

Outfall Rehabilitation Project

IONA ISLAND WASTEWATER TREATMENT PLANT PROJECTS



Building infrastructure to protect human health and the environment in a growing region

Project Overview

Treated wastewater is carried from the Iona Island Wastewater Treatment Plant to the Salish Sea through two pipes that were built in 1987. They are located under the Iona Jetty Trail. The pipes have shown signs of cracking that require emergency repairs to fix leaks. Metro Vancouver will address ongoing maintenance issues and ensure continued protection of human health and the environment by rehabilitating these outfall pipes.

This project is currently in preliminary design with early work to inspect the pipes underway. See map on the next page for project location.

Upcoming Inspection Work

Metro Vancouver will be inspecting the outfall pipes to inform design of the project. The condition assessment will involve opening maintenance holes and using a camera to inspect the inside of the pipes. The assessment must be done during dry weather and may be delayed by rain.

Concrete samples will be taken to assess the structural integrity of the pipes. Other inspection work will include topographic surveys, geotechnical investigations, and jetty slope inspections.

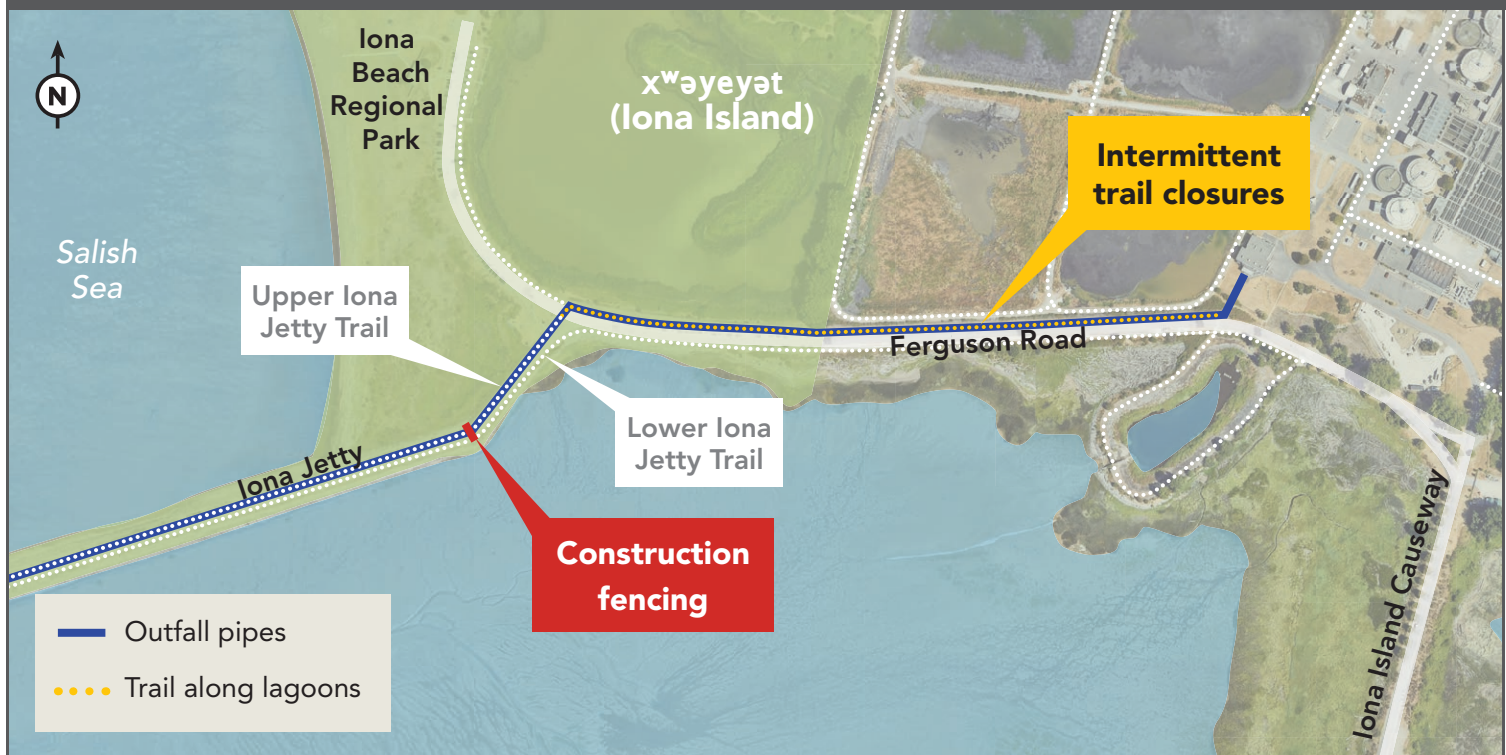
Impacts to the Community

Metro Vancouver will make every effort to reduce the impact on visitors and those travelling in the area. The community may notice small crews in the area doing this work. Impacts will include:

- Weekday closures of the Lower and Upper Iona Jetty Trail; please check the Iona Beach Regional Park website for the latest trail status
- Intermittent closures of the trail along the lagoons
- Intermittent parking restrictions along the pipe alignment
- Temporary traffic pattern changes
- Construction fencing, pylons, equipment, and vehicles in the area
- Security and traffic control personnel in the area

Please follow the direction of signage and traffic control personnel when visiting Iona Beach Regional Park.

OUTFALL REHABILITATION PROJECT – Condition Assessment



Schedule

Work is expected to begin the week of May 13, 2024 and will take about seven weeks to complete. Preparation activities will begin in early May. Other low impact investigation work will take place throughout 2024.

Crews will be onsite to conduct investigations Monday to Friday from 7:00 am to 5:00 pm. There may be times when crews are required to work extended hours or on weekends to complete specific tasks and stay on schedule. Advance notice will be provided to the community if weekend work is required.

Stay Connected

Metro Vancouver will keep the community informed as the project progresses. Subscribe to the project mailing list to receive the latest updates by clicking “sign up” on the project’s webpage. Our Community Liaison is available throughout the project to listen to concerns and address any questions you may have.

About the Iona Projects

Metro Vancouver provides wastewater management and treatment services to the 2.8 million residents that live in the region. The Iona Island Wastewater Treatment Plant is being upgraded to comply with federal and provincial regulatory requirements.

The existing treatment plant was built in 1963 and today serves about 750,000 residents in the Vancouver Sewerage Area, and is one of the last remaining primary treatment plants on the west coast of Canada and the US. The facility provides primary treatment to about 200 billion litres of wastewater each year. Through this plant upgrade, Metro Vancouver will make a positive contribution to the health and well-being of people and the environment by increasing the level of treatment, restoring ecological areas, adding new resource recovery facilities, and strengthening the plant to better withstand earthquakes.

Contact Us

Community Liaison: 604-432-6200
(Monday to Friday from 8:00 am to 4:30 pm)

After Hours Emergency: 604-451-6610

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Website: metrovancover.org/iona

metrovancouver
Together we make our region strong

Metro Vancouver is a diverse organization that plans for and delivers regional utility services, including water, sewers and wastewater treatment, and solid waste management. It also regulates air quality, plans for urban growth, manages a regional parks system, provides affordable housing, and serves as a regional federation. The organization is a federation of 21 municipalities, one electoral area, and one treaty First Nation located in the region of the same name. The organization is governed by a Board of Directors of elected officials from each member jurisdiction.