for the annual cycle
 5. Irrigation methods for each crop
 6. Chemicals (pesticides, fertilizers, etc.) commonly applied in a manner that may result in the material coming in contact with agricultural discharges
 7. Management Practices(MPs) used on each crop for the annual cycle
 8. Location of discharge point(s) (e.g., name of receiving drain) and type of discharge(s), (surface and/or subsurface discharges)

Copies of all field documentation and laboratory original data must be included in the annual monitoring report as attachments. The AMR should also provide a perspective of the field conditions including a description of the weather, rainfall, temperature, drain flow, color of the water, odor, and other relevant information that can help in data interpretation.

In reporting monitoring data, the data shall be arranged in tabular form so that the required information is readily discernible. The data shall be summarized in such a manner to clearly illustrate compliance with the conditions of this Waiver.

A transmittal letter shall accompany each report. This letter shall include a discussion of any issues or data that indicate noncompliance with the terms of the Conditional Waiver during the reporting period, and actions taken or planned for correcting the noncompliance, such as operational, field or facility modifications, and any proposed changes/additions to the monitoring program. Any proposed changes/additions to the monitoring program must be approved by the Executive Officer. The transmittal letter shall be signed and contain a penalty of perjury statement by the individual or group representative. Any proposed changes to the approved Compliance Program or the approved MRP must be approved by the Executive Officer.