

# Terrapure Environmental

## Stoney Creek Regional Facility (SCRF) Environmental Assessment (EA) Process

City of Hamilton Planning Committee  
September 18, 2018



# Proposed Changes to the SCRF

- Terrapure is seeking approval to increase the capacity for solid, non-hazardous industrial residual material at the SCRF by 3,680,000m<sup>3</sup>.
- Currently, the SCRF is permitted to receive both industrial fill and residual material. Terrapure only accepts material that cannot otherwise be reasonably diverted.

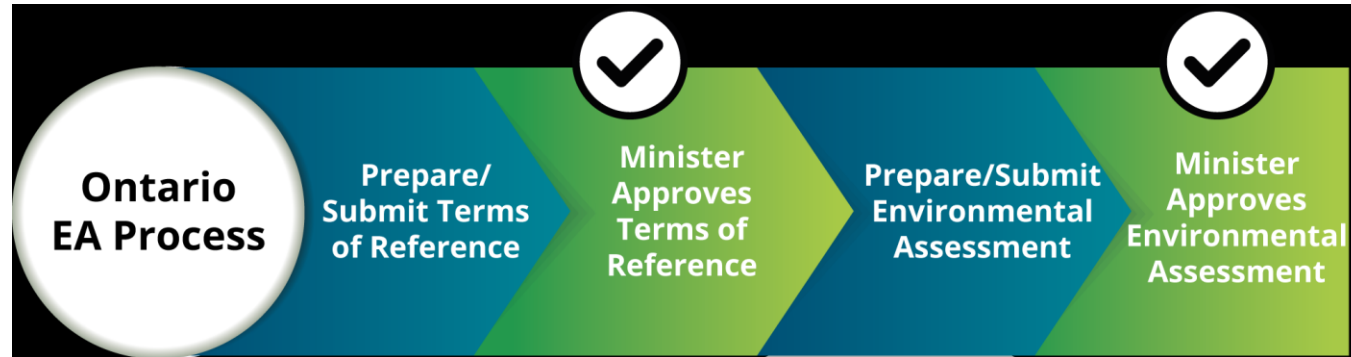


# EA Process

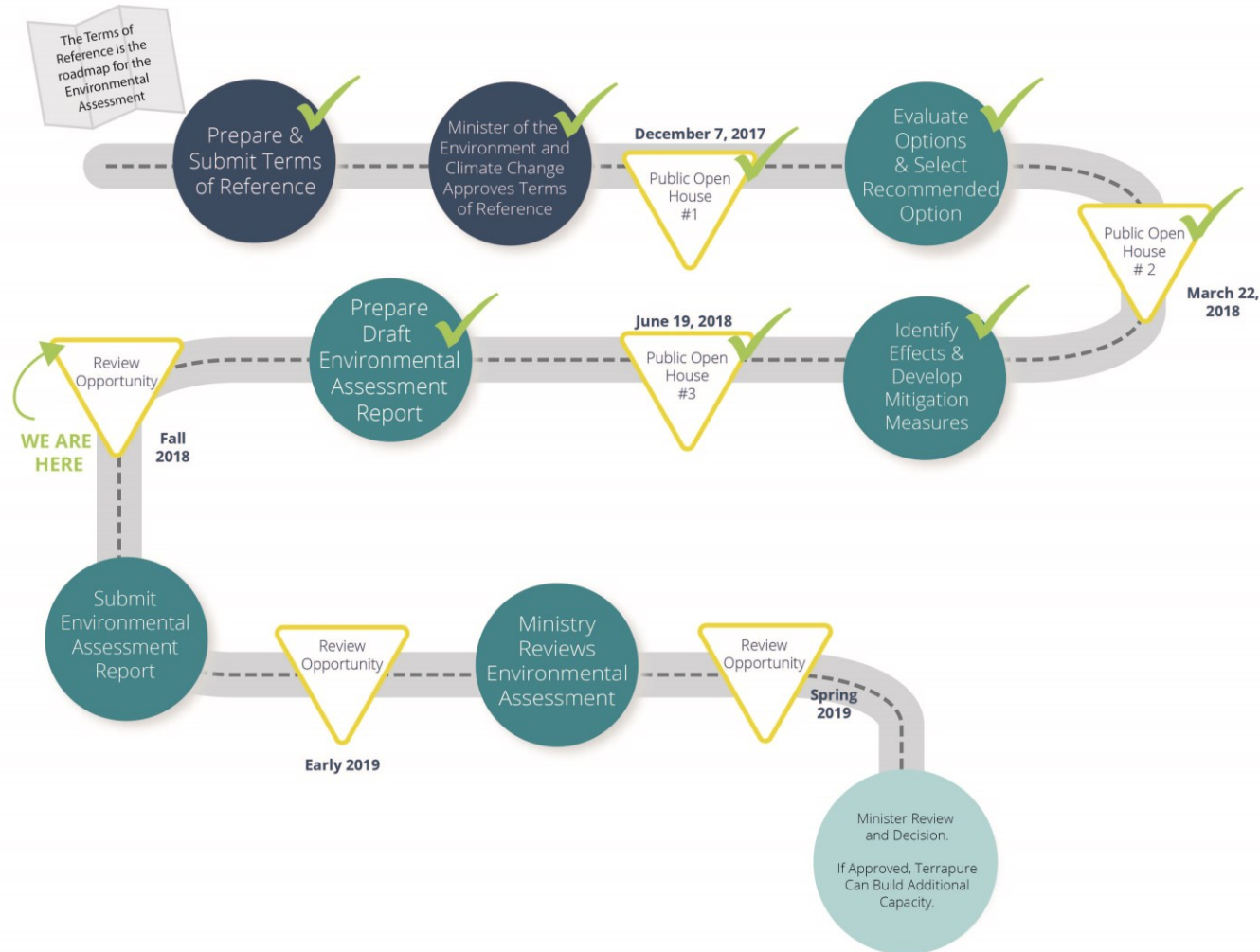
## Key components of an EA include:

