### **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

MRP No:

RS-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 October 2018

1st / 2<sup>nd</sup> / 3<sup>rd</sup> / 4<sup>th</sup> (circle one) Quarterly Monitoring Report for the year\_\_\_\_\_ 1st / 2nd (circle one) Semi-annual Monitoring Report for the year\_\_\_\_\_

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

| Violation | <b>Notification:</b> |
|-----------|----------------------|
|           |                      |

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

- 1. The Violations were: NONE
- If no, what will be done to correct 2. Have the violations been corrected? Yes/ No the violations:

### **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 for knowing violations

| Signature:                 | Phone: <u>707-330-4</u> 402 |
|----------------------------|-----------------------------|
| Printed Name: MICHAEL LONE | Date: 11-26-2018            |

### **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.
- Send the email and PDF attachment to: <u>Centralvalleysacramento@waterboards.ca.gov</u> (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.)

# WILD WINGS WASTE TREATMENT FACILITY Monitoring and Reporting Program No. RS 2002-0077 Month of Oct 2018

| ı    | X        | Month of Oct | Oct      | ST.07 |         |      |        |                    |          |      |
|------|----------|--------------|----------|-------|---------|------|--------|--------------------|----------|------|
|      |          | INFLUENT     |          |       |         |      |        | SECONDARY EFFLUENT | EFFLUENT |      |
|      | DAILY    | WE           | WEEKLY   |       | MONTHLY |      |        | MONTHLY            |          |      |
|      | DAILY    | pН           | E.C.     | BOD   | TSS     | TDS  | BOD    | TSS                | TDS      | рH   |
| Date | MGD      | S.U.         | umhos/cm | mg/L  | mg/L    | mg/L | mg/L   | mg/L               | mg       | S.U. |
| 1    | 0.048995 | 8.21         | 1707     |       |         |      |        |                    |          |      |
| 2    | 0.048150 | 8.26         | 2015     | 140   | 190     | 980  | 3.4 ND | ND                 |          |      |
| ω    | 0.048504 | 8.22         | 1659     |       |         |      |        |                    |          |      |
| 4    | 0.051426 | 8.22         | 1820     |       |         |      |        |                    |          |      |
| 5    | 0.045936 | 8.16         | 1533     |       |         |      |        |                    |          |      |
| 6    | 0.052178 | 8.04         | 1429     |       |         |      |        |                    |          |      |
| 7    | 0.051496 | 8.36         | 1786     |       |         |      |        |                    |          |      |
| ∞    | 0.050869 | 8.30         | 1748     |       |         |      |        |                    |          |      |
| 9    | 0.046835 | 8.14         | 1670     |       |         |      |        |                    |          |      |
| 10   | 0.048125 | 8.24         | 1602     |       |         |      |        |                    |          |      |
| 11   | 0.048803 | 7.90         | 1556     |       |         |      |        |                    |          |      |
| 12   | 0.049716 | 8.25         | 1829     |       |         |      |        |                    |          |      |
| 13   | 0.048115 | 8.55         | 1364     |       |         |      |        |                    |          |      |
| 14   | 0.055003 | 8.33         | 1440     |       |         |      |        |                    |          |      |
| 15   | 0.053248 | 7.91         | 1870     |       |         |      |        |                    |          |      |
| 16   | 0.053496 | 8.35         | 1819     |       |         |      |        |                    |          |      |
| 17   | 0.046786 | 8.16         | 1528     |       |         |      |        |                    |          |      |
| 18   | 0.048806 | 8.20         | 1866     |       |         |      |        |                    |          |      |
| 19   | 0.051317 | 9.16         | 1571     |       |         |      |        |                    |          |      |
| 20   | 0.053501 | 8.39         | 1365     |       |         |      |        |                    |          |      |
| 21   | 0.054508 | 7.97         | 1320     |       |         |      |        |                    |          |      |
| 22   | 0.051995 | 7.89         | 2175     |       |         |      |        |                    |          |      |
| 23   | 0.050022 | 7.01         | 1869     |       |         |      |        |                    |          |      |
| 24   | 0.049261 | 7.70         | 1886     |       |         |      |        |                    |          |      |
| 25   | 0.054021 | 7.81         | 1570     |       |         |      |        |                    |          |      |
| 26   | 0.051496 | 7.97         | 1725     |       |         |      |        |                    |          |      |
| 27   | 0.054135 | 8.01         | 1770     |       |         |      |        |                    |          |      |
| 28   | 0.057861 | 7.91         | 1980     |       |         |      |        |                    |          |      |
| 29   | 0.055007 | 7.50         | 1890     |       |         |      |        |                    |          |      |
| 30   | 0.057740 | 7.97         | 1892     |       |         |      |        |                    |          |      |
| 31   | 0.051749 | 7.95         | 1763     |       |         |      |        |                    |          |      |
|      |          |              |          |       |         |      |        |                    |          |      |

AVG.

