

Rice WDR Farm Evaluation Web Application

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California Rice Commission
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Waste Discharge Requirement Orders

- New water quality regulation
 - Moved ILRP from conditional to permanent program
 - Implemented as Waste Discharge Requirement (WDR) Order
 - ILRP monitoring 10 years
 - WDR development 5-7 years
 - Separate from recently passed groundwater legislation
- WDR Orders
 - Similar to a permit
 - Surface and groundwater monitoring
- Rice WDR
 - Commodity specific
 - Adopted March 27, 2014

Rice is not exempt

- No coalition, commodity, grower, or landowner is exempt
- Rice has a lesser program
- Long, positive history of water quality monitoring
- Groundwater Assessment Report
 - No vulnerability
 - No Nitrogen Budgets
 - Nitrogen Management Plans 2016
 - No Sediment Plans
 - Groundwater trend monitoring in 2016
- Farm Evaluation starts 2015

Rice WDR Farm Evaluation Basics

- No coalition sign-up
 - Includes organic and seed rice in Sac Valley
- No membership list
- No APN parcel numbers
- Reporting by township
 - CRC provides spatial overview in summary report
- Requirement to fill-in and submit the Farm Evaluation
 - Regional water board jurisdiction
- Annual reporting reevaluated in 2018

Link to Farm Evaluation on Calricenews.org site



CALIFORNIA RICE NEWS



Waste Discharge Requirements | Farm Bill | Conservation | Air Quality | News

Waste Discharge Requirements



Member Resources

- CALENDAR
- ROSTERS
- ASSESSMENT & AUDITING
- FPPA REQUIREMENTS
- GALLERY

Farm Evaluation

Grower Tools

KELLEHER TOOL

Decision Tool Spreadsheet (xls)

Decision Tool Instructions (pdf)

