



# CHEDOKE CREEK REMEDIATION

General Issues Committee  
September 7, 2022



# CURRENT MECP ORDER

Director's Order Number 1-PE3L3 (Dec 2020)

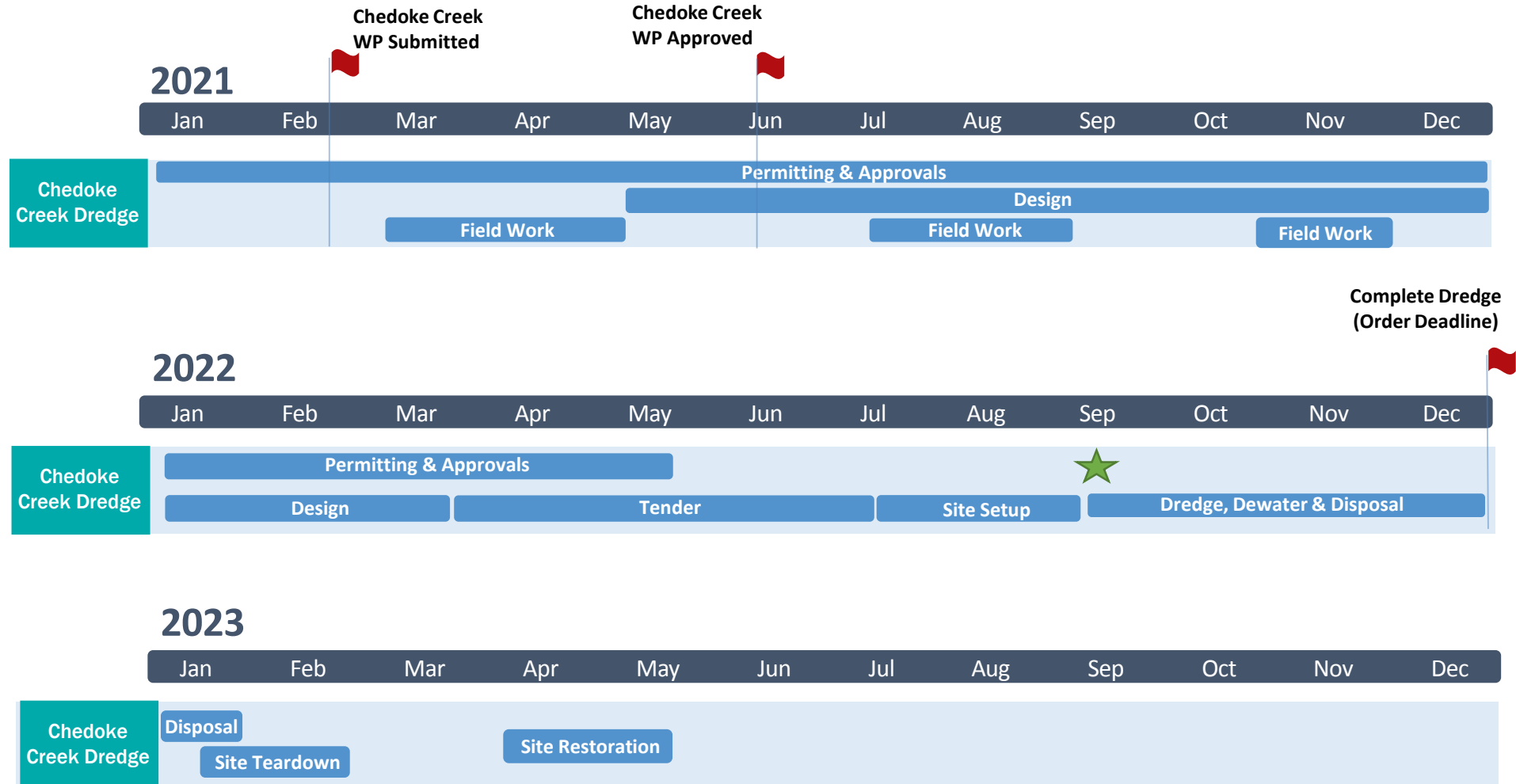
## **FIRST PART (DREDGING)**

- Chedoke Creek Workplan

## **SECOND PART (OFFSETTING)**

- Cootes Paradise Report
- Cootes Paradise Workplan

# TARGETED DREDGING TIMELINE



# AGENCY APPROVALS & PERMITTING

EXTERNAL	PERMIT TYPE
Ministry of Environment, Conservation and Parks	Overall Benefit
	Permit to Take Water
Hamilton Conservation Authority	Work Permit
Ministry of Transportation	Building and Land Use
Transport Canada	Navigation
Fisheries and Oceans Canada	Species at Risk Act
Royal Botanical Gardens	Research
INTERNAL	PERMIT TYPE
Sewer Use Bylaw	Construction Dewatering