1.5891 0.0513 0.0579

## WILD WINGS WASTE TREATMENT FACILITY TERTIARY INFLUENT MONITORING

Date 30 31 TOTA AVG. 23 24 25 26 21 17 13 22 15 29 20 18 19 14 0.063300 0.069300 0.078000 0.064600 0.080600 0.080600 0.076500 0.078600 0.076500 0.005234 0.062836 0.073900 0.081000 0.070000 0.073400 0.069874 0.072200 0.077400 0.068300 0.078200 MGD 0.071200 0.075500 0.075800 EFFL. 0.052376 0.048200 0.068800 0.075200 0.057740 2.0565 0.0684 0.0810 Clar. Turb. 1.3 1.1 1.0 1.0 0.9 0.4 1.2 0.9 1.3 1.1 1.1 0.9 0.7 0.8 1.1 1.0 Month of Oct Eff. Turb. Z DAILY 0.42 0.23 0.17 0.20 0.22 0.46 0.12 0.29 0.12 0.11 0.10 0.11 0.18 0.17 0.18 0.17 0.21 0.24 0.29 0.29 0.27 0.27 0.28 0.29 Cl<sub>2</sub> Resid Mg/L 10.811.62 20.0 20.0 20.0 20.0 20.0 20.0 16.1 18.1 20.0 15.3 7.6 8.3 20.0 9.3 12.3 20.0 14.4 8.0 12.1 20.0 20.0 5.1 3.9 7.5 3.7 6.9 6.5 6.3 Coloform 2018 MPN 1.8 1.8 1.8 1.8 <1.8 <1.8 △1.8 △1.8 A A A <1.8 \$1.8 \$1.8 <1.8 A A <1.8 \$\frac{1.8}{1.8} <1.8 <1.8 2.0 2.0 AL8 <1.8 <1.8 2.0 PH S.U. 7.77 7.70 7.81 7.68 7.75 TERTIARYEFFLUENT MONITORING WEEKLY mg/L BOD 5.6 ND ND ND ND 3.6 mg/L SST ND R ND B ND 1400 1400 1320 1400 1400 mg/L TDS 820 ΖŃ 0.043 MONTHLY NITRATE as N2 25 TOTAL NITROGEN 25 **AMMONIA** as N

