CASE STUDY 1

- OBSERVED FLOWING OUTFALL
- PARAMETERS SPIKED
- NO ODOR
**Dry Weather Field Screen Data Collection Report**

<table>
<thead>
<tr>
<th>Outfall Name:</th>
<th>CDA DWO 312</th>
<th>OMS Outfall ID:</th>
<th>2252</th>
<th>Land Use:</th>
<th>NEW-HEX</th>
<th>Site Location Description:</th>
<th>2198 Butterwood Creek Dr (There are 3 outfalls in 24hr)</th>
<th>Access Instructions:</th>
<th>None</th>
<th>Oufall Inside Diameter (in inches):</th>
<th>12</th>
<th>Material:</th>
<th>CONCRETE</th>
<th>Receiving Water:</th>
<th>Uinta River Tributaries</th>
<th>Basin/Watershed:</th>
<th>Uinta River Tributaries</th>
<th>Site Notes:</th>
<th>This road shows, it is the Northwest of town</th>
</tr>
</thead>
</table>

### 1st visit

**Date:** 1/11/18  **Time:** 10:50

- **Precipitation:** <48 hours: No
- **Flow:** None
- **Sample taken:** Outfall

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>7.5</td>
</tr>
<tr>
<td>Conductivity</td>
<td>Not Enough</td>
</tr>
<tr>
<td>Detergent</td>
<td>Overhead</td>
</tr>
<tr>
<td>Chlorine</td>
<td>0.66 ppm</td>
</tr>
<tr>
<td>Copper</td>
<td>0.33 ppm</td>
</tr>
<tr>
<td>Phenols</td>
<td>0.37 ppm</td>
</tr>
<tr>
<td>Ammonia Nitrogen</td>
<td>0.49 ppm</td>
</tr>
<tr>
<td>Air Temp</td>
<td>19 °C</td>
</tr>
<tr>
<td>Water Temp</td>
<td>27 °C</td>
</tr>
<tr>
<td>Color</td>
<td>Clear (W)</td>
</tr>
<tr>
<td>Odor #</td>
<td>Clear (W)</td>
</tr>
<tr>
<td>Turbidity (NTUs)</td>
<td>32.99 NTUs</td>
</tr>
<tr>
<td>Sewage</td>
<td>Yes No</td>
</tr>
<tr>
<td>Oil Sheen</td>
<td>Yes No</td>
</tr>
</tbody>
</table>

**Notes:**

```
from carwash
```

**Inspector Initials:**

If additional space is needed to record source tracking information, use back of page.

### 2nd visit

**Date:** 4/11/18  **Time:** 2:15 pm

- **Precipitation:** <48 hours: Yes
- **Flow:** None
- **Sample taken:** In-Line

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>7.5</td>
</tr>
<tr>
<td>Conductivity</td>
<td>Overhead</td>
</tr>
<tr>
<td>Detergent</td>
<td>0.67 ppm</td>
</tr>
<tr>
<td>Chlorine</td>
<td>0.27 ppm</td>
</tr>
<tr>
<td>Copper</td>
<td>0.25 ppm</td>
</tr>
<tr>
<td>Phenols</td>
<td>0.04 ppm</td>
</tr>
<tr>
<td>Ammonia Nitrogen</td>
<td>1.45 ppm</td>
</tr>
<tr>
<td>Air Temp</td>
<td>27 °C</td>
</tr>
<tr>
<td>Water Temp</td>
<td>27 °C</td>
</tr>
<tr>
<td>Color</td>
<td>Clear (W)</td>
</tr>
<tr>
<td>Odor #</td>
<td>Clear (W)</td>
</tr>
<tr>
<td>Turbidity (NTUs)</td>
<td>21.62 NTUs</td>
</tr>
<tr>
<td>Sewage</td>
<td>Yes No</td>
</tr>
<tr>
<td>Oil Sheen</td>
<td>Yes No</td>
</tr>
</tbody>
</table>

**Notes:**

```
from carwash
```

**Inspector Initials:**

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**Min. of 4 hours / max. of 24 hours between 1st & 2nd visit.**

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DISCOVERY

- TRACED THE SOURCE BACK
- CAR WASH UPHILL
CASE STUDY 2

- OBSERVED FLOWING OUTFALL
- SEWAGE ODOR
- AMMONIA READ 4.00 PPM & 2.00 PPM
### 1st Visit

- **Date:** 4/1/19
- **Time:** 10:30 AM
- **Precipitation:** <48 hours
- **Flow:** None
- **Conductivity:** 148 µS
- **Detergent:** 0.00 ppm
- **Chlorine:** 0.00 ppm
- **Color:** 150 NTUs
- **Turbidity:** 0.11 NTUs
- **Notes:** Construction work going on.

### 2nd Visit

- **Date:** 4/26/19
- **Time:** 3:00 PM
- **Precipitation:** <48 hours
- **Flow:** None
- **Conductivity:** 230 µS
- **Detergent:** 6.76 ppm
- **Chlorine:** 0.00 ppm
- **Color:** 150 NTUs
- **Turbidity:** 0.11 NTUs
- **Notes:** T&L in water sanitary sewer renewal.

**Inspector initials:** AG

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**Min. of 4 hours / max. of 24 hours between 1st & 2nd visit:**

- **Precipitation:** No
- **Flow:** None
- **Conductivity:** 230 µS
- **Detergent:** 6.76 ppm
- **Chlorine:** 0.00 ppm
- **Color:** 150 NTUs
- **Turbidity:** 0.11 NTUs

**Notes:** T&L in water sanitary sewer renewal.

**Inspector initials:** AL

---

**Min. of 4 hours / max. of 24 hours between 1st & 2nd visit:**

- **Precipitation:** <48 hours
- **Flow:** None
- **Conductivity:** 148 µS
- **Detergent:** 0.00 ppm
- **Chlorine:** 0.00 ppm
- **Color:** 150 NTUs
- **Turbidity:** 0.11 NTUs

**Notes:** Construction work going on.

**Inspector initials:** AG
DISCOVERY

• 12 IN SANITARY SEWER LINE RENEWAL
Outfall: 1567
NATURAL SPRING

Dry Weather Field Screen
Data Collection Report

Outfall Name: COA DWO 1567
OSE Outfall ID #: 1567
Land Use: Non-Indus

Site Location Description: Sanford St. East of two avenues

Access Instruction: Aprox. 1/4 mile above Sanford St. (East of two avenues)

Outfall (inside Diameter (in inches)): 5
Material: Convo

Receiving Water: W. Lower Village Creek

Site Notes: Picture uploaded - just flush sampling

1st visit
Date: 11/20/19
Time: 2:58 pm

Precipitation: <48 hours

Flow: None

Sample taken: Outfall

Sample Flow: Surface Flow

pH
Conductivity
Detergent
Chlorine
Copper
Phenols
Ammonia Nitrogen
Air Temp
Water Temp
Color
Odor 
Turbidity (NTUs)

Notes:

2nd visit
Date: 12/1/19
Time: 6:00 pm

Precipitation: <48 hours

Flow: None

Sample taken: Outfall

Sample Flow: Surface Flow

pH
Conductivity
Detergent
Chlorine
Copper
Phenols
Ammonia Nitrogen
Air Temp
Water Temp
Color
Odor 
Turbidity (NTUs)

Notes:

Inspector initials: AL

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