# PROJECT AREA

Area to be Dredged

Dredge Entry/Exit Points

Pipe Laydown Area

Dredge Material Management Area

Discharge to sewer system





# DREDGE DESIGN

1. Dredge



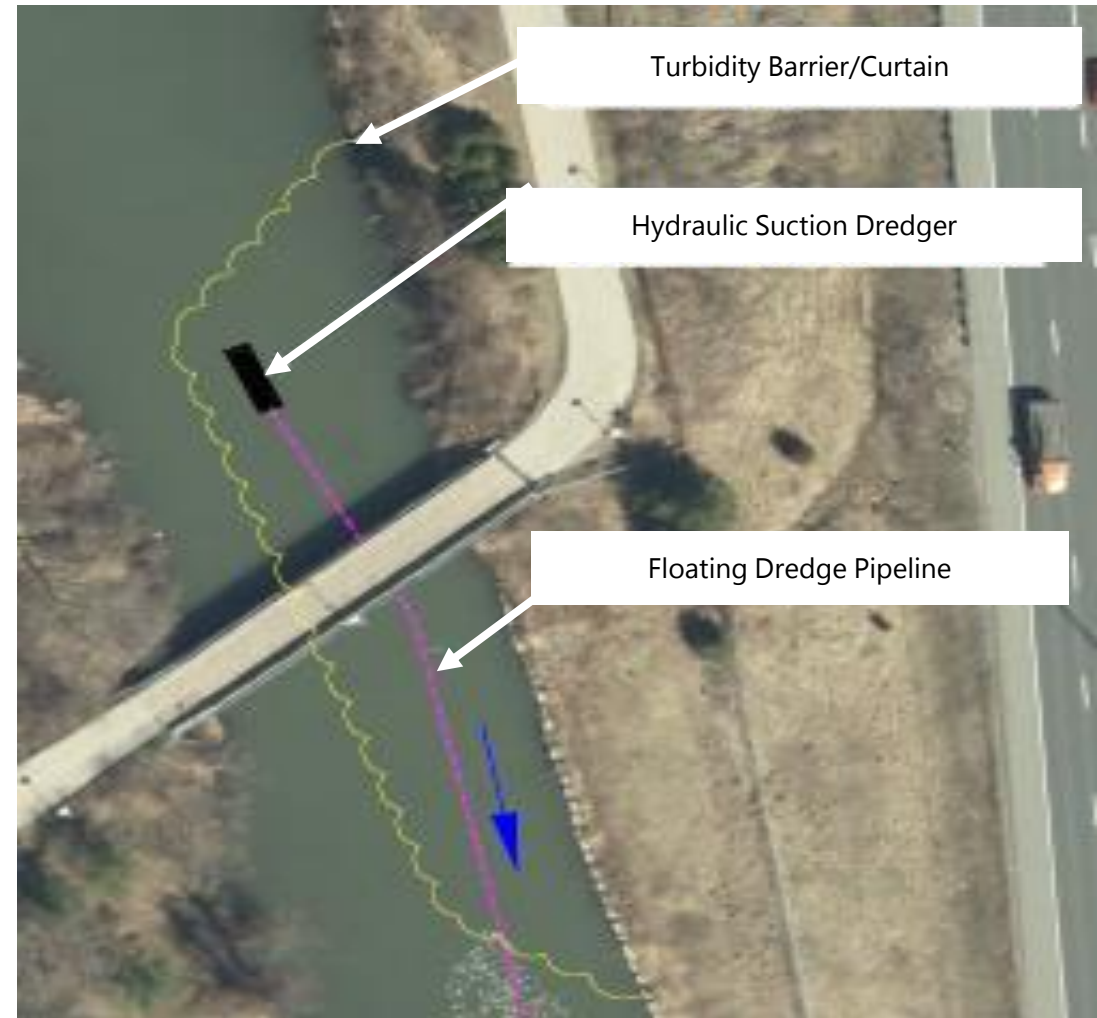
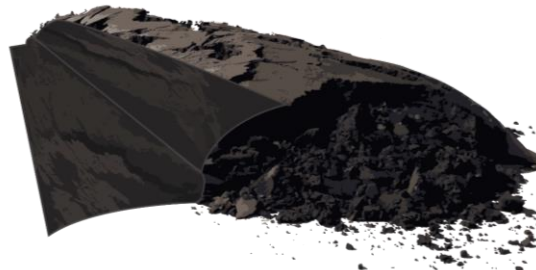
2. Polymer



