

**Fiesta Canning Company, Inc.
Individual Industrial Reclaimed Water Permit No. R105536
Place ID 2465, LTF No. 87874**

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, Wastewater, and Reuse Site Description:

Fiesta Canning Company, Inc. has owned and operated a facility since November 15, 1984 in Cochise County. The facility steams, peels, processes, and cans regional vegetables and sauces for sale to restaurants and supermarkets as cooking ingredients and salsa. Chlorine rinseate is added to pumped groundwater which is used in the process to rinse the vegetables and to wash down the processing equipment. The wastewater (up to approximately 806,000 gallons per day (gpd)) from processing plant is collected in a lift station vault and from there pumped to the Daritech DT360 separator unit to separate the solids. The lift station vault will also receive steam condensation (approximately 19,640 gpd), process-related washdown water from the sinks and drains (approximately 2,000 gpd), and boiler blow-down water (approximately 360 gpd), for a combined average of 828,000 gpd. From the separator, the wastewater is stored in on-site aboveground holding tank and transported from the on-site aboveground tank by pipeline approximately 1500 feet north-northeast where it may be either directly applied to the agricultural fields for irrigation or placed in North or South storage pond to be later pumped onto the adjacent agricultural fields for irrigation.

This permit authorizes the use of industrial reclaimed water (components listed above) for irrigation of up to 480 acres of a combination of alfalfa, milo, sudan, fescue, winter wheat, or triticale, which are used to feed livestock (A.A.C. R18-9-C701(A)(2)). The facility was originally permitted to irrigate 251 acres and under this permit, the facility is allowed to irrigate up to 480 acres. The Department has determined that the North and South storage ponds are not a part of the reclaimed water permit and are regulated under an Aquifer Protection Permit. These ponds are permitted under Type 3.01 General Permit for Lined Impoundment under Permit #511466. Reclaimed water monitoring shall be performed on a routine basis as indicated in TABLE I.

IV. Regulatory Status:

An Individual Reclaimed Water Permit was issued for Fiesta Canning on January 18, 2006. The renewal of the Individual Reclaimed Water Permit was issued on November 14, 2013 and May 2, 2019.

The industrial reclaimed water from the food processing plant at Fiesta Canning Company is used for irrigation of up to 480 acres of a combination of alfalfa, milo, sudan, fescue, winter wheat, or triticale, which are used to feed livestock. The facility is required to obtain an Individual Industrial Recycled Water Permit per A.A.C. R18-9-C701(A)(2) because of the use of reclaimed water from an industrial facility for production or processing of a crop or substance that may be used as human or animal food.

The latest inspection was conducted on November 12, 2020 and the inspection report indicates that the facility was found in compliance with the Individual Recycled Water Permit and Arizona rules and statutes.

The facility has exceeded the total monthly flow limits from March to October 2020 and from January to March 2021. Due to the higher food demand, the facility had increased the production which resulted in the higher flow. This application was received on March 12, 2021 to increase the reclaimed water flow to 0.828 mgd and to increase the irrigation area to 480 acres.

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

Monitoring and Reporting Requirements

The permit requires the permittee to collect representative samples of the reclaimed water prior to delivery for reuse. The permittee is required to monitor the wastewater daily for flow rate, quarterly for total nitrogen, and annually for Total Trihalomethane (TTHM).