

1011

1

11

1

11

1

0

□ □

10/10/2019

5

1

1

11

11

11

1

() 13.25A

$$I$$

10.06(4)(a)

2.

13.25A

13.25B

3.

13.25A

4.

)

(

5.

6.

■

■

7.

■

■

■

8.

The diagram illustrates the wastewater treatment process, showing the flow of wastewater from various sources (1-10) through a series of treatment stages. Key components include:

- Influent Wastewater (1):** The initial source of wastewater entering the system.
- Primary Treatment (2):** Consists of a primary clarifier and a primary digester. The clarifier separates solids from the liquid, and the digester breaks down the solids.
- Secondary Treatment (3):** Consists of an aeration tank and a secondary clarifier. The aeration tank uses air to break down organic matter, and the clarifier separates the remaining solids.
- Tertiary Treatment (4):** Consists of a tertiary clarifier and a tertiary digester. The clarifier further separates solids, and the digester breaks down the remaining organic matter.
- Sludge Handling (5):** Shows the flow of sludge from the primary and secondary clarifiers to a sludge digester, then to a sludge dewatering unit, and finally to a sludge storage tank.
- Effluent (6):** Shows the flow of treated water from the secondary clarifier to a final effluent tank.
- Recirculation (7):** Shows the flow of sludge from the secondary clarifier back to the aeration tank.
- Chemical Addition (8):** Shows the addition of chemicals to the aeration tank.
- Aeration Tank (9):** The main tank where wastewater is treated using air.
- Final Effluent (10):** The final stage of treatment, showing the flow of treated water from the final effluent tank to a discharge point.

The diagram also includes various labels for different types of equipment, such as 'Aeration Tank', 'Clarifier', 'Digester', 'Dewatering Unit', and 'Storage Tank'. Arrows indicate the direction of flow throughout the system.

[illegible]