

ITEM: 10

SUBJECT: Ardagh Glass Inc., Air Liquide Industrial U.S. Limited Partnership, and Strategic Materials Inc., Glass Facility, Madera County

BOARD ACTION: *Consideration of Waste Discharge Requirements*

BACKGROUND: Waste Discharge Requirements (WDRs) Order 85-314 prescribes requirements for a glass manufacturing facility (Glass Facility) at 24441 Avenue 12 in Madera, California. Order 85-314 allows a monthly average flow of 0.39 million gallons per day of domestic wastewater generated from an onsite package treatment facility and industrial wastewater generated from the quenching operation of the glass manufacturing process along with contact and non-contact cooling water.

In 2001, Saint-Gobain Containers, LLC., purchased the Glass Facility from Ball-Foster. In 2014 Saint-Gobain Containers, LLC., changed its name to Ardagh Glass Inc. (Ardagh Glass).

In 2014, Ardagh Glass submitted a Report of Waste Discharge (RWD) requesting updated WDRs to reflect changes Ardagh Glass has made to its operation since WDRs Order 85-314 were adopted. The proposed changes include the elimination of the cullet quench wastewater. In 1990, Ardagh Glass installed an oil skimmer/recirculating water system and now there is no discharge from the cullet quenching operation.

Initially in the 2014 RWD, Ardagh Glass proposed to use its comingled blowdown wastewater to: 1) supplement its concrete-lined "Fire Water Pond", 2) supplement the oil skimmer/recirculation system, and 3) landscape irrigate 30 acres of land application area (LAA). Ardagh Glass now proposes to discharge its comingled domestic and blowdown wastewater to: 1) its concrete-lined "Fire Water Pond" as supplemental water, 2) the oil skimmer/recirculation system as supplemental water, and 3) to the three evaporation/percolation ponds and southwest holding pond with no discharge to the LAA originally proposed.

The proposed WDRs describe the current and proposed operations at Ardagh Glass.

ISSUES: Written comments were received from the Ardagh Glass. Revisions were made to the proposed WDRs to address of the comments. Full responses to comments are in the agenda package. A short summary of the issues and staff's responses are below:

1. Ardagh Glass questions the need to reference the solids generated at the Glass Facility from the semi-dry scrubber system. Ardagh Glass states that these solids are not part of the wastewater streams and therefore should not be included in the WDRs. Upon further investigation, Central Valley Water Board staff has determined that the scrubber solids generated at Ardagh Glass are properly handled and disposed of by hauling off-site.
2. Ardagh Glass requests clarification on why groundwater data from

Constellation Mission Bell was included in the WDRs. Ardagh believes that including the groundwater monitoring wells from Constellation Mission Bell in their WDRs will create future unforeseen problems. Ardagh Glass has been recalcitrant in providing sufficient information to characterize underlying groundwater in the area of the discharge. The Central Valley Water Board has moved forward with writing WDRs based on best available data to characterize the quality of groundwater near Ardagh Glass. The proposed WDRs do not require Ardagh Glass to install their own groundwater monitoring well network.

RECOMMENDATION: Adopt the proposed Waste Discharge Requirements.

Mgmt. Review _____
Legal Review _____

21 April 2016
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