TEXAS A&M TOOL

Texas A&M Grower Farm Bill Tool

Rice News Archives

News By Category

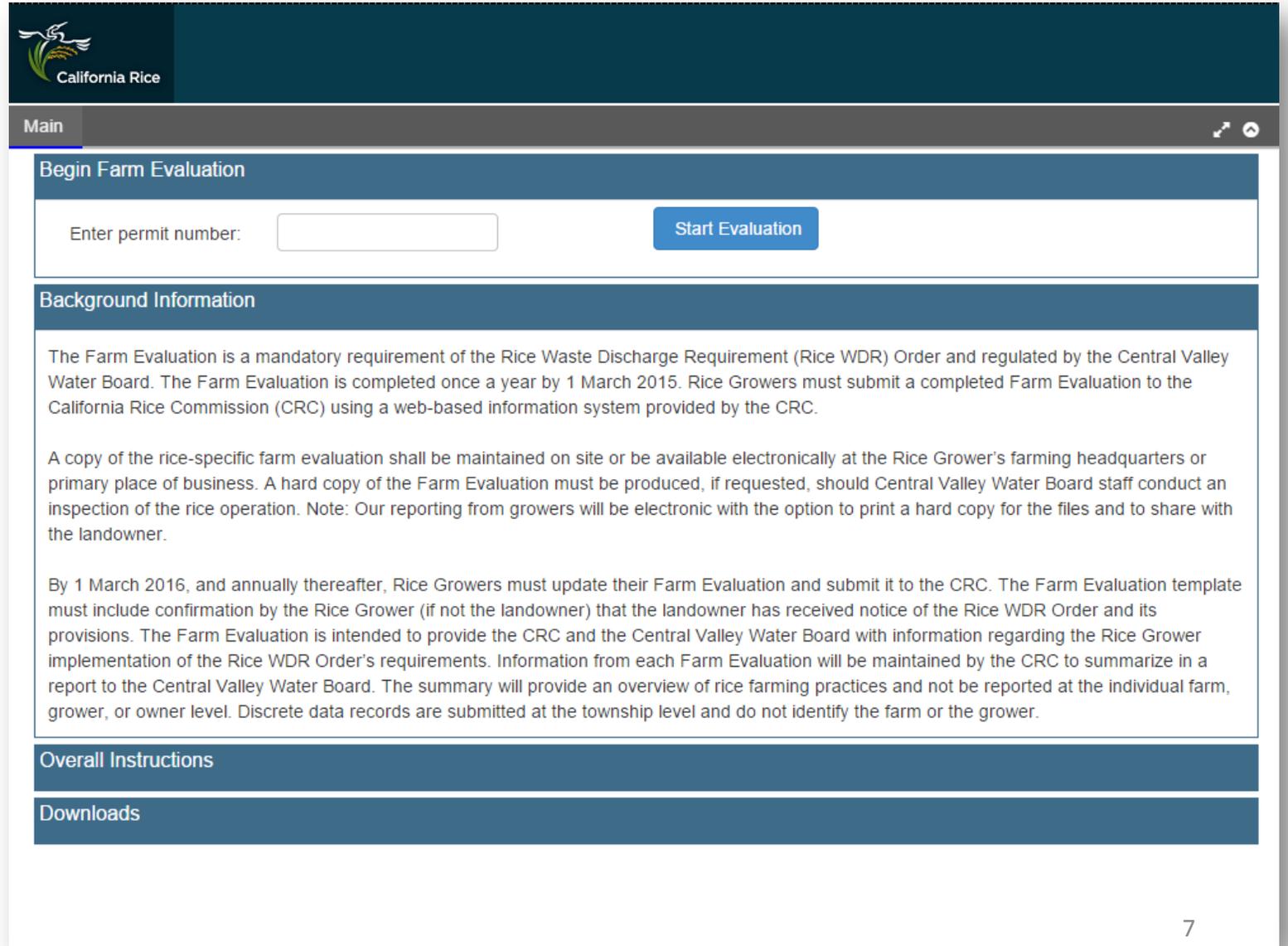
- AIR QUALITY
- CLIMATE CHANGE

Rice Farm Evaluation: Web Application User Procedure

- Main Page
 - Start Farm Evaluation (enter pesticide use permit #)
 - Background information
 - Instructions and downloads
- Start Farm Evaluation
 1. Landowner Notification Acknowledgement
 2. Field Specific Information
 - Rice Acreage
 - Farm Management Practices
 3. Whole Rice Farm Information
 - Locations where water is leaving property
 - Well Information Table
 - Farm Map
 4. Farm Evaluation Summary (review, download, submit)

Main Page

- Begin Farm Evaluation
- Background Information
- Overall Instructions
- Downloads/Links
- (note: the main page will have a slightly different layout when the website gets deployed)



The screenshot shows the main page of the California Rice website. At the top left is the California Rice logo, which features a stylized bird and rice stalks. Below the logo is a dark blue navigation bar with the word "Main" highlighted. The main content area is divided into several sections:

- Begin Farm Evaluation:** This section contains a form with a label "Enter permit number:" followed by a text input field and a blue button labeled "Start Evaluation".
- Background Information:** This section contains two paragraphs of text. The first paragraph states: "The Farm Evaluation is a mandatory requirement of the Rice Waste Discharge Requirement (Rice WDR) Order and regulated by the Central Valley Water Board. The Farm Evaluation is completed once a year by 1 March 2015. Rice Growers must submit a completed Farm Evaluation to the California Rice Commission (CRC) using a web-based information system provided by the CRC." The second paragraph states: "A copy of the rice-specific farm evaluation shall be maintained on site or be available electronically at the Rice Grower's farming headquarters or primary place of business. A hard copy of the Farm Evaluation must be produced, if requested, should Central Valley Water Board staff conduct an inspection of the rice operation. Note: Our reporting from growers will be electronic with the option to print a hard copy for the files and to share with the landowner."
- Overall Instructions:** This section contains a paragraph of text: "By 1 March 2016, and annually thereafter, Rice Growers must update their Farm Evaluation and submit it to the CRC. The Farm Evaluation template must include confirmation by the Rice Grower (if not the landowner) that the landowner has received notice of the Rice WDR Order and its provisions. The Farm Evaluation is intended to provide the CRC and the Central Valley Water Board with information regarding the Rice Grower implementation of the Rice WDR Order's requirements. Information from each Farm Evaluation will be maintained by the CRC to summarize in a report to the Central Valley Water Board. The summary will provide an overview of rice farming practices and not be reported at the individual farm, grower, or owner level. Discrete data records are submitted at the township level and do not identify the farm or the grower."
- Downloads/Links:** This section is currently empty.