3. Dewater



4. Disposal



# SAMPLE PHOTOS







## EXTERNAL STAKEHOLDERS:

- Indigenous Nations & First Peoples
- Royal Botanical Gardens\*
- Bay Area Restoration Council
- Hamilton Harbour Remedial Action Plan
- Conservation Halton
- Hamilton Conservation Authority\*
- Fisheries and Oceans Canada\*
- Ministry of Transportation\*
- Environment Hamilton
- Environment and Climate Change Canada
- Ministry of the Environment, Conservation and Parks\*

\* Permitting Agencies



## Onsite Signage

### CHEDOKE CREEK



#### WHAT IS HAPPENING?

In summer 2022, the City of Hamilton will begin targeted dredging within Chedoke Creek to remove nutrient laden sediment from the creek bed. The targeted dredging will occur in two zones, North and South and is expected to be completed before the end of 2022.

#### WHY IS THE CITY OF HAMILTON DOING THIS WORK?

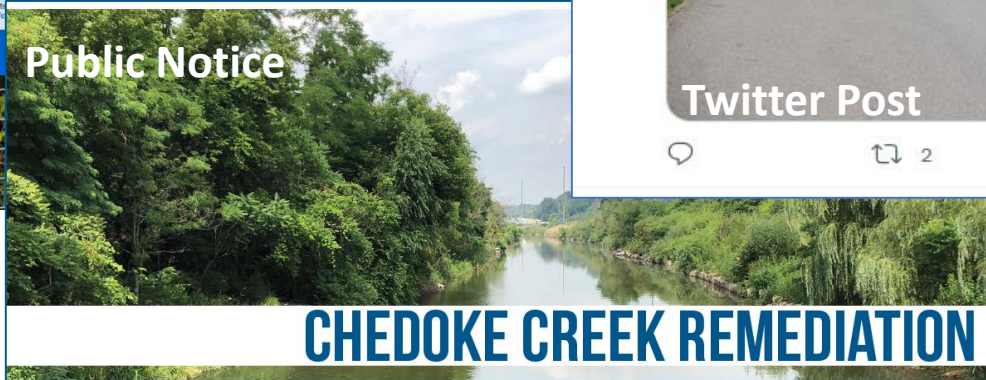
The City of Hamilton was served a Ministry of the Environment, Conservation and Parks (MECP) Order on December 4, 2020, as a result of the Municipality Combined Sewer Overflow discharge that occurred between January 2014 and July 2018. The City of Hamilton has been working closely with the MECP and the Royal Botanical Gardens (RBG) to develop remediation workplans for both Chedoke Creek and Coopers Paradise in response to the Order to improve the condition of the waterway. Details of the approved workplans can be found at: [www.hamilton.ca/ChedokeCreek](http://www.hamilton.ca/ChedokeCreek)

To report a concern please call 905-546-CITY (2489) and state the call is related to Chedoke Creek Remediation.

To follow along as the work progresses and learn about any potential impacts please visit [www.hamilton.ca/](http://www.hamilton.ca/)



## Public Notice



## CHEDOKE CREEK REMEDIATION

Beginning this summer, the City of Hamilton will start targeted dredging activities within Chedoke Creek to remove nutrient laden sediment from the creek bed. The targeted dredging will occur in two zones, North and South and is expected to be completed before the end of 2022. To follow along as the work progresses and learn about any potential impacts to the surrounding area please visit:

[www.hamilton.ca/chedokecreekremediation](http://www.hamilton.ca/chedokecreekremediation)



City of Hamilton @cityofhamilton · 27m

As part of the Chedoke Creek remediation project, the Dejardin pedestrian bridge will close tomorrow at 11am in order for the dredge machine to enter into the creek. The bridge is expected to reopen at 5pm. For more details about the remediation project: [hamilton.ca/ChedokeCreekRe...](http://hamilton.ca/ChedokeCreekRe...)



