



CITY OF HAMILTON

WATERSHED ACTION PLAN UPDATE

June 28, 2023

OBJECTIVE

To plan, develop and execute a Watershed Action Plan for all activities within the care and control of the City of Hamilton

The resulting implementation strategy will be developed in accordance with City and Provincial guidelines, policies, and regulations.

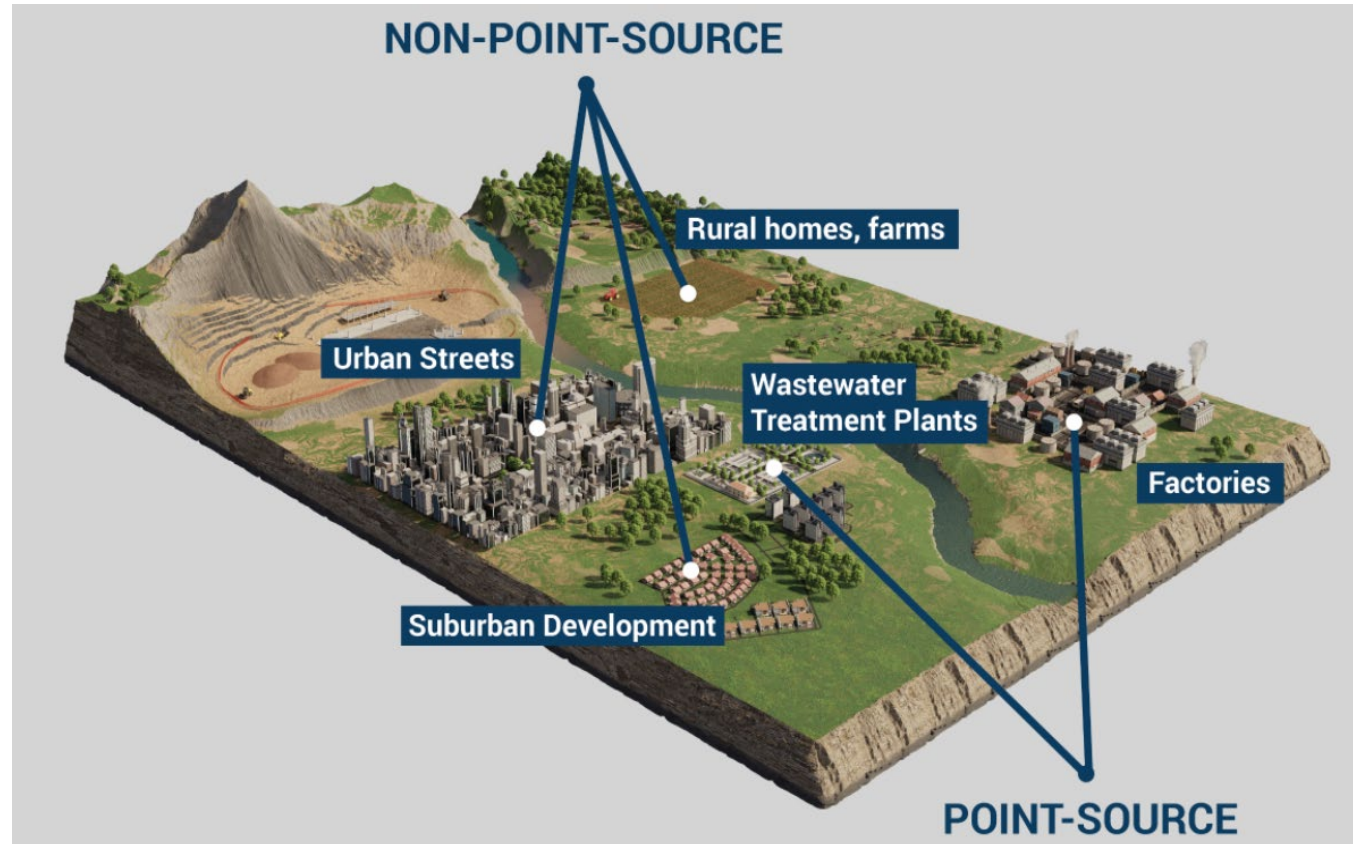
DRIVERS

1. Council Motion - Item 8 (m) of the November 20, 2019, General Issues Committee (Report 19-024) “That the City recommit to the water quality objectives in the Remedial Action Plan process”.
2. Chedoke Water Quality Improvement Framework Study – Report recommended the creation of an advisory committee.
3. Senior Leadership Team Direction – to create a touchpoint for the Hamilton Harbour Remedial Action Plan and conduit to the Senior Leadership Team and City Council.



