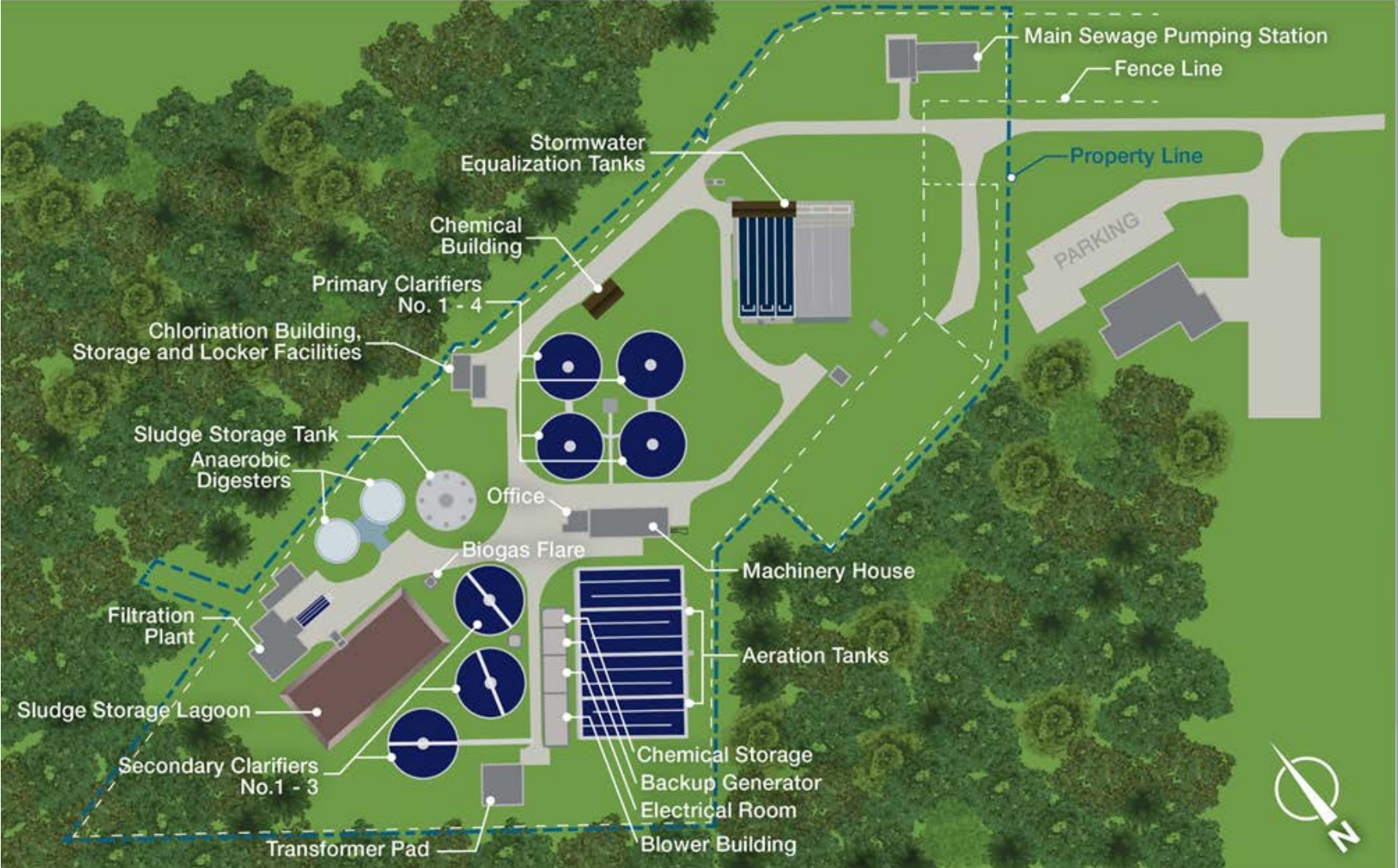


Stratford Net Zero Project

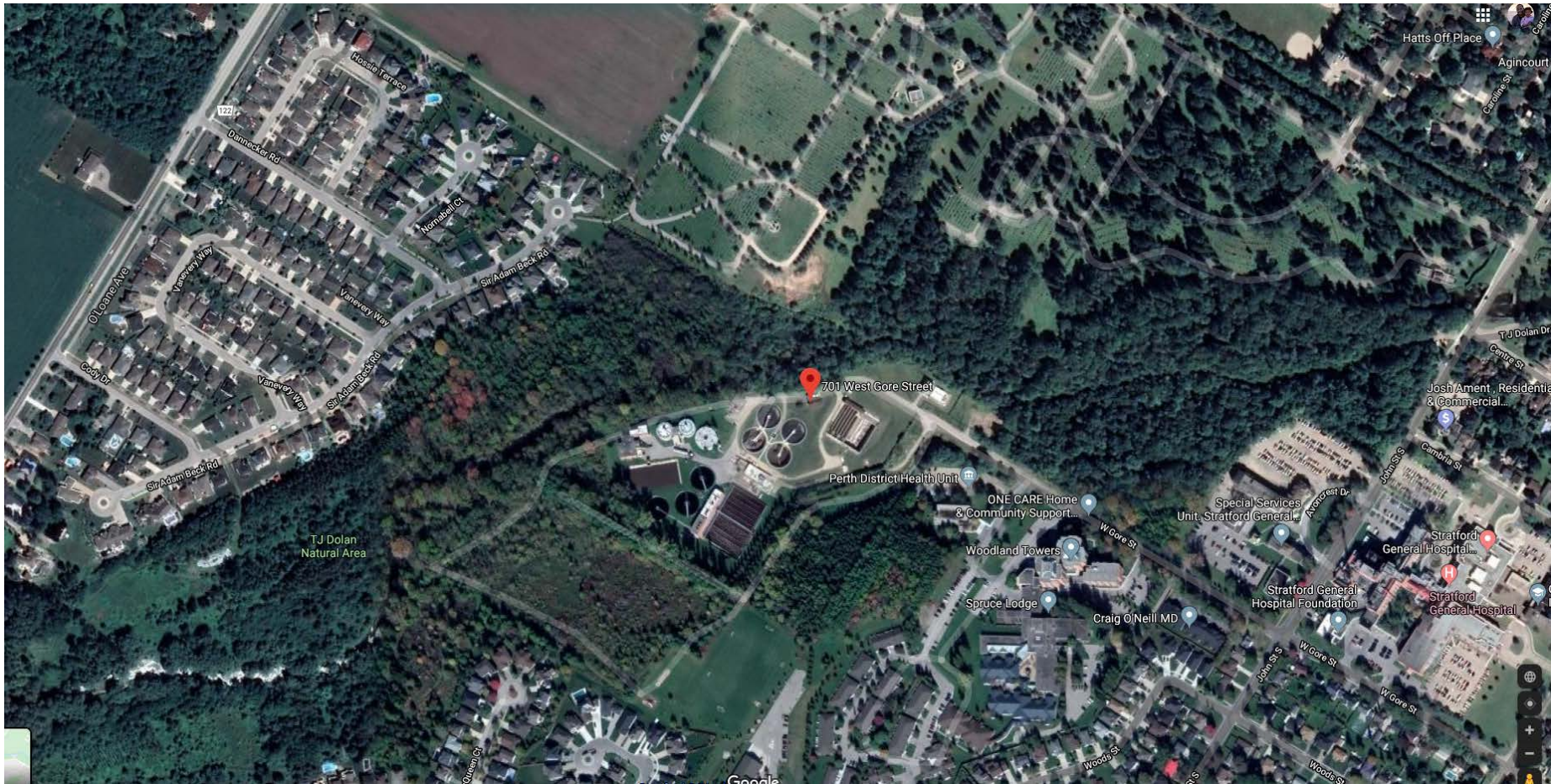


Ed Dujlovic,
February 10, 2020

Existing WWTP



Location and Neighbourhood



Approvals

- Existing WW ECA
- Key Question: Municipal Class EA schedule requirement
- Public Consultation
- Pre meetings with MECP
- One window approach through Innovations branch
- Review team comprised of
 - Air, Noise, Wastewater and Waste

Approvals



- 1) Odour
- 2) Noise
- 3) Traffic
- 4) Emergency Plans
- 5) Digestate Management Plan

Planning- Project Development and Implementation

- Drivers
 - Digester Upgrade
 - Landfill
 - SSO Program
 - Innovative culture
 - Available funding
 - GHG reduction
- Transform the existing facility
 - from cost centre to revenue centre
 - Treatment to recovery

