

## Electronic Report Transmittal Form

Attention: Brendan Kenny (916) 464-4635  
Central Valley Regional Water Quality Control Board  
11020 Sun Center Drive #200  
Rancho Cordova, CA 95670-6114

Discharger: Wild Wings County Service Area  
Name of Facility: Wild Wings Water Recycling Facility  
WDRs Order Number: R5-2002-0077  
CIWQS Place ID: 272537  
County: Yolo

I am hereby submitting to the Central Valley Water Board the following information:

**Check all that apply:**

Technical Report Title and Date Self-Monitoring Report for Wild Wings

Monthly Monitoring Report for the month of FEB. 2019

1st / 2nd / 3rd / 4th (**circle one**) Quarterly Monitoring Report for the year of \_\_\_\_\_

1st / 2nd (**circle one**) Semi-annual Monitoring Report for the year \_\_\_\_\_

Annual Monitoring Report for the year \_\_\_\_\_

**Violation Notification:**

During the monitoring period, there (**were**) / were not (circle one) any violations of the WDRs.

1. The violations were: Exceeded daily Colifom maximum.
2. Have the violations been corrected? (Yes) / No. If no, what will be done to correct the violations:
3. Note: Due to the high  $Cl_2$  residual (20 mg/L+) we believe the result is caused by a sampling or lab error. We are reviewing our sampling SOP to ensure proper technique.

**Certification Statement:**

*"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."*

Signature: 

Phone: 707-330-4402

Printed Name: Michael Lane

Date: 2-26-2019

**Electronic Report Submittal:**

To submit the electronic reports please do the following:

1. First, make a PDF copy of your report and include this *form as the first page of the report.*
2. Attach the PDF file to the email.
3. Send the email and PDF attachment to **centralvalleysacramento@waterboards.ca.gov** (Please note that in order to ensure your reports are cataloged correctly and routed to the appropriate Regional Board staff, only one report/attachment shall be included with each e-mail.)



# COUNTY OF YOLO

Office of the County Administrator

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**County Service Areas  
Administrative Support Team**

625 Court Street, Room 202 • Woodland, CA 95695  
(530) 666-8153 • FAX (530) 668-4029  
YoloCSA@yolocounty.org

March 19, 2019

To: Brendan Kenny, Engineering Geologist, Regional Water Board R5s

From: Beth Gabor, Manager of Operations & Strategy

Re: Wild Wings Wastewater Recycling Facility Status Update

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- As requested, please find attached the liner inspection report.
- The contents of the emergency storage pond are being pumped to the digester and continues to be on schedule to be emptied, cleaned and the liner inspected by the end of April, weather permitting.
- The update to the Operations & Maintenance Manual continues to be on track to be completed by November 2019.



# THE BARBER - WEBB COMPANY

3833 EAST MEDFORD STREET  
LOS ANGELES CA 90063  
PHONE (213) 264-4800 FAX (213) 260-7164

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## MEETING/INSPECTION REPORT

**PROJECT:** Wild Wings Lagoon, Cal Rural Water Dist.

**DATE:** February 11, 2019

**JOB #:** 3141

**TIME:** All Day **AM/PM**

**PURPOSE:** Inspection and repairs of existing 60 mil Textured HDPE Geomembrane lined lagoon, know as the Wild Wings Recycle Pond.

<u>NAME</u>	<u>COMPANY</u>
<u>Chris Riker-Superintendent</u>	<u>The Barber-Webb Company, Inc.</u>
<u>Danial Scull-Inspector</u>	<u>The Barber-Webb Company, Inc.</u>
<u>John Bowling-Technician</u>	<u>The Barber-Webb Company, Inc.</u>
<u>Daniel Bowling-Technician</u>	<u>The Barber-Webb Company, Inc.</u>
<u>Fernando Saenz</u>	<u>Cal Rural Water District</u>
<u> </u>	<u> </u>

**COMMENTS:** Our crew arrived onsite at 7:00 a.m., Feb. 11th, 2019, and began the inspection of the 'Wild Wings Recycle Pond'. The lagoon had been drained and cleaned adequately, for inspection. Several holes were found in the geomembrane, along with multiple patches, where the extrusion welds were failing. The pipe boots, for the inlet/outlet pipes were poorly constructed, and portions of the boots, under the pipes, hadn't been welded. Additionally, multiple areas of "environmental stress cracking" were apparent in the geomembrane, mostly above the water line. It was determined that the geomembrane had been installed approximately 16 years ago, based on "welding technician notes" written on the membrane, adjacent to the seams. We are not able to determine the actual age of the geomembrane.

The decision was made to remove and replace all pipe boots, and patching of the failed extrusion welds commenced immediately. Many of the failed extrusion welds required patches, and others were repaired with additional extrusion welds. Some of the environmental stress cracking was repaired with patches and others with extrusion welds. The fusion welds where visually inspected, and no significant failures were found. However, some of the "seam test patches", required replacement patches. All repairs were tested with vacuum and spark testing, and all work was performed, consistent with industry standards. Additionally, a complete visual inspection was performed of the entire surface of the geomembrane, after all repairs were made. No additional repairs were required.

The lagoons are now intact and should not leak. However, since environmental stress cracking was detected, it is inevitable, that more cracking will occur. The geomembrane appears to be close to the end of its effective life. However, if the stress cracking is monitored and repaired annually, the life of the geomembrane may be extended for a few more years.

*James C. Barber*

**BARBER-WEBB SIGNATURE**

Vice President

**TITLE**

03/19/2019

**DATE**







