

Central Valley Regional Water Quality Control Board

23 January 2018

Ms. Beth Gabor
Yolo County Administrator's Office
625 Court Street, Room 202
Woodland, CA 95695

NOTICE OF VIOLATION AND REPORT OF RECENT INSPECTION, WILD WINGS WATER RECYCLING FACILITY, YOLO COUNTY

The treatment of wastewater and land application of recycled water from the Wild Wings Recycling Facility (WWRF) in Yolo County is regulated by Waste Discharge Requirements (WDRs) Order R5-2002-0077. The Yolo County Administrator's Office operates the Wild Wings County Service Area (Discharger) and owns the facility.

On 18 December 2017, Central Valley Water Board staff was informed by the Discharger that the WWRF was experiencing operational issues. The Discharger was working to assess the WWRF and make repairs.

On 28 December 2017, Water Board staff inspected the WWRF. A copy of staff's inspection report and photographic log is enclosed. Staff observed multiple violations of the WDRs. Due to a failure of the tertiary filter system, secondary treated wastewater was discharging into the recycled water pond. Additionally, staff observed spent filter media from the tertiary filters on the ground adjacent to the WWRF and solids/sludge associated with discharges of wastewater into the facility's storm water basin.

The overflow of wastewater to the storm water basin, the discharge of spent tertiary filter media (sand and anthracite) to the ground surface and the discharge of secondary treated wastewater to the recycled water pond are violations of Discharge Prohibition A.4 of Order R5-2002-0077 which states, "*Bypass or overflow of partially treated waste is prohibited, except as discussed in the Standard Provisions.*"

On 10 January 2018, Board staff received a status report detailing the work which had been completed to repair the WWRF. The report also contains a tentative schedule for completing additional repairs to the WWRF and to remove the sludge observed within the storm water basin.

Board staff appreciates the County's efforts to promptly assess and correct the operational issues and violations observed at the WWRF. As discussed during the inspection, until the WWRF is operating in compliance with the WDRs and the storage ponds have been cleaned out, leak tested and placed back in service, please continue to submit weekly status reports documenting both completed and outstanding repairs to the WWRF.

By **15 February 2018**, please submit a compliance plan describing the steps the County has implemented to ensure proper operation and oversight of the WWRF. The plan should also describe how effluent will be stored and disposed of until the WWRF is operating in compliance with the WDRs and the recycled water pond has been placed back into service.

By **1 May 2018**, please submit an *Updated Operation and Maintenance Plan* for the WWRF. The plan needs to include schedules for performing maintenance and include notification procedures for the plant operators to follow in the event of equipment failure or non-compliance with the WDRs.

If you have any questions regarding this Notice of Violation, please contact Brendan Kenny at (916) 464-4635, or by e-mail at bkenny@waterboards.ca.gov.



HOWARD HOLD P.G. # 7466
Acting Supervisor
Compliance and Enforcement Section

enc: Photographic Log
Inspection Report

cc: Yolo County Environmental Health Department, Woodland

ciwqs inspection # 31047663

Violation # 1036978, 1036979, 1036980

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

INSPECTION REPORT

28 December 2017

DISCHARGER: Wild Wings County Service Area
LOCATION & COUNTY: 18678 Wild Wings Drive, Yolo County
CONTACT(S): Beth Gabor
INSPECTION DATE: 28 December 2017
INSPECTED BY: Brendan Kenny
ACCOMPANIED BY: Lachi Richards

INTRODUCTION

The Wild Wings Recycling Facility (WWRF) processes domestic wastewater from homes in the Wild Wings Subdivision. Tertiary treated effluent is stored prior to being used for irrigation of the golf course. The WWRF is regulated under Waste Discharge Requirements (WDRs) Order R5-2002-0077. On 18 December 2017, county staff informed Board staff that the tertiary filtration system had failed and that engineers were in the process of assessing the treatment facility and working to fix the tertiary filter system.

OBSERVATIONS AND COMMENTS

Wastewater was being treated in the aeration basins and secondary clarifiers (Figure 1). The flocculent tank and tertiary filters were bypassed. Sand from the tertiary filters was observed on the ground adjacent to the filters (Figure 2). Secondary treated wastewater was discharging into the recycled water pond. Solids were observed on the liner of the recycled water pond below the effluent discharge pipe. Freeboard in the recycled water pond appeared to be about 15 feet. Engineers assessing the treatment plant explained that a blockage downstream of the clarifiers caused the water levels in the treatment system to rise and allowed excess solids to pass over the clarifier to the tertiary filter system and ultimately into the recycled storage pond.

A tanker truck was removing wastewater from the emergency storage pond for off-site disposal. The pond appeared to have approximately 5 feet of freeboard (Figure 3).

The facility's storm water basin contained solids associated with overflows from the treatment facility (Figure 4).

Summary:

The WWRF is not operating in accordance with the WDRs. The Discharger is assessing the WWRF for necessary repairs and operational controls to bring the facility back into compliance with the WDRs. The Discharger is assessing cleanup options for the unauthorized discharge areas.


Brendan Kenny, Engineering Geologist



Figure 1. Package plant.



Figure 2. Tertiary filter sand dispersed to the ground between the filters (left) and the recycled water pond.



Figure 3. Emergency Storage Pond.



Figure 4. Storm water basin with solids from the WWTF.