Landowner Notification Acknowledgement

- Enter Landowner Rice WDR Acknowledgement
- Click Save or Next Tab when finished
- Click Next Tab to move to Field Evaluations Tab

Main

Landowner Acknowledgement | Field Evaluations | Locations Water Leaving Property | Well Information Table | Farm Map | Summary

Name of Permittee, Permit Number

Landowner Rice WDR Acknowledgement

Acknowledgement by the Grower, that the landowner (if different from Grower) has been notified of the provisions in the Order and of the joint responsibility for complying with the terms and conditions of the Order.

Is the landowner aware of the provisions of the Rice WDR Order?

Does the landowner have a copy of the Rice WDR Order?

Downloads

Click [here](#) to download a template landowner notification letter.

A copy of the Rice WDR Order can be downloaded [here](#).

Note

It is required that the landowner and the grower, if not the same person, keep a copy of the Rice WDR Order on file.

Field Evaluations > Rice Acreage

- Information specific to each field
- Fields List
 - List of fields associated with current user
 - If field missing, provide feedback
 - Select field(s) to edit
- Rice Acreage
 - Auto-populated from CAC Permit data
- Click Next Tab to move to Farm Management Practices

Main

Landowner Acknowledgement Field Evaluations Locations Water Leaving Property Well Information Table Farm Map Summary

Missing Fields

Missing Fields?

Description:

Name of Permittee, Permit Number

Select All Clear All

Field ID: 4-12
County: Sutter - MTRS: M11N04E21

Field ID: 4-11
County: Sutter - MTRS: M11N04E22

Field ID: 4-10
County: Sutter - MTRS: M11N04E22

Field ID: 4-1
County: Sutter - MTRS: M11N04E16

Field ID: 3-H62
County: Sutter - MTRS: M12N03E11

Field ID: 3-H61
County: Sutter - MTRS: M12N03E10

Field ID: 3-H59
County: Sutter - MTRS: M12N03E02

Field ID: 3-H58
County: Sutter - MTRS: M12N03E03

Field ID: 3-H52
County: Sutter - MTRS: M12N03E03

Current Field ID: 4-12

Rice Acreage Farm Management Practices

Rice acreage grown (acres):

Was this field traditionally planted to rice, but no rice crop grown in 2014?

Do you rotate your rice crop with other crops?

What other crop(s) are grown on your field:

Percent of farm planted with another crop:

Frequency of rotation into or out of rice:

Land taken out of production (permanent crop, development, etc.):

Save Current Field Save All Selected Fields Next Field Tab

Field Evaluations > Farm Management Practices

- Information specific to each field
- Fields List
 - List of fields associated with current user
 - Select field(s) to edit
- Farm Management Practices
 - Regulatory – check all that apply
 - Voluntary – check all that apply
- Click Next Tab to move to Locations of Water Leaving Property

The screenshot shows a web application interface for field evaluations. The main navigation bar includes tabs for Landowner Acknowledgement, Field Evaluations (selected), Locations Water Leaving Property, Well Information Table, Farm Map, and Summary. The current field ID is 4-12. The interface is divided into two main sections: 'Missing Fields' and 'Farm Management Practices'.

Missing Fields: A section with a checkbox for 'Missing Fields?' and a text input for 'Description:'. Below this is a table listing fields with columns for 'Name of Permittee, Permit Number', 'Field ID', and 'County'. The table includes fields 4-12, 4-11, 4-10, 4-1, 3-H62, 3-H61, 3-H59, 3-H58, and 3-H52. Buttons for 'Select All' and 'Clear All' are present.

Farm Management Practices: A section for 'Current Field ID: 4-12' with sub-tabs for 'Rice Acreage' and 'Farm Management Practices'. It contains a descriptive paragraph and two columns of practices with checkboxes:

- Regulatory Farm Management Practices (check all that apply):**
 - Follow Label Restrictions
 - Follow County Permit Conditions
 - Waterholding Requirements
 - Monitor Wind Conditions
 - Use Appropriate Buffer Zones
 - Attend Mandatory Trainings
 - Use Low Drift Nozzles
 - Use PCA Recommendations
 - End of Row Shutoff When Spraying
 - Avoid Surface Water When Spraying
 - Compliance with PPE
 - Use Drift Control Agents
 - Provide Employee Safety Training
- Voluntary Farm Management Practices (check all that apply):**
 - Land Leveling/ Precision Technology
 - Utilize Tailwater Return
 - Utilize Peripheral Drains
 - Monitor Rain Forecasts
 - Crop Rotation (organic)
 - Cover Cropping (organic)
 - Strip Cropping (organic)
 - Compacting Levees
 - Variable timing of water release (Pre-field prep)
 - Variable timing of water release (Pre-harvest)
 - Slow release of water from fields
 - Crop Rotation (non-organic)
 - Voluntary Trainings (Spray Safe, etc.)