Planning- Project Development and Implementation

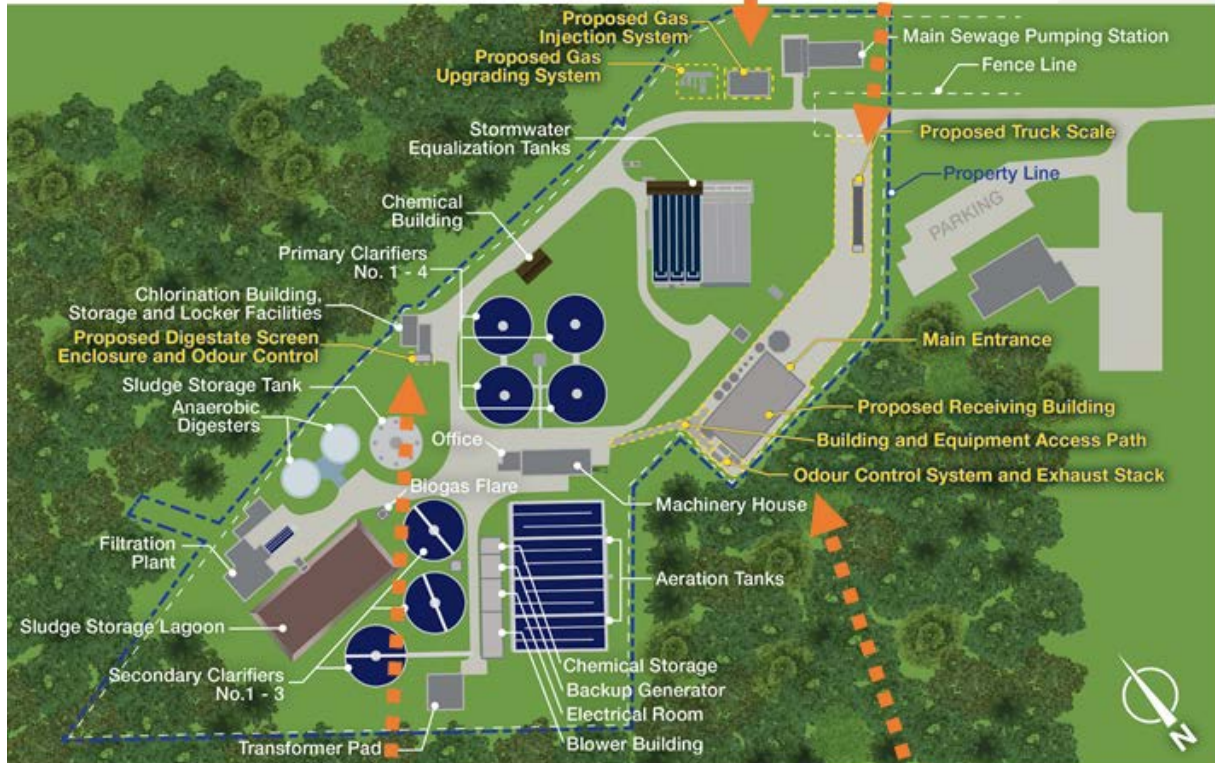
- Drivers
 - Digester Upgrade
 - Landfill
 - SSO Program
 - Innovative culture
 - Available funding
 - GHG reduction
- Transform the existing facility
 - from cost centre to revenue centre
 - Treatment to recovery

Planning- Project Development and Implementation

- Key Stakeholders
 - OCWA and OWC as project developers
 - City: Host and project owner
 - Suez: Technology Provider
 - OCE: Funding Agency
 - Union Gas: RNG Offtake
 - GHD: Engineering Consultant
 - SSO Supplier
 - MECP: Approvals

Construction of a Gas Upgrading and Injection System for processing biogas to RNG

Truck scale to weigh organic waste trucks upon arrival and departure



Construction of a Post Digestate Screen Container for removal of remaining impurities

Construction of a 21 m x 40 m receiving building that will accept and pre-process organic waste

Planning- Project Development and Implementation

- Key Milestones
 - Initial business case
 - Financial Model
 - Pre consultation with MECP and gas utilities
 - Public engagement
 - Council engagement
 - Design engineering

Planning- Project Development and Implementation

- Multiple public engagements
- Site tour for environmental committee members
- Project Approved to proceed on January 13, 2020