



# Appendix K

## Site Screening Criteria and Results

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The draft screening criteria were framed as questions requiring “Yes” or “No” responses similar to the way the preliminary screening criteria were worded in the Minister approved UYSS EA Terms of Reference for assessing the Alternatives To the Undertaking.

**Table K.1: Draft Screening Criteria**

<b>Category</b>	<b>Criteria</b>
<b>Technical</b>	Is the site suitable for construction and operation of a Water Reclamation Centre (considering site characteristics and distance of conveyance infrastructure)?
<b>Natural Environment</b>	Is the Water Reclamation Centre situated more than 120 m from any locally significant wetlands (i.e., non-Provincially Significant Wetlands)?
	Is the Water Reclamation Centre situated more than 120 m from a permanent watercourse/waterbody feature?
<b>Built Environment</b>	Does the Water Reclamation Centre avoid displacing agricultural operations and/or structures?
	Is the Water Reclamation Centre adjacent or have direct access to a regional road?
	Does the Water Reclamation Centre avoid displacing existing residences, businesses, and/or community, institutional and recreational facilities?
<b>Economic Environment</b>	Does the Water Reclamation Centre avoid displacing future land uses?

**Table K.2 – Revisions to Draft Screening Criteria and Rationale**

Original Draft Screening Criterion	Revised Screening Criterion
“Does the Water Reclamation Centre avoid displacing existing residences, businesses, and/or community, institutional, and recreational facilities?”	This criterion was removed.

**Rationale:**

The sites on the long list are all privately owned and have an existing residence, business or portion of a business (which includes harvesting of sod, crops, etc.) on them. Therefore, the application of this draft screening criterion would result in no differentiation among the sites. In other words, all sites would be considered equal from the application of this draft screening criteria.

The preliminary criteria in the UYSS EA Terms of Reference (March 2010) already includes “effects on existing residences, businesses, and/or community, institutional, and recreational facilities”. As a result, the application of this draft screening criterion would be applied in detail during the comparative evaluation of the short list of Alternative Water Reclamation Sites (Task 5). In other words, this draft screening criteria is already accounted for in the UYSS EA. The following indicators are associated with this preliminary criteria:

- Number and type of residences displaced
- Number and type of residences temporarily or permanently disrupted
- Number and characteristics of businesses displaced
- Number and characteristics of businesses temporarily or permanently disrupted
- Number and characteristics of community, institutional, and recreational facilities displaced
- Number and characteristics of community, institutional, and recreational facilities temporarily or permanently disrupted

Original Draft Screening Criterion	Revised Screening Criterion
“Is the Water Reclamation Centre situated more than 120 m from any locally significant wetlands (i.e., non-Provincially Significant Wetlands)?”	Revised to: “Is the suitable area of the Water Reclamation Centre site situated more than 120 m from any locally significant and/or unevaluated wetlands (i.e., non-Provincially Significant Wetlands)?”.

**Rationale:**

During the site generation process, suitable and unsuitable areas for the proposed Water Reclamation Centre were identified for each of the final long list of 22 potential alternative Water Reclamation Centre Sites<sup>1</sup>.

As documented during the Site generation process, suitable areas are defined as unconstrained by sensitive environmental and land use features and include the associated setback (buffer) requirements. In contrast, unsuitable areas are defined as having sensitive environmental and land use features and include the associated setback (buffer) requirements.

Based on this, the proposed Water Reclamation Centre should be constructed on the suitable area of the site. The draft screening criterion was revised because locally significant and/or unevaluated wetlands could be located on the site (within the unsuitable area) but would still be more than 120 m from the suitable area of the site, where the proposed Water Reclamation Centre would be located.

<sup>1</sup> *The Regional Municipality of York, Upper York Sewage Solutions Environmental Assessment, Generation of the Long List of Potential Alternative Water Reclamation Centre Sites, April 2012.*

Original Draft Screening Criterion	Revised Screening Criterion
“Is the Water Reclamation Centre situated more than 120 m from a permanent watercourse/waterbody feature?” was revised to	“Is the suitable area of the Water Reclamation Centre Site situated more than 120 m from a permanent watercourse/waterbody feature?”.

**Rationale:**

This change was based on the same rationale for revising the draft screening criterion regarding locally significant and/or unevaluated wetlands described above.

Original Draft Screening Criterion	Revised Screening Criterion
The draft screening criterion “Is the Water Reclamation Centre adjacent or have direct access to a Regional road?” was revised to	“Does the Water Reclamation Centre Site have direct access to a Regional road”

**Rationale:**

Although a site may have a portion of the property adjacent to a Regional road, direct access may not be possible due to site constraints.

