INCIDENT REPORT

December 2 2025

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[redacted]

mediwaste

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The following is an incident report concerning a Light Haze from Mediwaste Medical waste stack. The report has been divided into five sections as follows:

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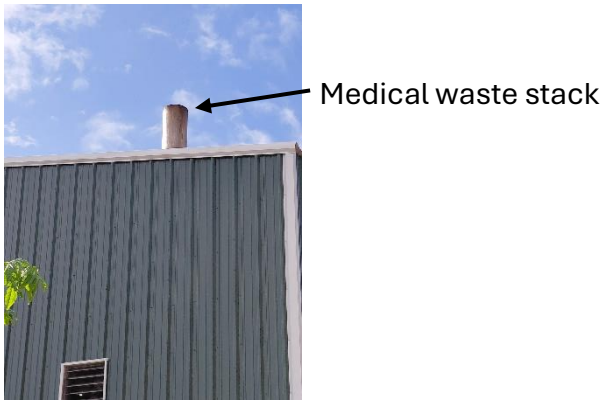
1. When

December 2, 2025, at 0935.

2. Where

Mediwaste main stack for medical waste incineration (See below)



Light colored haze was spewing from the stack during every blowdown sequence in the pollution control system (PCS) which lasted about 2 to 3 mins. The blowdown sequence occurs every 7 mins.

There were no indications on the Testo unit indicating that there was dark haze from the stack. There was an indication that CO and CO2 were high after reviewing the Testo data.

The plant was shut down as soon as the haze was observed. The plant takes two hours to cooldown and the haze decreased substantially within 30 mins after the plant stopped burning medical waste.

3. How

The PCS took 48 hours to cool down from 375°C to a safe temperature for the staff to perform an inspection of the PCS. During our inspection of the PCS, we found 20 of the G3-1.25m Ceramic Elements were damaged and required replacement. Thus, During our annual shutdown (from now until January 16) we will replace (230) G3-1.25m Ceramic Elements to ensure this incident does not occur again

We will emit a light to dark haze from our main medical waste stack if 4 or more G3-1.25m Ceramic Elements are damaged.

4. Why

We conducted some additional investigation of the PCS and found the following:

1. At 0930 in the morning, we were still warming up and not burning any medical waste.

2. The Mediwaste medical waste incinerator takes 2 hours and 20 mins to reach optimum temperature, in which the secondary chamber should be 850°C, before we start burning the medical waste. At that temperature all smells and gases are captured in the system

3. During the warmup of the plant the stack should not emit any smells from the main stack. There was nothing in the primary chamber burning and the primary chamber had been cleaned earlier that morning.

5. Solution

1. Solution

We will conduct full inspections of the PCS every three weeks of the blowdown manifold, Element gaskets and Elements. We will visually exam the stack (i.e. every 30 minutes) until we install the Opacity meter onto the main stack.

If there are any indications of a light or dark haze being emitted from the stack we will perform the following:

1. Stop burning
2. Cooldown the system
3. We will investigate the issue

We will be installing an opacity meter on our main stack during the first quarter of 2026 to monitor any haze from our main exhaust stack