## Recycle Monitoring and Reporting Program No. RS 2002-0077 Month of Oct 2018

### WILD WINGS WASTE TREATMENT FACILITY RECYCLED WATER MONITORING

| 21       | 30        | 29      | 28            | 27       | 26      | 25      | 24      | 23      | 22      | 21      | 20      | 19        | 18      | 17      | 16          | 5       | 14      | 13      | 12      | 1       | 10      | 9       | ∞        | 7       | 6       | 5      | 4      | w      | 2   | -      | DATE         |                       |         |  |
|----------|-----------|---------|---------------|----------|---------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|-------------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|--------|--------|--------|-----|--------|--------------|-----------------------|---------|--|
| 0.70     |           | 9.28    |               |          | 9.61    |         |         |         | 9.69    |         |         |           |         | 9.98    |             | 10.13   |         |         |         | 10.09   |         |         | 10.24    |         |         |        |        |        |     | 10.62  | Ę.           | Freeboard             | WE      |  |
| 777      |           | 9.49    |               |          | 7.7     |         |         |         | 6.5     |         |         |           |         | 8.8     | $\neg \tau$ | 10.87   |         |         | T       | 12.49   |         |         | 11.6     |         |         |        |        |        |     | 5.74   | mg/L         | D.O.                  | WEEKLY  |  |
|          |           | 8.36    |               |          | 8.10    |         |         | 9.00    | 8.68    |         |         | 9.03      |         | 8.83    |             | 8.93    |         |         |         | 8.40    |         |         | 8.86     |         |         |        |        |        |     | 9.26   | _            | 면                     |         |  |
| 1190     | 1300      | 1304    |               |          | 3785    |         |         | 1200    | 1360    |         |         | 1300      |         | 1256    |             | 1243    |         |         |         | 1284    |         |         | 1247     |         |         |        |        |        |     |        | cm/          | E.C.                  |         |  |
|          |           |         |               |          |         |         | 810     |         |         |         |         |           |         |         |             |         |         |         |         |         |         |         |          |         |         |        |        |        | 710 |        | mg/L r       | TDS                   |         | RE                                     |
|          | ND        |         |               |          |         |         |         | 6       |         |         |         | 8.3       | _       |         | 4           |         |         |         |         |         | _       |         |          |         | -       |        | _      |        | _   | -      | mg/L C       | SST                   |         | CYCLED                                 |
| 45       |           | 540     | 22            | 79       | 54      |         |         |         |         |         |         |           |         |         |             |         |         |         |         |         |         |         |          |         |         |        |        |        |     |        | Coli. MPN    | Total                 |         | WATER ST                               |
|          |           |         |               |          |         |         |         |         |         |         |         | 0.36      |         |         |             |         |         |         |         |         |         |         |          |         |         |        |        |        |     |        | mg/L         | Ammon N BOD COD Turb. |         | RECYCLED WATER STORAGE POND MONITORING |
|          | B         |         |               |          |         |         |         | ND      |         |         |         |           |         |         |             |         |         |         |         |         |         |         |          |         |         |        |        |        |     |        | mg/L mg/L    | BOD                   | MONTHLY | D MONI                                 |
|          |           |         |               |          |         |         |         |         |         |         |         | 42        |         |         | _           |         |         |         |         |         |         |         |          |         |         | _      | _      | _      |     |        | ng/L N       | COD Tu                | LY      | TORING                                 |
| _        |           |         |               |          | -       |         |         |         |         |         |         | 4.5       |         |         | -           |         |         |         |         |         |         |         |          |         |         |        |        |        |     |        |              | -                     |         |  |
|          | 8.9       |         |               |          |         |         |         | 7.3     |         |         |         | 5.3       |         |         |             |         |         |         |         |         |         |         |          |         |         |        |        |        |     |        | mg/L         | )3 as N               |         |  |
|          |           |         |               |          |         |         |         |         |         |         |         | 6.5       |         |         |             |         |         |         |         |         |         |         |          |         |         |        |        |        | 4.6 |        | mg/L         | NO3 as N NO3/NO2      |         |  |
|          | 1.3       |         |               |          |         |         |         | 4       |         |         |         | 1.4       |         |         |             |         |         |         |         |         |         |         |          |         |         |        |        |        | 1.7 |        | N mg/L       | Kjeldahl              |         |  |
|          |           |         | Ī             | Ī        |         |         |         | 11      |         |         |         | 7.9       |         |         |             |         |         |         |         |         |         |         |          |         |         |        |        |        | 6.3 |        | mg/L         | Total N               |         |  |
| 164,733  | 10 87,833 | 184,394 | <u> </u>      | <u> </u> | 171,943 | 113,340 | 162,696 |         | 137,627 | 162,696 | 113,340 | 9 176,755 | 162,696 | 194,758 | 162,696     | 194,758 | 162,696 | 194,758 | 194,758 | 102,611 | 122,331 | 122,331 | 103,810  | 121,133 | 101,413 | 49,242 | 36,048 | 36,048 |     | 38,037 | GPD          | FLOW                  | WEEKLY  |  |
| <u>ω</u> | 33        | 4       | $\frac{1}{1}$ | <u> </u> | ώ       | 0       | 6       | 6       | 7       | 6       | 0       | 5         | 6       | 00      | 6           | 8       | 6       | 000     | 8       | 1       |         |         |          | 100     | 100     | 10     | -      | -      |     |        | Inches       | RAIN                  |         | 7                                      |
|          |           |         | +             | +        | +       |         | _       |         |         |         |         |           |         |         | -           |         |         |         |         |         |         | l       | $\vdash$ |         |         |        |        |        |     |        | s Applied    | Acreage               |         | ECYCLED                                |
| 58       | 48        | 58      | 0             | c        | 58      | 48      | 58      | 58      | 48      | 58      | 28      |           |         |         | 58          | 68      | 58      | 68      | 68      | 58      | 58      |         |          | 68      | 68      | ∞      | 3 1    | 3 1    |     |        | d gal/ac/day | -                     | DAILY   | RECYCLED WATER AREA MONITORING         |
| 2840     | 1830      | 3179    | -             | -        | 2965    | 2361    | 2805    | 2805    | 2867    | 2805    | 4048    | 3048      | 2805    | 3358    | 2805        | 2864    | 2805    | 2864    | 2864    | 1769    | 2109    | 2109    | 1790     | 1781    | 1491    | 6155   | 12016  | 12016  | _   | 12679  | -            | THE PERSON NAMED IN   |         | EA MOIN                                |
|          |           |         | -             |          |         |         | -       | -       |         |         | -       | L         | -       |         |             |         |         | -       |         |         |         |         |          |         |         |        |        | -      | -   | -      | Hours p      |                       |         | ONIINO                                 |
| 0        | 7.3253    |         | -             |          | -       |         |         | 14.925/ | -       | -       |         | 11.6457   |         |         |             |         |         | -       |         | ,       |         | -       |          |         | 1       |        | -      |        | -   |        | pounds       |                       | Monthly |  |
| 0        |           |         | -             | 1        |         |         | SEOT    | 1       |         |         |         |           |         |         |             |         |         |         |         | -       |         | -       |          |         |         |        |        |        |     |        | Pounds       | TDS                   | γ       | -                                      |