Twitter Post

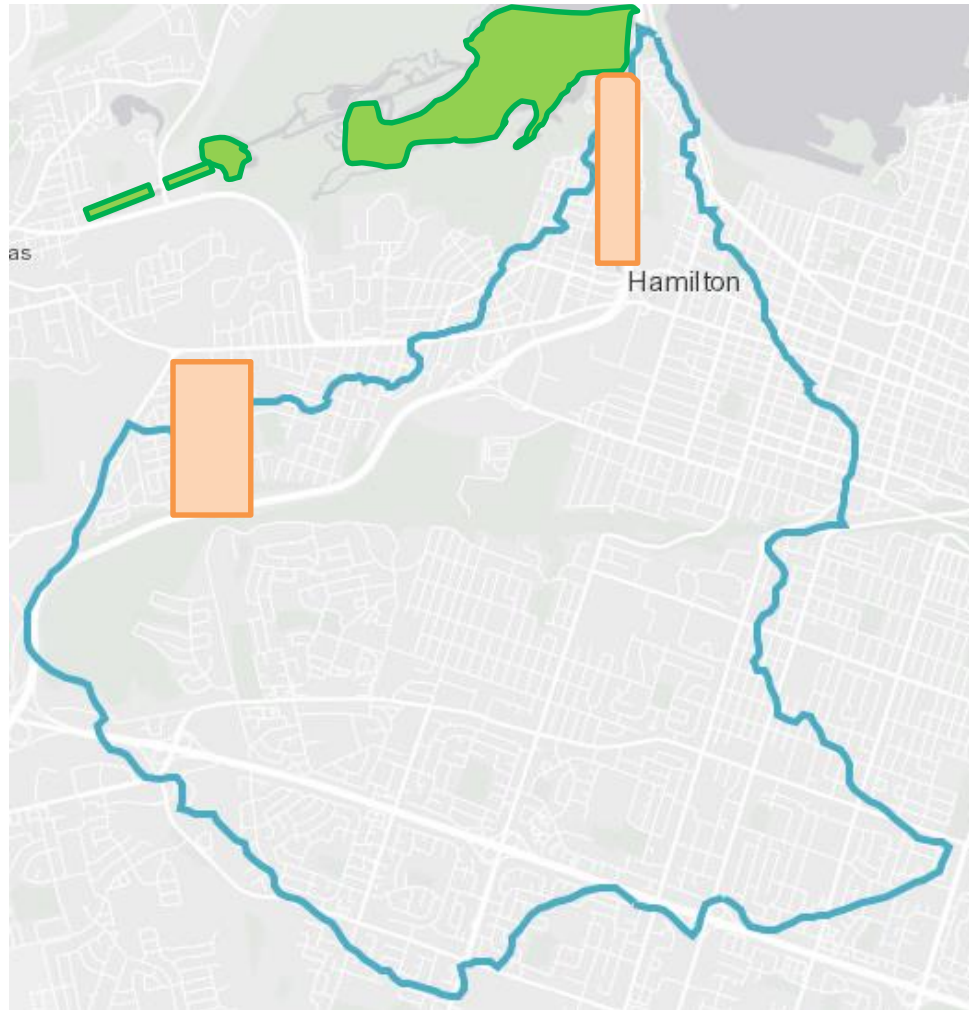


# COMMUNICATIONS

1. Odour
2. Noise
3. Mud/Dust
4. Bus Traffic
5. Park Closure
6. Trail Closure
7. Pedestrian Traffic

*To report a concern please call 905-546-CITY (2489) and state the call is related to Chedoke Creek Remediation*

# COOTES PARADISE WORK PLAN (OFFSETTING)



Chedoke Stormwater Retrofit EA

Ainslie Wood Sewer Separation EA

Lower Chedoke EA

Additional Investigative Studies/Projects

Road Retrofits Rehabilitation Policy

Stormwater Management Policy

## COSTS INCURRED TO DATE

Item	Cost
Small Scale Offsetting	\$ 35,933
Costs from 2018-2020	\$ 2,008,290
Emergency Procurement - Wood's Services <i>(Workplans, Data Collection, Design and Permitting)</i>	\$ 791,144
<b>Total</b>	<b>\$ 2,835,367</b>