STAKEHOLDER LIAISON COMMITTEE

Working together, this group will help to advance City specific watershed actions with the common goal of improving our watersheds and Hamilton Harbour conditions



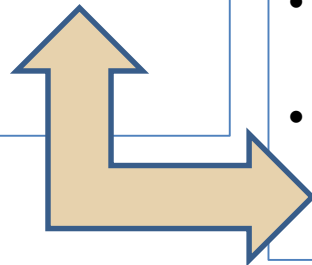
CONSULTATION & ENGAGEMENT PARTNERS

Stakeholder Liaison Committee

- City of Hamilton
 - Public Works
 - Healthy & Safe Communities
 - Planning & Economic Development
- Conservation Halton
- Royal Botanical Gardens
- Hamilton Conservation Authority
- Grand River Conservation Authority
- Niagara Peninsula Conservation Authority

Hamilton Harbour Remedial Action Plan Watershed Advisory Group

- Bay Area Restoration Council
- Harbour Remedial Action Plan Office
- Environment Hamilton
- City of Burlington
- City of Hamilton
- Conservation Halton
- The Regional Municipality of Halton
- Hamilton Conservation Authority
- Royal Botanical Gardens
- Environment and Climate Change Canada
- Ministry of the Environment, Conservation and Parks



CONSULTATION & ENGAGEMENT PARTNERS

Academic Community

- McMaster University
- Redeemer College University

Non-Government Organization

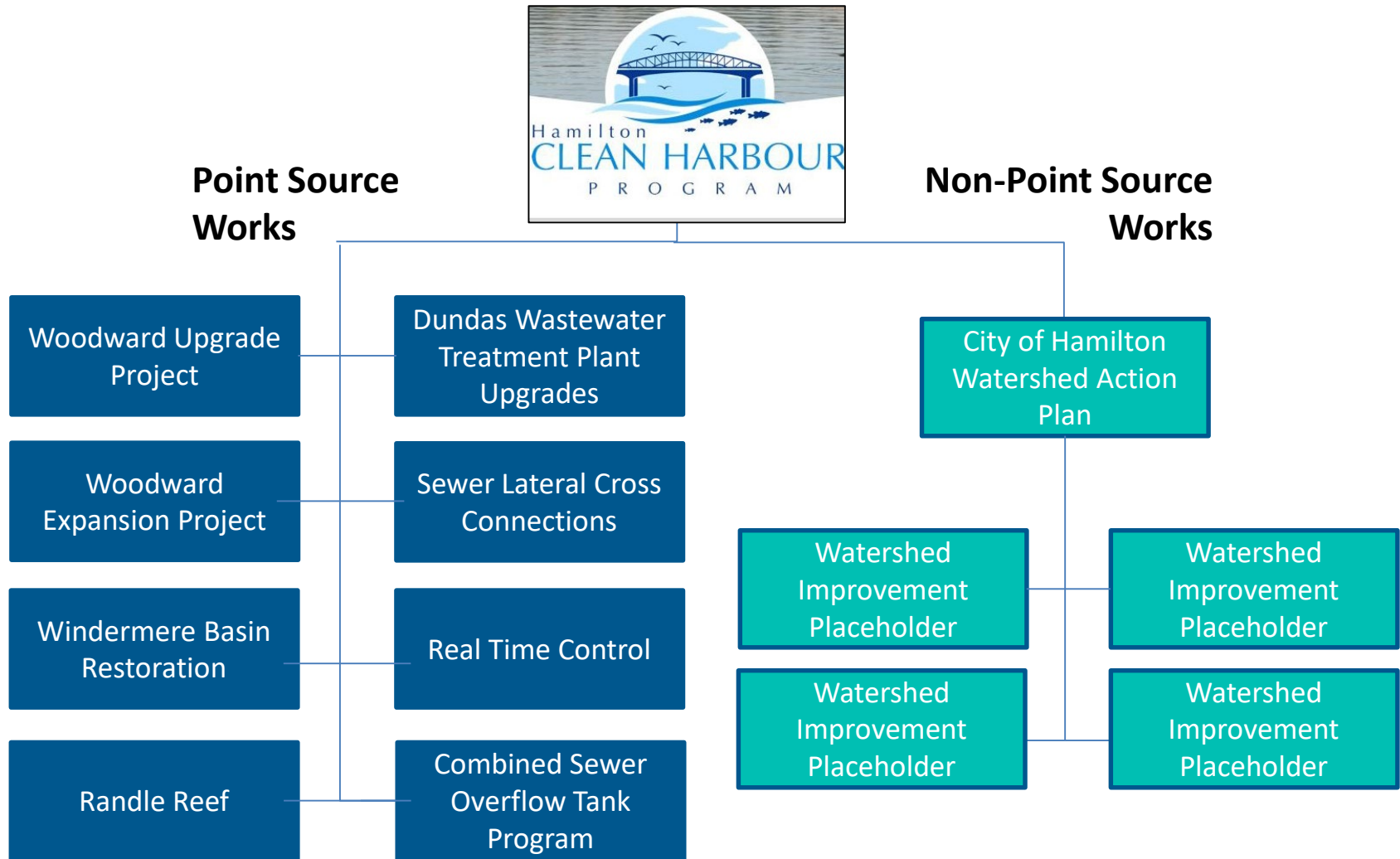
- Green Venture

Area Stakeholders

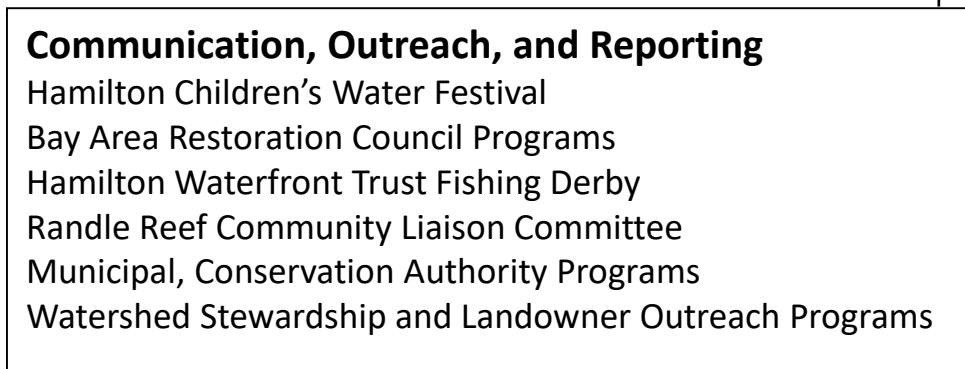
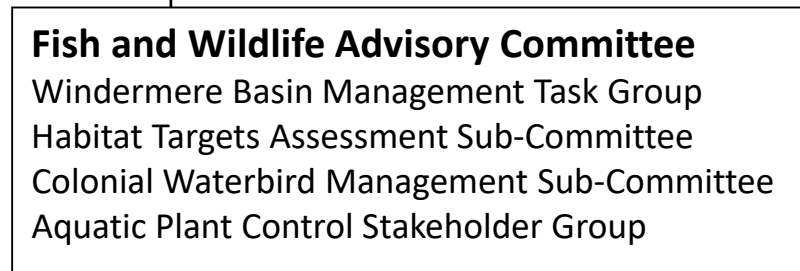
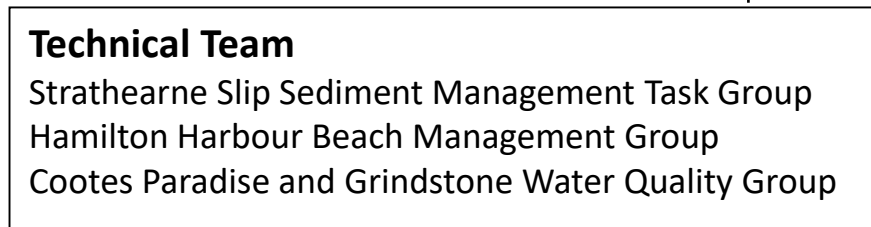
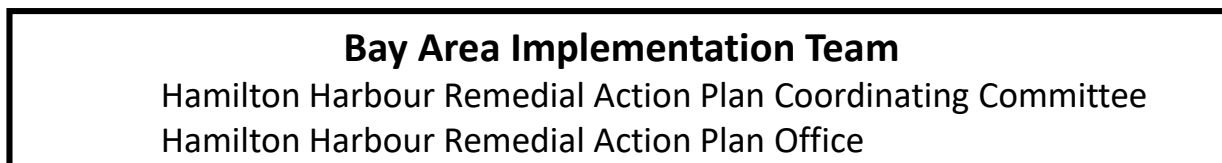
- Indigenous Nations and First Peoples
- Ontario Ministry of Transportation
- Fisheries and Oceans Canada



