



Iona Lagoon Decommissioning

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RESIDUALS MANAGEMENT OPERATIONS

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metrovancouver
SERVICES AND SOLUTIONS FOR A LIVABLE REGION



Lagoons

Drying Beds

Lagoon Cleaning



Excavate biosolids from lagoon



Lagoons

Drying Beds

Transport biosolids from lagoon to drying beds



2019 to 2021

2022 to 2023

Until 2023

Offsite

Timeline - Lagoon cleaning



Lagoons

Centrifuges

Offsite

Lagoon Dredging/Dewatering



Lagoon Dredging



2021 to 2022

2019 to 2020

Offsite

Timeline - Lagoon dewatering

Period	Activity	Access Restrictions	Lagoon Status	
			Full	Empty
Summer 2019	SW Lagoon Cleaning	Intermittent closure of lagoon area	NE, NW, SE	SW
Winter 2019-2020	NE Lagoon Dredging	None	NE, NW, SE	SW
Summer 2020	SW Lagoon Cleaning NE Lagoon Dredging	Intermittent closure of lagoon area	NE, NW, SE	SW
Summer 2021	SW Lagoon Cleaning NW Lagoon Dredging	Intermittent closure of lagoon area	NW, SE	SW, NE
Summer 2022	SE Lagoon Cleaning NW Lagoon Dredging	Partial closure of lagoon area	NW	SW, SE, NE
Summer 2023	SE Lagoon Cleaning NW Lagoon Dredging	Partial closure of lagoon area	None	SW, SE, NE, NW

Overall Timeline



Questions?



Land dry the biosolids



Land dry the biosolids



Land dry the biosolids



Biosolids Centrifugation



Remove dried biosolids