

*June – Subsequent pages of this report reflect the previous month 2021.*

## Wastewater

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### System update:

The wastewater plant had been operating in normal flow conditions.

- Wastewater MWR report is up to date.
- Recycled Water Report for 2020 completed.
- Pumped out secondary EQ and mud well.
- Labeling valves and components completed.
- Wiring project completed.
- Lift station B completed.
- Irrigation pump parts have been delivered.
- Weed control.
- Cleaned diffusers in aeration basin.
- Cam 17 sampling completed for rags and sludge renewal permit has been submitted.

### Upcoming Projects:

- Install soil storage lots for golf course maintenance.
- Install irrigation pump station cover.
- Adding Potassium Permanganate for odor control.

## Water

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### System update:

The water system is operating in normal conditions. The system has zero violations. Canvas Back Tank waiting on approval to be put back in service.

- Consumer Confidence Report has been completed.
- Electronic Annual Report has been completed.
- Canvas Back sampling completed.
- 2<sup>nd</sup> Quarterly sampling has been completed.
- Semi-Annual Hydrant flushing and valve exercising has been started.

### Upcoming Projects:

- Valve labeling at well sites.
- 2<sup>nd</sup> Quarter Sampling.
- Need to replace gate valve at irrigation BFV.

## Wild Wings C.S.A. Water Monthly Facilities Report

Report Month **May 2021**

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| Well Production           |           |
|---------------------------|-----------|
| Canvas Well               |           |
| Well Water Production     | 8.66 MG   |
| Drinking Water Production | 8.66 MG   |
| Pintail Well              |           |
| Well Water                | 12.145 MG |
| Drinking Water            | 12.145 MG |

| Pumping and Water Levels |            |
|--------------------------|------------|
| Canvas Well              |            |
| Total Water Pumped       | 12.14 MG   |
| Static Water Level       | 214.09 Ft. |
| Bowl Clearance           |            |
| Pintail Well             |            |
| Total Water Pumped       | 7.08 MG    |
| Static Water Level       | 198.95 Ft. |
| Bowl Clearance           |            |

| Distribution Pressure Ranges 60-80 PSI |          |
|--|----------|
| High                                   | 80       |
| Low                                    | 54       |
| Chlorine Residual Ranges               |          |
| High                                   | 2.0 mg/l |
| Low                                    | .7 mg/l  |

**Water Balance** *(Months when meters are read)*

| Source           | Feb.    | Metered | Difference | March | Metered | Difference | April    |
|------------------|---------|---------|------------|-------|---------|------------|----------|
| Pintail          | 3.30 MG | 5.69 MG | 98%        | 5.07  | 4.22 MG | 90%        |          |
| Canvas Back      | .014 MG |         |            | 0     |         |            |          |
| Hydrant Flushing |         | 0       |            |       | .033 MG |            |          |
| Tank Filling     |         | .096 MG |            |       | .048 MG |            |          |
| Lake B3          |         | 0       |            |       | .251 MG |            | .136 MG  |
| Fire Demand      |         | 0       |            |       | unknown |            |          |
| Recycle Pond     |         |         |            | .     |         |            | 2.166 MG |
| Total            | 3.44 MG | 6.65 MG | .070 MG    |       | 4.55 MG | .520 MG    |          |

**Equipment Failures and System Repairs**

**Permit Violations**

None.

**Sampling Results**

| Constituent | Sampling Schedule       | Maximum Contaminant Level | Result        |        |
|-------------|-------------------------|---------------------------|---------------|--------|
| Arsenic     | 1 <sup>st</sup> Quarter | 10ug/L or                 | 7.2 - Pintail |        |
|             | 2-17-2021               | 10ppb                     | 9.2 - Canvas  |        |
|             | 2 <sup>nd</sup> Quarter | 10ug/L or                 | 9.0 - Pintail |        |
|             | 5-13-2021               | 10ppb                     | 7.1 - Canvas  |        |
|             | 3 <sup>rd</sup> Quarter | 10ug/L or                 | 8 - Pintail   |        |
|             | 8-21-20                 | 10ppb                     | 11 - Canvas   |        |
|             | 4 <sup>th</sup> Quarter | 10ug/L or                 | 9.4 - Pintail |        |
|             | 10-16-20                | 10ppb                     | 11 - Canvas   |        |
|             | Total Coliform (BacT)   | Monthly                   | None Detected | Absent |

**Anticipated Issues with Facilities**

None.

**Customer Complaints**

None.

# Wild Wings C.S.A. Monthly Wastewater Facilities Report

Report Month May 2021

| Wastewater Treatment Plant |          |
|----------------------------|----------|
| Influent Flow Total        | 1.91 MG  |
| Effluent Flow Total        | 2.1 MG   |
| Average                    | .068 MGD |
| Chlorine Residuals         |          |
| 17 mg/l                    |          |

| Tertiary Effluent      |          |                        |
|------------------------|----------|------------------------|
| Operational Parameters |          |                        |
| BOD                    | 100%     | <i>Percent Removal</i> |
| TSS                    | 100%     | <i>Percent Removal</i> |
| Turbidity Ranges       |          |                        |
| High                   | 2.01 NTU |                        |
| Low                    | .200 NTU |                        |

## Equipment Failures and System Repairs

### Permit Violation

None.

### Sampling Results

|  |          |
|--|----------|
| <b>BOD</b><br>Biochemical<br>Oxygen Demand | ND mg/l  |
| <b>TSS</b><br>Total Suspended<br>Solids    | ND       |
| <b>TDS</b><br>Total Dissolved<br>Solids    | 700 mg/l |
| <b>TN</b><br>Total Nitrogen                | 18 mg/l  |

## Anticipated Issues with Facilities

None.

## Customer Complaints

None.