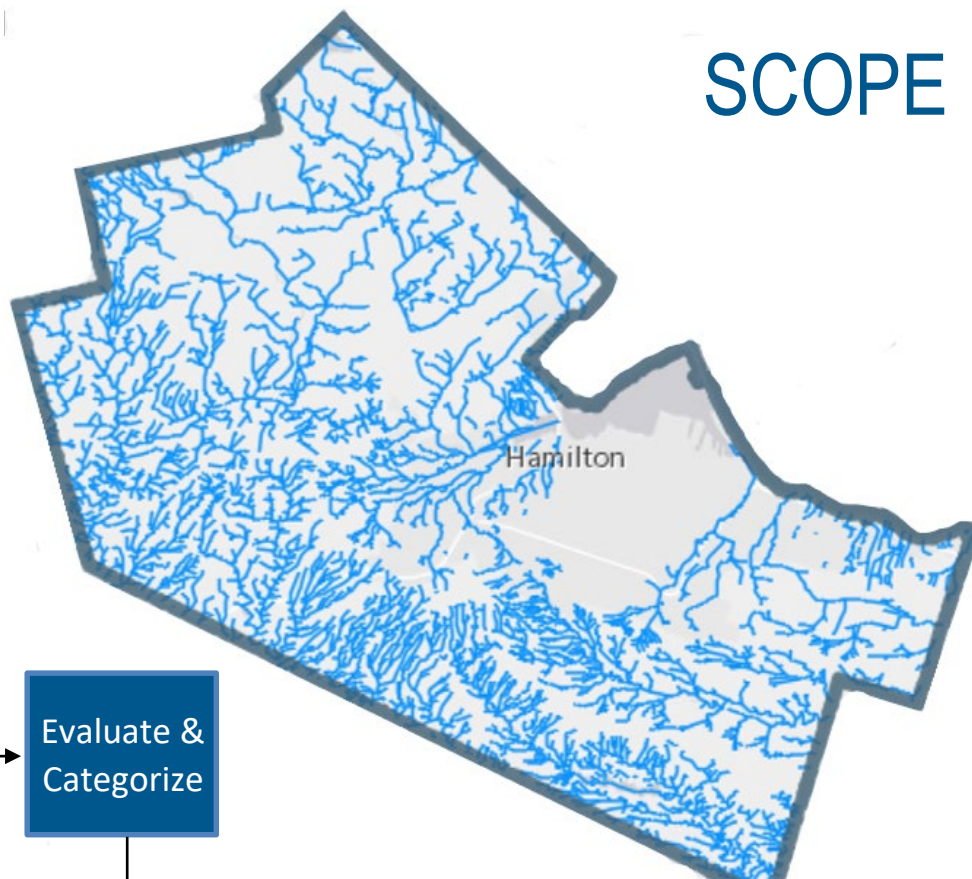
