



## Peoples Official Plan Coalition / Le Plan Officiel Populaire

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Mayor Mark Sutcliffe,  
City of Ottawa,  
110 Laurier Avenue W.  
Ottawa, ON, K1P 1J1

Re: Trail Waste Facility Stage 5 Landfill Gas Recovery

Dear Mayor Sutcliffe,

We understand that the City is currently in the process of constructing and preparing to open, likely later this year, the final Stage 5 cell at the Trail Waste Facility (TWF). Given the City's declaration of a climate emergency, the City's Climate Change Master Plan and the contribution that landfill methane gas makes to the City's greenhouse gas footprint, how will the landfill gas in the new Stage 5 be managed?

Current provincial regulatory requirements for the TWF require the operation of a landfill gas recovery system to mitigate gas migration at the property boundary and to alleviate offsite odour impacts. The collection system also serves to reduce greenhouse gas emissions associated with methane generation.

Landfill gas generated in the closed Stages, 1, 2, and 3, and from the soon to be completed Stage 4 is used to produce electricity through a contract with Power Trail Inc. which sells the approximately 6 megawatts of electricity generated into the grid. It is understood that this is enough to power approximately 6,000 Ottawa homes.

Will the gas from Stage 5 be pumped to the existing power generation facility for the production of additional electricity? Is there sufficient capacity at the existing facility to accept more gas and can any additional power generated be sold into the grid?

We urge the City in its planning for Stage 5 to use the collected gas to increase power generation from the TWF. From a GHG perspective, using the gas to produce more electricity is preferable to flaring which is a major source of CO<sub>2</sub> emissions, methane and black soot, all damaging to health and the environment.

Sincerely,

Duncan Bury, Waste Watch Ottawa  
On behalf of POP Ottawa

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