At the bottom right, there are buttons for 'Save Current Field', 'Save All Selected Fields', and 'Next Tab'.

Locations of Water Leaving Property

- Enter information about locations where water is leaving the property
- Click Save when finished
- Click Next Tab to go to Well Information Table

Main

Landowner Acknowledgement Field Evaluations **Locations Water Leaving Property** Well Information Table Farm Map Summary

Name of Permittee, Permit Number

Identification

Identification of whether or not water leaves the property, and where water leaves the property as well as identifying drainage ditches where water is discharged.

Does water leave the property?

If yes, I have marked this information on my farm map.

Which of these locations does the water leaving your property drain to? (see map for location ID)

Optional: which Water District does the water leaving your property drain to?

Attachment A to Order R5-2014-0032
Sacramento Valley Rice Growers
Information Sheet 14

Figure 4: CRC Surface Water Monitoring Sites

Legend

- CWFR Assessment Sites
- CWFR & RPP Core Sites
- RPP River Site

MONITORING SITES
RICE PESTICIDES PROGRAM
CALIFORNIA RICE COMMISSION

March 2014

Save Next Tab

Well Information Table

- Enter all wells associated with current Permit Number
- Add new wells
- Edit well information
- Click Save when finished
- Click Next Tab to go to Farm Map page

The screenshot displays a web application interface with a 'Main' header and several navigation tabs: 'Landowner Acknowledgement', 'Field Evaluations', 'Well Information Table', 'Farm Map', and 'Summary'. The 'Well Information Table' tab is active, showing a table with one record. An 'Edit' modal is open over the table, allowing for data modification.

Table Data:

Id	Permit N...	Well Id	Ground S...
0	5104213	0	No

Edit Modal Fields:

- Id: 0
- Permit Number: 5104213
- Well Id: 0
- Ground Sloped Away: No
- Standing Water Avoided: No
- Good Housekeeping Practices: No
- Air Gap: No
- Backflow Prevention Check Valve: No
- Year Abandoned: 2014
- Destroyed Description: (empty)

Buttons: Update, Cancel, Save, Next Tab

Farm Map

- Review Farm Map instructions
- Verify that Farm Map has been completed:
 - Location of well(s)
 - Abandoned well(s)
 - Water discharge point
- Note: Farm Maps are kept on the Farm
- Click Next Tab to go to Summary Page

Main

Landowner Acknowledgement Field Evaluations Locations Water Leaving Property Well Information Table **Farm Map** Summary

Name of Permittee, Permit Number

The farm map is to be kept on site (hard copy) – it does not need to be submitted with this Farm Evaluation. It is required to be produced during an inspection by Central Valley Regional Water Quality Control Board staff.

The farm map identifies water leaving the property and wells on the property. Use the same well ID on the map as the one listed in the table, to be able to link the well information to the well location.

There are several types of acceptable maps you can use for this requirement:

1. Use an existing farm map to label the requested information
2. Use a Google screenshot of your farm and label the information electronically before printing

Clearly mark your map with the following:

X – In use well locations (include well ID)
A – Known abandoned well locations (include well ID)
DP – Off-farm surface water discharge point

I have filled out my farm map. Yes

Save Next Tab

Summary

- Review Status
 - Green (complete)
 - Red (Still to do)
 - Click on section to visit/review
- Download PDF to Print
- Submit Final Evaluation
 - Messages
 - Incomplete: not ready to submit
 - Submitted: read-only
- Certification and signature
- All data saved into CRC database for future reporting to Regional Board



Main

Landowner Acknowledgement Field Evaluations Locations Water Leaving Property Well Information Table Farm Map Summary

Name of Permittee, Permit Number

Review Status

Completed sections of the evaluation are colored green. Still to complete portions are colored red. Click on a section to edit it.

- Landowner Rice WDR Acknowledgement
- Field Evaluations
- Well Information Table
- Locations Water Leaving Property
- Farm Map

Output

Create a copy of the current survey for editing or reference.