- Consultation with government agencies and the public
- Consideration and evaluation of options
- Management of potential environmental effects

The full Individual EA process is the most rigorous and comprehensive process available



# SCRF EA Roadmap



# Preferred Option 5:

## *Reconfiguration & Height Increase*

### Details

- Replaces industrial fill with residual material
- An additional 3.68 million m<sup>3</sup> of residual material
- Height increase of 2.5m
- Maintains current buffer area



# Why is Option 5 Preferred?

- Technically feasible design
- Meets the proposed capacity increase being sought through the EA
- Height increase can be screened through variety of means including berms, tree plantings, fencing, etc.
- Effects to the natural environment and surrounding community are minimized by impact management measures

# Studies during the EA

- In the EA, the following environmental components were assessed for the preferred option:
  1. Geology and Hydrogeology
  2. Surface Water
  3. Natural Environment
  4. Land Use
  5. Economic
  6. Atmospheric Environment  
(Noise, Odour, Air Quality)
  7. Human Health
  8. Transportation
  9. Design and Operations

\*Climate Change (mitigation/adaptation) and Cumulative Effects were also assessed
- In addition, an Independent Peer Review Process was completed by Dr. Kerry Rowe

# Consultation Activities during the EA





# How was the City Consulted?

Consultation Activity	Details
<b>Notices</b>	<ul style="list-style-type: none"><li>• Notice of Commencement – November 17, 2017</li><li>• Open House #1 – December 7, 2017</li><li>• Open House #2 – March 22, 2018</li><li>• Open House #3 – June 19, 2018</li></ul>
<b>GRT Webinars</b>	<ul style="list-style-type: none"><li>• GRT Meeting #1 – December 8, 2017</li><li>• GRT Meeting #2 – March 23, 2018</li><li>• GRT Meeting #3 – June 20, 2018</li></ul>
<b>Individual Meetings</b>	<ul style="list-style-type: none"><li>• Meeting 1 – January 8, 2018</li><li>• Meeting 2 – March 26, 2018</li><li>• Meeting 3 – May 1, 2018</li><li>• Meeting 4 – June 28, 2018</li><li>• Meeting 5 – August 8, 2018</li></ul>

# How was the City Consulted?

Consultation Activity	Details
<b>Circulation of Draft Reports</b>	<ul style="list-style-type: none"><li>• Draft Workplans</li><li>• Draft Existing Conditions Reports</li><li>• Draft Detailed Impact Assessment Reports</li></ul>
<b>Circulation of Preliminary Draft Environmental Assessment</b>	<ul style="list-style-type: none"><li>• July 30, 2018*</li></ul>
<b>Circulation of Draft Environmental Assessment</b>	<ul style="list-style-type: none"><li>• August 31 – October 26, 2018</li></ul>

# Incorporating City Comments

- City provided comments at each key consultation milestone.
- Received comments from variety of Departments/Groups including: Real Estate, Planning, Source Water Protection, Public Health, Finance, Council.
- Terrapure responded with a formal letter and table outlining how comments received were considered/addressed.
- All comments received to-date have been addressed in the Draft SCRF EA.

# Incorporating City Comments

Comment from the City of Hamilton	How it was Considered
Include a reference to existing compensation agreement as part of the Land Use and Economic Existing Conditions Report.	A section on existing compensation was added.
The Residential Development Activity should include a reference to residential development proposals currently being reviewed by the City of Hamilton that fall within the Study Area.	Residential Development Activity was added to the Land Use and Economic Existing Conditions Report

# Incorporating City Comments

Comment from the City of Hamilton	How it was Considered
Reference historical background noise to substantiate the ambient sound level as part of the Noise Control Study in the future.	References to the background noise reports were added.
Add a figure identifying location of approved residential developments to the north, which must be included as a sensitive receptor.	A figure identifying the residential properties was added to identify as a sensitive receptor.
Request to add within the conclusion section of the Alternative Methods Report, the details for next steps which should include assessing impacts the SCRF EA will have on existing agreements with the City and Heritage Green Community Trust.	Terrapure has committed to meeting with the City to discuss the possibility of establishing a new host/compensation agreement in relation to the proposed undertaking.

# What's Next?

- After this 7-week draft EA period there will be at least two more opportunities for input into the EA. They include:
  - Reviewing and providing comment to the Ministry of the Environment Conservation, and Parks on the Final EA Report (7 weeks)
  - Reviewing and providing comment on the Ministry's review of the Final EA Report (5 weeks)

# Questions?



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