ADEQ Arizona Department of Environmental Quality

DRAFT EXECUTIVE SUMMARY

www.azdeq.gov

Fiesta Canning Company, Inc.
Individual Industrial Reclaimed Water Permit No. R105536
Place ID 2465, LTF No. 74152

I. Introduction:

In compliance with the provisions of Arizona Administrative Code (A.A.C.) Title 18, Chapter 9, Article 7 and A.A.C. Title 18, Chapter 11, Article 3 and amendments thereto, and the conditions set forth in this permit, Fiesta Canning Company, Inc., located in McNeal, Arizona, in Cochise County is hereby authorized to use reclaimed water for beneficial purposes in accordance with the limitations, monitoring requirements and other conditions set forth in this permit and in the rules cited above.

II. Facility Location:

7978 North Central Highway
McNeal, Arizona

III. Facility Description:

The permit authorizes the use of industrial reclaimed water (components listed above) for irrigation of up to 251acres of a combination of alfalfa, milo, sudan, fescue, winter wheat, or triticale, which are used to feed livestock (A.A.C. R18-9-707(A)(2)).

IV. Best Available Demonstrated Control Technology (BADCT):

The wastewater (approximately 385,000 gallons per day (gpd)) is collected in an on-site sump that provides settling of solids. This sump also receives steam condensation (approximately 9820 gpd), process-related washdown water from the sinks and drains (approximately 2000 gpd), and boiler blow-down water (approximately 180 gpd), for an average of 397,000 gpd. The wastewater is transported from the on-site sump by pipeline approximately 1500 feet north-northeast where it may be either directly applied to the agricultural fields for irrigation or placed in a storage pond to be later pumped onto the adjacent agricultural fields for irrigation.

V. Compliance with Aquifer Water Quality Standards (AWQS):

The permit requires the permittee to collect representative samples of the wastewater from the waste stream prior to delivery for reuse. The permittee is required to monitor the wastewater daily for flow rate, monthly for total nitrogen, and annually for selected metals, volatile organic compounds (VOCs), and semi-VOCs (pesticides and herbicides).