

**STATE OF CALIFORNIA  
REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL COAST REGION**

**STAFF REPORT FOR REGULAR MEETING OF MARCH 17-18, 2016**  
Prepared February 12, 2016

**ITEM NUMBER: 20**

**SUBJECT: Irrigated Lands Regulatory Program: Total Nitrogen Applied Data Summary**

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**KEY INFORMATION**

Location: Region Wide  
Type of Discharge: Irrigated Lands  
Existing Orders: Order No. R3-2012-0001

**THIS ACTION: Informational**

This is an informational item to update the Central Coast Water Board regarding the total nitrogen applied reporting requirement contained in the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands (Agricultural Order) and associated monitoring and reporting programs.

The Annual Compliance Form must be completed and kept current for all Tier 2 and Tier 3 ranches. Section C of the Annual Compliance Form contains the Groundwater Nitrate Loading Risk Determination. The risk determination of low, medium, or high is based on variables such as crop type, nitrate concentration in irrigation water, irrigation type, and soil type.

Tier 2 and 3 ranches with a high risk of loading nitrogen to groundwater are required to submit a total nitrogen applied report annually by October 1. The first total nitrogen applied reports were due on October 1, 2014. Growers report the total nitrogen applied in fertilizers and amendments by crop in units of pounds/acre. Growers also report the nitrogen applied in irrigation water, average nitrate concentration in irrigation water, and nitrogen content in the soil.

Staff now has two years of data. Staff will provide a PowerPoint presentation summarizing the requirement, compliance with the requirement, data received, and discussion points on using this information to further implement the Agricultural Order.