|       | 3.74      | MG         |
|-------|-----------|------------|
| 2,000 | 3,/36,1// | lot. Gais. |

## WILD WINGS WASTE TREATMENT FACILITY Monitoring and Reporting Program No. RS 2002-0077 Month of Oct. 2018

### WILD WINGS WASTE TREATMENT FACILITY Surface Water Monitoring

pH S.U.

Note: No Surface Flows to Cache Creek

| Surface \  | L C       | u mhos/cm |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |         |   |   |   |    |   |   |
|--|-----------|-----------|--|--|---|---|--|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|---|---|---|----|---|---|
| Water Moni                                       | IVIONINI  | mg/L      |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |         |   |   |   |    |   |   |
| Surface Water Monitoring S-1 (50 feet)           | INITERATE | as N2     |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |         |   |   |   |    |   |   |
| 0 feet)  | AINONINA  | as N      |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |         |   |   |   |    |   |   |
|  | Elow      | GPM       |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |         |   |   |   |    |   |   |
|  |           |           |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   | <b></b> |   |   |   |    |   |   |
|  | P. I      | S.U.      |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |         |   |   |   |    |   |   |
| Surface W  | E C       | u mhos/cm |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |         |   |   |   |    |   |   |
| /ater Monitorin                                  | TDS       | mg/L      |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |         |   |   |   |    |   |   |
| Surface Water Monitoring S-2 (100 feet)  Monthly | NITRATE   | as N2     |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |         |   |   |   |    |   |   |
| 00 fe  | A         |           |  |  | T | Π |  | T | T- | 1 | T | T | T | 1 | 1 | T | 1 | 1 | 1 | T | T | + | T       | + | + | 1 | +- | + | - |
| et)  | AMMONIA   | as N      |  |  |   |   |  |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |         |   |   |   |    |   |   |



### **COUNTY OF YOLO**

Office of the County Administrator

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

November 21, 2018

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

From: Beth Gabor, Manager of Operations & Strategy

Re: Wild Wings Wastewater Recycling Facility Status Update

Sadly, our contractors working on the rehabilitation of the Wild Wings Wastewater Recycling Facility have either lost their homes or have been displaced due to the Camp Fire. As a result, I don't have exact dates for some of the recent activity or upcoming activities.

- The plan to repair the irrigation wet well (approved on 11/1/18) was put into action in early November with discharge to the golf course directly from the recycled water pond (including disinfection) beginning on 11/4/18. The next step will be to ensure the integrity of the liner and put the recycled water pond into regular operation. As requested, attached to the monthly report, you will find information on the water levels in the recycled water pond and the remaining quantity to be discharged, as well as the enhanced testing results.
- The new blower system has been installed.
- The flash mixer is still yet to be installed.
- The screw press was expected to arrive 11/19/18. Once installed, the contents of the emergency storage pond will then be pumped to the solids handling tank, decanted to the EQ tank and the solids sent to the new screw press until the pond is empty and the integrity of that liner can also be assured.