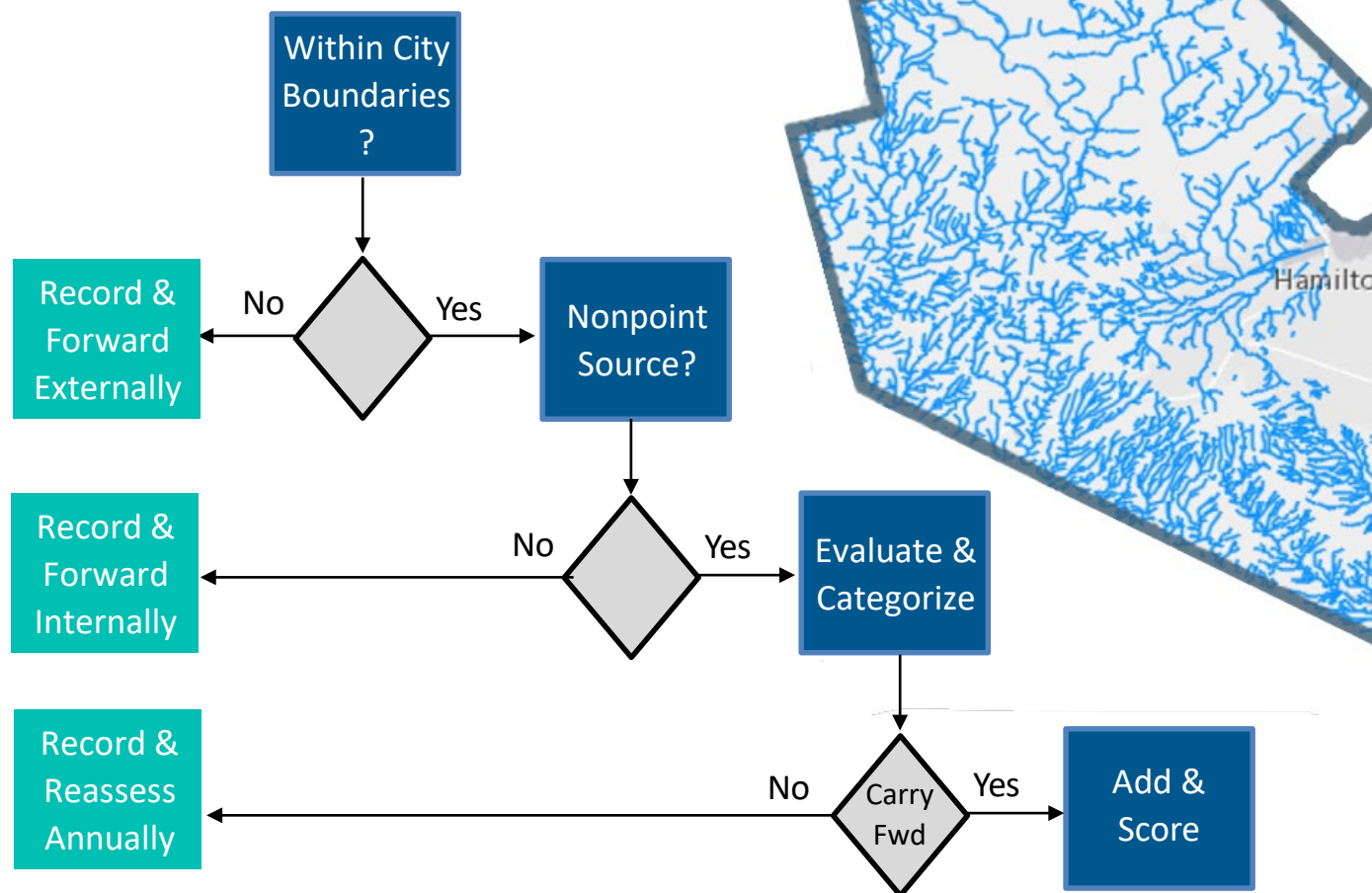
WHERE IT FITS WITHIN THE CITY