Original Draft Screening Criterion	Revised Screening Criterion
“Does the Water Reclamation Centre avoid displacing future land uses?”	“Is the Water Reclamation Centre site compatible with future land uses?”.

**Rationale:**

Since all of the long list of potential alternative Water Reclamation Centre Sites have a future land use designation associated with them, a future land use would be displaced regardless of which site was selected for the proposed Water Reclamation Centre. Therefore, application of the draft screening criterion would result in no differentiation among the sites

This revision was also made to reflect the importance of considering the compatibility of the Water Reclamation Centre with future land uses as outlined in the Town of East Gwillimbury Consolidated Official Plan adopted by Council (2010) so that it is appropriately integrated into the future vision of the community.

**Upper York Sewage Solutions EA – Environmental Assessment Report**

**Upper York Sewage Solutions EA – Potential Alternative Water Reclamation Centre Site 2 (22610 Leslie Street)**

Site 2 – 22610 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 64 ha with 51 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 220 MASL and 244 MASL, respectively, with a mean elevation of 231 MASL.</li> <li>■ Requires approximately 13 km of new conveyance infrastructure (9.3 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 3.7 km from the site to an available discharge location in the East Holland River at Ravenshoe Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from locally significant and/or unevaluated wetlands (i.e., 463 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>No</b> – the suitable area of the site is located within 120 m from a permanent waterbody (i.e., 93 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within a designated Aggregate Resource Area and Aggregate Extraction Area and the Holland Marsh Specialty Crop Area. A portion of the site includes the designation “Natural Heritage System – Core and Supporting Areas”.</li> </ul>
<p><b>Screening Results:</b> Site 2 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 2 has a relatively large suitable area (51 ha) and a relatively low mean elevation (231 MASL), the site requires a relatively longer distance of new conveyance infrastructure to/from the site (approximately 13 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. There is also a permanent waterbody located within 120 metres from the suitable area of the site and the site is not compatible with future land uses as it is located within a designated Aggregate Resource and Aggregate Extraction Area.</p>	

? " V **Potential Alternative Water Reclamation Centre Site 8 (22356 Leslie Street)**

Site 8 – 22356 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 81.7 ha with 44.7 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 220 MASL and 225 MASL, respectively, with a mean elevation of 222 MASL.</li> <li>■ Requires approximately 13 km of new conveyance infrastructure (7.6 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 5.4 km from the site to an available discharge location in the East Holland River at Ravenshoe Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is within 120 m from locally significant and/or unevaluated wetlands (i.e., on the suitable area of the site).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>No</b> – the suitable area of the site is located within 120 m from a permanent waterbody feature (i.e., on the suitable area of the site).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Prime Agricultural Area, Holland Marsh Specialty Crop Area and Wetland Complex and a portion of the site includes the designation “Natural Heritage System –Supporting Area”.</li> </ul>
<p><b>Screening Results:</b> Site 8 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 8 has a relatively large suitable area (44.7 ha) and a relatively low mean elevation (222 MASL), the site requires a relatively longer distance of new conveyance infrastructure to/from the site (approximately 13 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. In addition, there is a locally significant and/or unevaluated wetland and a permanent waterbody feature located on the suitable area of the site. Site 8 is also not compatible with future land uses as it is located within a designated Prime Agricultural Area.</p>	



## ? " W Potential Alternative Water Reclamation Centre Site 9 (939 Queensville Sideroad)

Site 9 – 939 Queensville Sideroad, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>Yes</b> – when considered holistically, the combination of relatively larger site size and suitable area, relatively lower mean elevation, and/or relatively shorter length of new conveyance infrastructure to/from the site result in a comparatively more suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 38.7 ha with 35.6 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 224 MASL and 269 MASL, respectively, with a mean elevation of 246 MASL.</li> <li>■ Requires approximately 3.9 km of new conveyance infrastructure (1.0 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 2.9 km from the site to an available discharge location in the East Holland River at Queensville Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is within 120 m from locally significant and/or unevaluated wetlands (i.e., 85 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>No</b> – the suitable area of the site is located within 120 m from a permanent waterbody feature (i.e., 99 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., 2nd Concession Road and Queensville Sideroad (Regional Road 77)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is designated as Community Area, Low Density Residential and Open Space. The site also contains an area within the Town of East Gwillimbury's designated Natural Heritage System – Supporting Area. A minor collector road and a secondary school are proposed for this site.</li> </ul>
<p><b>Screening Results:</b> Site 9 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Site 9 has a relatively low mean elevation (246 MASL) and a relatively shorter distance (approximately 3.9 km) of new conveyance infrastructure to/from the site required for the construction and operation of the proposed Water Reclamation Centre. However, the suitable area of the site is located within 120 metres from a locally significant and/or unevaluated wetland and there is a permanent waterbody feature on site. In addition, the site is not compatible with future land uses as the site is designated as Low Density Residential and Community Area and a minor collector road and a secondary school are proposed for this site.</p>	

