

# Senior Management Team

## Restoration and Infrastructure 2020 Divisional Priorities

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# Restoration & Infrastructure – Top 2020 Priorities

**Strategy 1 – Green the Toronto region’s economy, Strategy 2 - Manage our regional water resources for current and future generation, Strategy 7 – Build partnerships and new business models**

- **Reduce Erosion Risk in our Jurisdiction**
  - i. Expand municipal infrastructure hazard monitoring for York Region (Q3), Peel Region (Q3), City of Brampton (late Q1), and City of Toronto (Q4)
  - ii. Assist CoT with emergency flood mitigation works at the Toronto Islands (and other partners upon request) - Q1 and onwards
  - iii. Lead the stabilization of the Leslie Street Spit, TTP
    - Supports financial resiliency through partnerships and FFS work
    - Provides opportunities to advance green infrastructure

**Strategy 1 – Green the Toronto region’s economy, Strategy 3 – Rethink greenspace to maximize its value, Strategy 4 - Create complete communities that integrate nature and the built environment, Strategy 7 - Build partnerships and new business models**

- **Advance the TRCA Trail Strategy for Planning to Implementation**
  - i. Execute agreements with our municipal partners through FFS work under the MOU initiative
    - Provides more accessible greenspace
    - Integrates trails into new development of to provide multiple community benefits
    - Supports financial resiliency through partnerships and FFS work

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**Strategy 1- Green the Toronto region's economy, Strategy 3- Rethink greenspace to maximize its value, Strategy 4 – Create complete communities that integrate nature and the built environment, Strategy 7- Build partnerships and new business models**

- **Enhance Planting and Natural Cover Programs**

- i. Consolidate similar programs in R&I to maximize resources and eliminate gaps and duplications
- ii. Expand programs to support the CoT Ravine Strategy
- iii. Expand canopy cover on private property
  - Restores greenspace
  - Protects natural heritage and integrate into communities
  - Supports financial resiliency through partnerships and FFS work

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- **Advance Restoration and Resource Management**

- i. Implement ecological restoration works in RNUP
- ii. Revitalize 200 hectares of hydro corridor through the Meadoway project
- iii. Build new habitat and managing invasives at TTP
- iv. Manage EAB-related tree hazards
- v. Numerous wetland, natural channel, meadow and riparian projects
  - Maximizes use of greenspace while respecting environmental value
  - Integrates natural into the built environment
  - Supports financial resiliency through partnerships and FFS work

# Restoration & Infrastructure – Top 2020 Priorities

**Strategy 2 - Manage our regional water resources for current and future generation, Strategy 9 - Measure performance, Strategy 10 - Accelerate innovation**

- **Modernize R&I Programs with the Best Tools and Technology**

- i. Upgrade the survey program with drones / photogrammetry and new hydrographic equipment and software
- ii. Roll out new resourcing and scheduling software for more efficient capital project delivery with ITRM
  - Expedite capital projects related to protecting water resources
  - Invest in digital strategies
  - Accelerate innovation

**Strategy 1- Green the Toronto region's economy, Strategy 5 - Foster sustainable citizenship, Strategy 7- Build partnerships and new business models, Strategy 8- Gather and share the best sustainability knowledge**

- **Apply R&I Specialized Knowledge and Expertise**

- i. SWMP maintenance – handling excess/contaminated sediment
- ii. Stewardship expertise – in cooperation with Education and Training
- iii. Aquatic and terrestrial monitoring – Watershed Plans (specifically Humber in 2020), compliance monitoring for various projects including Ashbridges Bay Landform, Don Portlands, Gibraltar Point; ELC mapping and other data collected for applications to DES
- iv. Publish the TWAHRS Update Report – techniques developed will be used to measure performance of existing WF projects and support the design of future projects
- iii. Leverage archaeological services to protect cultural resources and support expediting capital projects
  - Foster sustainable citizenship
  - Gather and share the best sustainability knowledge
  - Supports financial resiliency through partnership and FFS work

# Restoration & Infrastructure – Top 2020 Priorities

**Strategy 3- Rethink greenspace to maximize its value, Strategy 4 – Create complete communities that integrate nature and the built environment, Strategy 7- Build partnerships and new business models**

- **Develop a Soil Management Strategy**
  - i. Identify potential future fill sites
  - ii. Develop an in-house soil management service
    - Provide more accessible greenspace
    - Integrate trails into new development of to provide multiple community benefits
    - Supports financial resiliency through partnerships

# Thank you

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