WHERE IT FITS WITHIN THE HAMILTON HARBOUR REMEDIAL ACTION PLAN



SCOPE



DELIVERABLES

Studies / Reports

Natural Assets Initiative
(Grindstone Creek)

Chedoke Creek Water
Quality Study

Hamilton Harbour
Remedial Action Plan
Reports

Supporting Data

Surface Water Quality
Program

Conservation Authority
Report Cards



Capital Projects

Dredging
Works

Floating
Treatment
Wetlands

Golf Course
Run-off
Mgmt

Sewer
Separation

Policy/Program

Community
Outreach

Low Impact
Development
Policies

Stormwater
User Rate

Stormwater
Mgmt
Policies

Operations & Maintenance

Catch Basin
Cleaning

Salt/Snow
Mgmt

Enhanced
Street
Sweeping

Facility
Inspection &
Repair

Watershed Improvement Examples 10

Review policies to protect existing natural assets

EXAMPLE

Ensure that future land use change considers the value of existing natural assets and their role in service delivery.



Within City Boundaries

- Yes, City wide action



Nonpoint Source

- Yes, Natural assets mitigate stormwater run-off



Evaluate & Categorize

- Policy
- Planning & Economic Development
- No resources needed
- Mid-term (2-5 years)



Add & Score

- Added to action list and scored

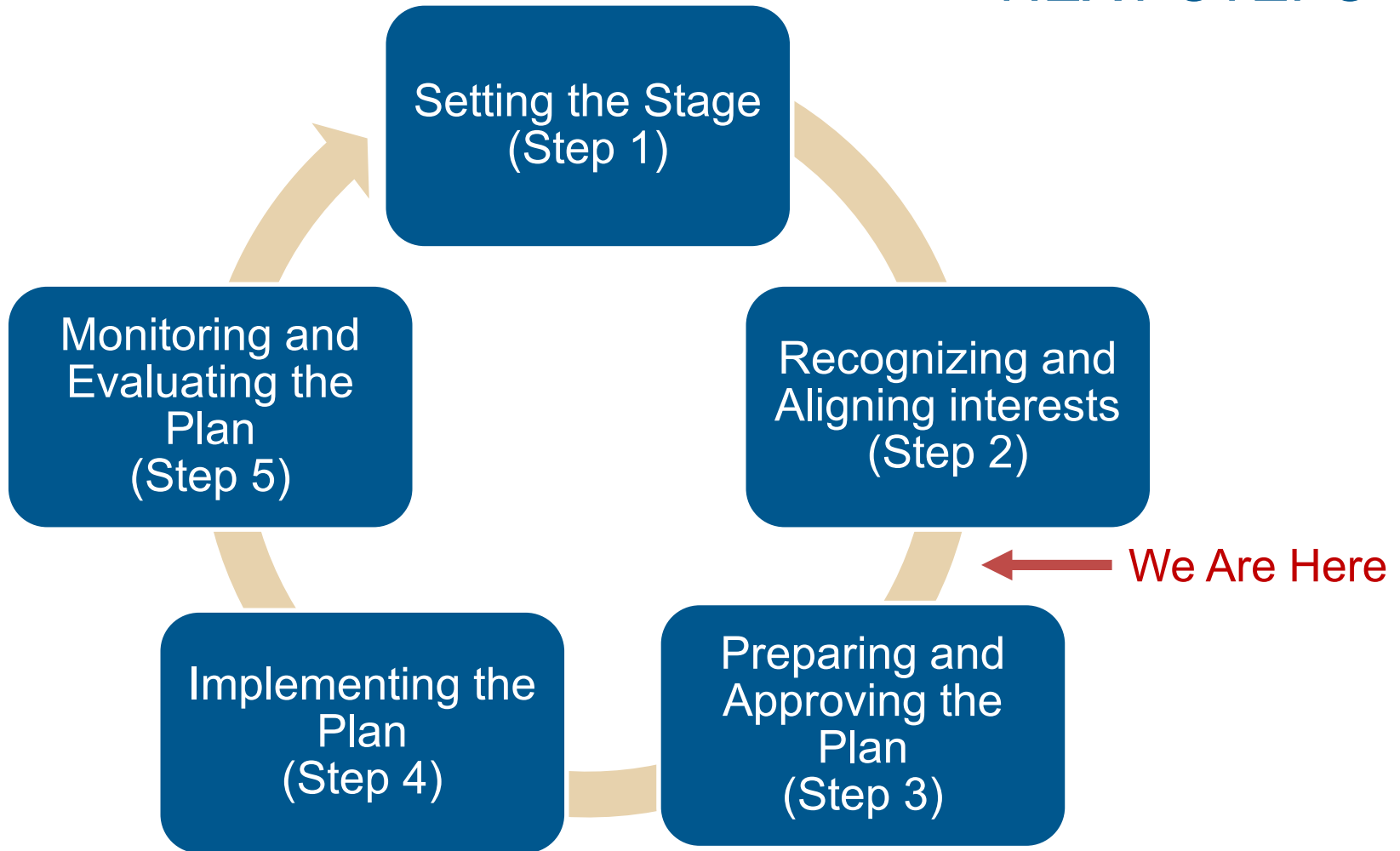
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EXAMPLE

Ensure that future land use change considers the value of existing natural assets and their role in service delivery.

