

DECEMBER 10, 2024 · 8 MIN READ

# Nuclear Waste Management Facility Performance Report - Q3 2024 Results

## Performance update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation (OPG)'s Nuclear Waste Management facilities in the areas of safety, operations, and the environment. It also summarizes significant accomplishments achieved during the third quarter of 2024.

We operate three nuclear waste facilities across the province located in Darlington, Pickering & Bruce County. Spent fuel taken from the reactors is stored at each facility locally after it has been cooled for 10 years. Low and intermediate level materials are stored at OPG's Western Waste Management Facility.

## Safety

### *Total Reportable Injury Frequency (TRIF)*



**0.20 TRIF**

TRIF is a measure of the number of injuries involving OPG employees that result in a fatality, lost time, requiring restricted work or requiring medical treatment per 200,000 hours worked. The current 12 month rolling average for TRIF sits at 0.20, below the year-to-date target of 0.23. The year-end target is not to exceed 0.23.

### *Transportation Safety*



**0.0 incidents**

The transportation of waste to our Western facility from Darlington, Pickering and Bruce Power is managed by experienced and skilled drivers. In this quarter, all shipments were made safely and accident-free and the fleet safely travelled 133,841 additional kilometres. By the end of September over 6.8 million kilometres were safely travelled.

## Environment

### *Spills to the environment*



**0 spills**

In this quarter, there were no spills to the environment at our waste facilities that were reportable to a regulatory authority. For detailed environmental information, please refer to the environmental data reports available on our [Regulatory Reporting page](#).

## Operational Performance

### *Pickering Waste Management Facility (PWMF)*



**PWMF - 42**

A total of 42 Dry Storage Containers (DSC) were transferred through the end of Q3, which totals 69 of the 80 year-end transfer target. The facility is on track to exceed their yearly target.

### *Darlington Waste Management Facility (DWMF)*



**DWMF - 27**

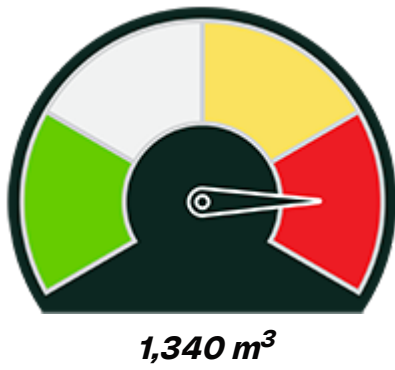
A total of 27 Dry Storage Containers (DSC) were transferred through the end of Q3, which totals 40 of the 57 year-end transfer target. The facility on track to meet this target by year end.

### *Western Waste Management Facility (WWMF)*



**WWMF - 87**

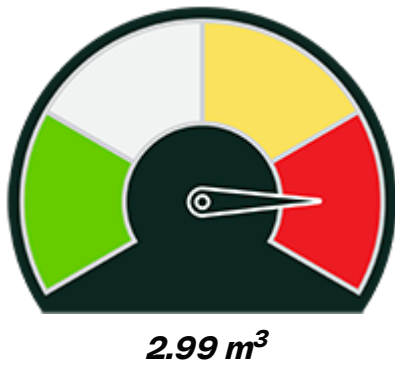
Western Waste Management Facility: A total of 63 Used Fuel Dry Storage Containers (DSC) were transferred through the end of Q3, totalling 87 of the 110 year-end transfer target. Western Operations is anticipated to recover the transfer schedule, meeting the year end target of 110 transfers by end of year.



## Waste Minimization

### *Solid waste*

In Q3, through incineration a total of 1,340 cubic metres of low-level waste was processed. This was below the year-to-date target, to process 2,531 cubic metres. The goal is to process 5,095 cubic metres by year end.



### *Liquid waste*

In Q3, through incineration, a total of 2.99 cubic metres of liquid waste was processed. This was below the year to date target of 16.0 cubic metres. The goal is to process 25.0 cubic metres of liquid waste by year end.

## Questions?

Please contact Jennifer Knox, Director - Nuclear Stakeholder Relations, through the form below.

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