### WILDWINGS

|                      |      |            |       |                | 30-Nov |         |           | ;#           |           | in.        |              | 30-Nov |
|----------------------|------|------------|-------|----------------|--------|---------|-----------|--------------|-----------|------------|--------------|--------|
|                      |      |            |       |                | 29-Nov |         |           | ft.          |           | j.         |              | 29-Nov |
|                      |      |            |       |                | 28-Nov |         |           | <b>;</b>     |           | j.         | ,            | 28-Nov |
|                      |      |            |       |                | 27-Nov |         |           | ft.          |           | in.        |              | 27-Nov |
|                      |      |            |       |                | 26-Nov |         |           | <b>;</b>     |           | i.         | 1            | 26-Nov |
|                      |      |            |       |                | 25-Nov |         |           | <del>,</del> |           | 5          | _            | 25-Nov |
|                      |      |            |       |                | 24-Nov |         |           | Ħ.           |           | <u>`</u> 5 |              | 24-Nov |
|                      |      |            |       |                | 23-Nov |         |           | 7.           |           | 5          |              | 23-Nov |
|                      |      |            |       |                | 22-Nov |         |           | 7            |           | 5          |              | 22-Nov |
|                      |      |            |       |                | 21-Nov |         |           | <b>#</b>     |           | 5          |              | 21-Nov |
| 11.00                |      |            |       |                | 20-Nov |         | 1,679,014 | <b>;</b>     | 20.12     | 5          | 540.0        | 20-Nov |
|                      | 8.54 | 1554       | 10.77 |                | 19-Nov | 114,056 | 1,793,070 | ft.          | 19.52     | n.         | 524.0        | 19-Nov |
|                      |      |            |       |                | 18-Nov | 103,691 |           | ft.          |           | n.         |              | 18-Nov |
|                      |      |            |       |                | 17-Nov | 103,691 | 2,000,452 | ft.          | 18.48     | in.        | 496.0        | 17-Nov |
| 7.60                 |      |            |       |                | 16-Nov | 107,476 | 2,107,928 | ft.          | 17.95     | 'n.        | 482.0        | 16-Nov |
|                      |      | 1551       |       |                | 15-Nov | 102,099 | 2,210,027 | ft.          | 17.47     | j.         |              | 15-Nov |
| 11.00                |      |            |       | <1.8           | 14-Nov | 153,263 | 2,363,290 | Ħ.           | 16.76     | Ð.         |              | 14-Nov |
|                      | 9.03 | 1500       |       | <1.8           | 13-Nov | 99,303  | 2,462,593 | Ħ.           | 16.32     | in.        | 438.0        | 13-Nov |
|                      | 8.66 | 1490       |       |                | 12-Nov | 41,955  | 2,504,548 | ft.          | 16.13     | 5          |              | 12-Nov |
| 11.00                |      |            |       | <u>&lt;1.8</u> | 11-Nov | 285,576 | 2,790,124 | ft.          | 14.90     | ⋽.         |              | 11-Nov |
| 10.40                |      |            |       | <1.8           | 10-Nov | 125,773 | 2,915,897 | ft.          | 14.40     | 5          |              | 10-Nov |
| 9.40                 | 8.6  | 1642       | 13.2  | <1.8           | 9-Nov  | 156,494 | 3,072,391 | ft.          | 13.75     | 'n.        |              | 9-Nov  |
| 11.00                |      |            |       | <u>&lt;1.8</u> | 8-Nov  | 79,816  | 3,152,207 | ft.          | 13.43     | j.         |              | 8-Nov  |
| 8.80                 |      |            |       | <1.8           | 7-Nov  | 310,656 | 3,462,863 | ft.          | 12.24     |            | 328.5        | 7-Nov  |
| 11.00                |      |            |       |                | 6-Nov  | 267,696 | 3,730,559 | ft.          | 11.29     | 5          |              | 6-Nov  |
| 7.60                 | 8.84 | 1100       |       |                | 5-Nov  | 188,397 | 3,918,956 | Ħ.           | 10.61     | .⊒.        | 284.7        | 5-Nov  |
|                      |      |            |       |                | 4-Nov  | 252,263 |           | ft.          |           | j.         |              | 4-Nov  |
| 11.00                |      |            |       |                | 3-Nov  | 252,263 | 4,423,482 | ft.          | 8.87      | D          | 238.0        | 3-Nov  |
| 4.00                 |      |            |       |                | 2-Nov  |         | 4,361,386 | ft.          | 9.07      | in.        | 243.5        | 2-Nov  |
| 0.10                 |      |            |       | 32             | 1-Nov  |         |           | <b>#</b>     |           | j.         |              | 1-Nov  |
| mg/L                 | 오    | E.C.       | mg/L  | Coli.          | Date   | Pumped  | Gallons   |              | Freeboard |            | Freeboard    | Date   |
| Irr. Cl <sub>2</sub> |      |            | D.0   | Total          |        | Daily   | Remaining |              | Vert.     |            | Slope        |        |
|                      | 1    | Parameters |       |                |        |         |           | Ö            | Tracking  | 2          | Recycle Pond | Rec    |