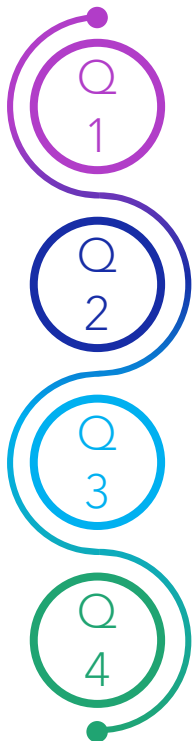
Scoring Sheet						NA-1	
Evaluation Criteria	Poor = 1	Low = 4	Moderate = 7	High = 10	% Weight	Score	Final Score
Environmental							
Pollutant Removal	Negligible effect on pollutant removal / water quality	Some pollutant / water quality improvement, difficult to quantify	Moderate but measurable pollutant / water quality improvement expected	High, measurable pollutant / water quality improvement expected	1.5	7	10.5
Climate Action Strategy	Does not support Climate Change Mitigation / Adaptation	Somewhat supports Climate Change Mitigation / Adaptation	Mostly supports Climate Change Mitigation / Adaptation	Able to support Climate Change Mitigation / Adaptation	1.3	10	13
Economic							
Implementation Costs	Capital costs are very high relative to anticipated project benefits	Capital costs are moderately high vs. anticipated project benefits	Capital costs are moderately low vs. anticipated project benefits	Capital costs are low relative to benefits (i.e., excellent cost/benefit ratio)	1.1	9	9.9
Ongoing Costs	Operating & Maintenance costs are very high relative to benefits	Operating & Maintenance costs are moderately high vs. benefits	Operating & Maintenance costs are moderately low vs. benefits	Operating & Maintenance costs are low relative to anticipated project benefits	1.1	9	9.9
Social							
Stakeholder Beneficiary	No multi stakeholder beneficiary	Minor multi stakeholder beneficiary benefits (helps 1-2 partners)	Moderate multi stakeholder beneficiary benefits (helps 3-4 partners)	Significant multi stakeholder beneficiary benefits (helps >5 partners)	1	8	8
Ease of Implementation	Likely obtrusive; noise, odor, dust, traffic disruptions and/or complaints are likely	Moderate expectations for noise, odor, dust, traffic disruptions and/or complaints	Some/few disruptions and/or complaints are expected	Low-profile; low/no odors, noise, dust, traffic disruptions and/or complaints expected	1	10	10
						Total	61.3

NEXT STEPS



ROADMAP

2022



MILESTONE

- First Committee Meeting
- 1st Information Report to Council

MILESTONE

- Second Committee Meeting
- Inventory of Actions Development

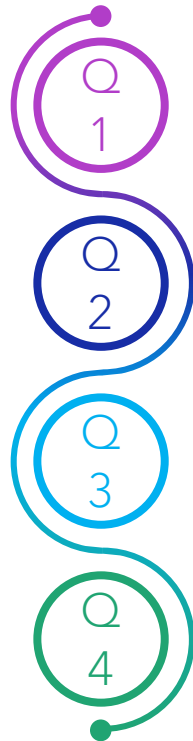
MILESTONE

- Third Committee Meeting

MILESTONE

- Fourth Committee Meeting
- Scoring Assessment & Gap Analysis

2023



MILESTONE

- Fifth Committee Meeting
- Workshops

MILESTONE

- Sixth Committee Meeting
- 2nd Information Report to Council

MILESTONE

- Seventh Committee Meeting
- Stakeholder Comments Addressed

MILESTONE

- Eighth Committee Meeting
- Engage Hamilton

2024



MILESTONE

- Ninth Committee Meeting
- Consultant review

MILESTONE

- Tenth Committee Meeting
- Finalize Action Plan

MILESTONE

- Eleventh Committee Meeting
- Recommendation Report to Council

MILESTONE

- Financing Strategy Outlined in the 2025 Rates Budget Report



Hamilton

THANK YOU