## SUMMARY OF BUDGETED ONGOING WORK

Item	Budget
Non-Competitive Procurement - Wood's Services <i>(Contract Administration, Investigative Field Work and Post Monitoring)</i>	\$ 780,156
Tender - Milestone Environmental Contracting Inc. <i>(Targeted Dredging of Chedoke Creek)</i>	\$ 5,919,992
<b>Total</b>	<b>\$ 6,700,148</b>





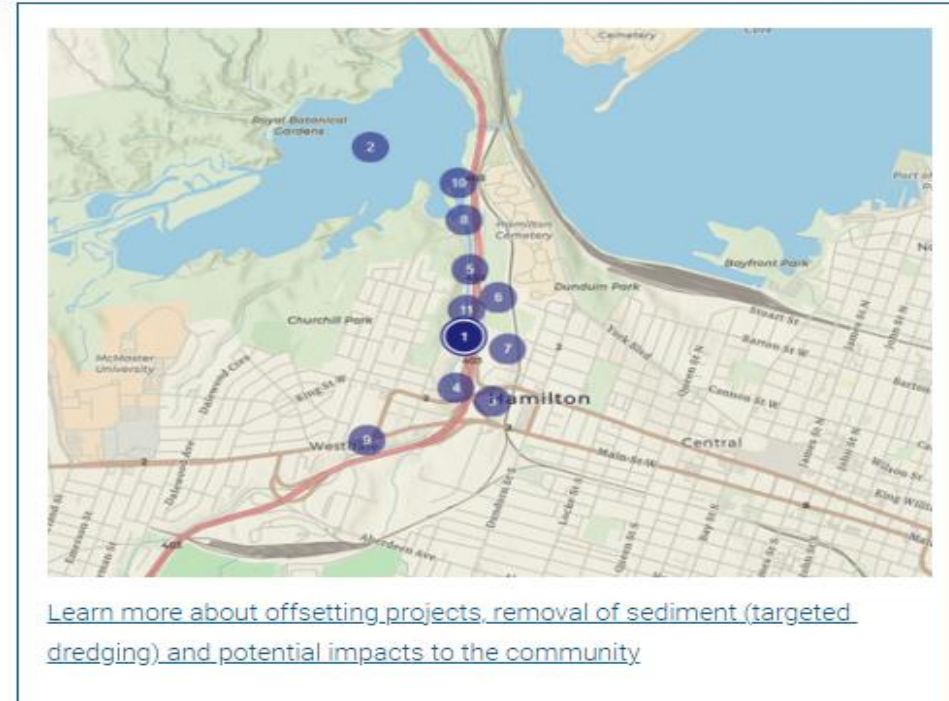
## Chedoke Creek Remediation

Home > Government Information > Chedoke Creek Remediation

The City of Hamilton was served a Ministry of the Environment, Conservation and Parks (MECP) Order on December 4, 2020, as a result of the Main/King Combined Sewer Overflow discharge that occurred between January 2014 and July 2018. The City of Hamilton has been working closely with the MECP and the Royal Botanical Gardens (RBG) to develop a remediation workplan for both Chedoke Creek and Cootes Paradise in response to the Order. Details can be found at [www.hamilton.ca/ChedokeCreek](http://www.hamilton.ca/ChedokeCreek)

The Chedoke Creek Workplan outlines the steps associated with targeted dredging in Chedoke Creek. This work will remove nutrient laden sediment from the creek bottom and is scheduled to be completed before the end of 2022.

The goal of the targeted dredge project is to improve the condition of the creek prior to the beginning of the discharge event. As indicated in the MECP approved Chedoke Creek Workplan, the City implemented short term offsetting remediation projects in areas around lower Chedoke Creek and Princess Point to further improve the condition of the water. The Cootes Paradise Workplan addresses the long term offsetting work required by the order. The goal of the Cootes Paradise Workplan is to improve the quality of water into both Chedoke Creek and the receiving bodies of water.



[www.hamilton.ca/chedokecreekremediation](http://www.hamilton.ca/chedokecreekremediation)



Hamilton

QUESTIONS?