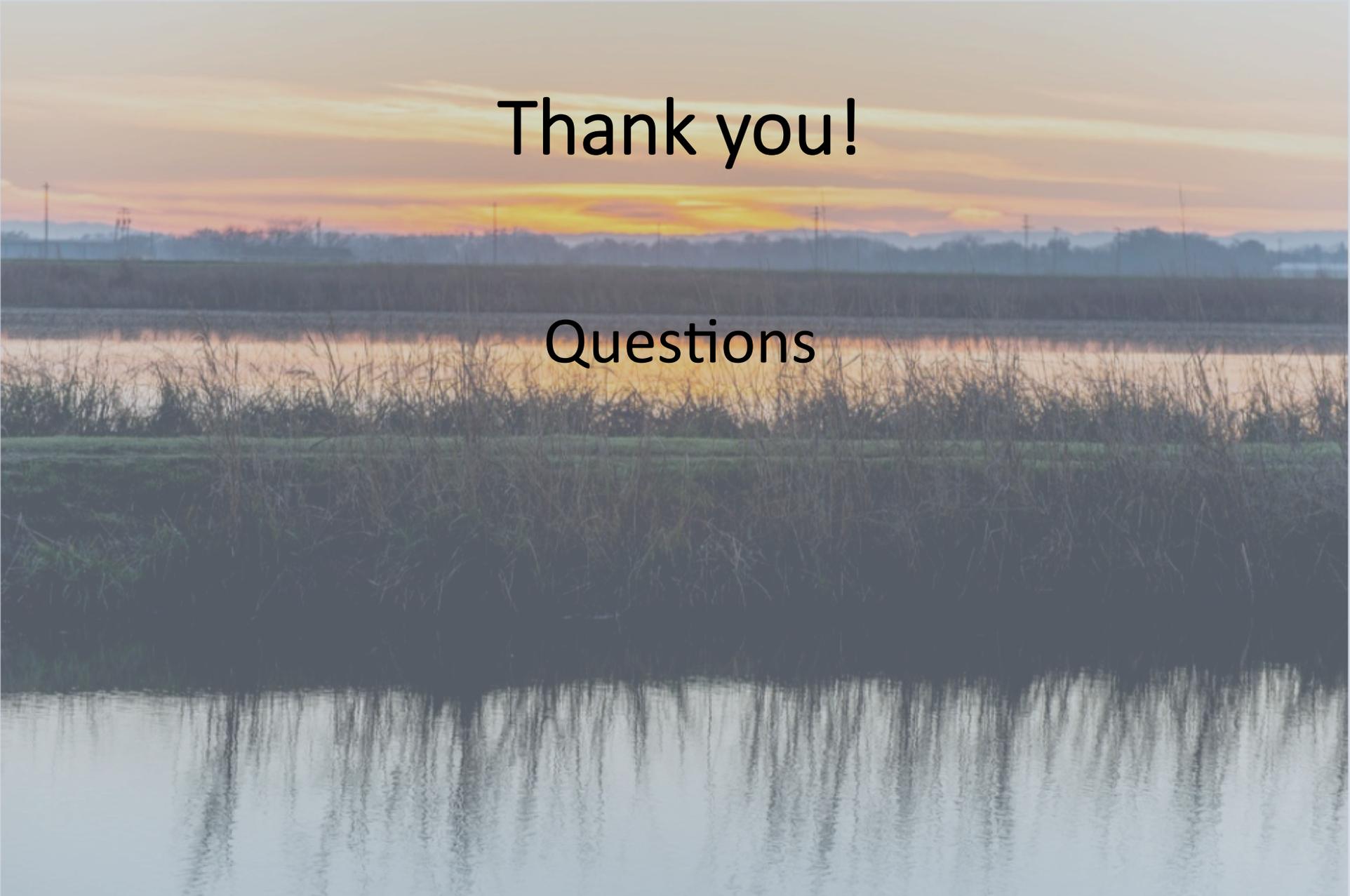
Have you downloaded and/or printed a copy for your records?

Yes

Print Download a PDF Submit Final Evaluation

Details to remember

- www.calricenews.org
 - Farm Evaluation button
 - CRC will notify when live
- Farm Evaluations due March 1, 2015
 - CRC will accept through the end of March
- Use rice crop info from 2014
- Nitrogen Management Plans 2016
- Keep file on Farm: Rice WDR, Landowner Notification, Map(s) and signed Farm Evaluation



Thank you!

Questions