? " X **Potential Alternative Water Reclamation Centre Site 21 (1742 Boag Road)**

Site 21 – 1742 Boag Road, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 35.3 ha with 32.8 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 223 MASL and 258 MASL, respectively, with a mean elevation of 241 MASL.</li> <li>■ Requires approximately 13 km of new conveyance infrastructure (6.9 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 6.1 km from the site to an available discharge location in the East Holland River at Ravenshoe Road).</li> </ul>
<b>Natural Environment</b>	
3.1 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is within 120 m from locally significant and/or unevaluated wetlands (i.e., on the suitable area of the site).
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a permanent waterbody feature (i.e., 508 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<p><b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).</p> <ul style="list-style-type: none"> <li>■ The site is located on a farm (without residence) with commercial-industrial operation (MPAC Code 220). There is no artificial tile drainage on site.</li> </ul>
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Prime Agricultural Area and a portion of the site includes the designation “Natural Heritage System – Supporting Area”.</li> </ul>
<p><b>Screening Results:</b> Site 21 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 21 has a relatively large suitable area (32.8 ha) and a relatively lower mean elevation (241 MASL), the site requires a relatively longer distance of new conveyance infrastructure to/from the site (approximately 13 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. The site also has a locally significant and/or unevaluated wetland located on the suitable area of the site and displaces existing agricultural operations and/or structures. The site is also not compatible with future land uses as it is located in a designated Prime Agricultural Area.</p>	

? " Y **Potential Alternative Water Reclamation Centre Site 23 (22 Green Lane West)**

Site 23 – 22 Green Lane West, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 83.8 ha with 36.4 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 272 MASL and 294 MASL, respectively, with a mean elevation of 283 MASL.</li> <li>■ Requires approximately 6.9 km of new conveyance infrastructure (3.8 km from 2nd Concession Pumping Station to the site and 3.1 km from the site to an available discharge location in the East Holland River at Green Lane Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a locally significant and/or unevaluated wetland (i.e., 514 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a permanent waterbody feature (i.e., 557 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<p><b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).</p> <ul style="list-style-type: none"> <li>■ The site is located on a farm (with residence) with or without secondary structures and with farm outbuildings (MPAC Code 211). There is no artificial tile drainage on site.</li> </ul>
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Green Lane West (Regional Road 19)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Urban Buffer Area, a Community Area and is within a designated Future Urban / Agricultural (whitebelt) area. The site is part of the Green Lane Corridor (emerging secondary development plans under the Regional Official Plan Amendment (ROPA) 1) and borders a major local centre. A portion of the site includes the designation “Natural Heritage System – Core and Supporting Areas”.</li> </ul>
<p><b>Screening Results:</b> Site 23 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although the site has a relatively large suitable area (36.4 ha) and does not require significant distance of new conveyance infrastructure to/from the site (approximately 6.9 km), the site has a relatively high mean elevation (283 MASL) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. In addition, the site displaces existing agricultural operations and/or structures. The site is also not compatible with future land uses as it is designated as Urban Buffer Area and a Community Area and borders a major local centre and the Green Lane Corridor (emerging secondary development plans under ROPA 1).</p>	

## ? " Z Potential Alternative Water Reclamation Centre Site 24 (20704 2nd Concession Road)

Site 24 – 20704 2 <sup>nd</sup> Concession Road, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>Yes</b> – when considered holistically, the combination of relatively larger site size and suitable area, relatively lower mean elevation, and/or relatively shorter length of new conveyance infrastructure to/from the site result in a comparatively more suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 39.8 ha with 21.1 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 221 MASL and 224 MASL, respectively, with a mean elevation of 222 MASL.</li> <li>■ Requires approximately 2.8 km of new conveyance infrastructure (0.7 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 2.1 km from the site to an available discharge location in the East Holland River at Queensville Sideroad).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a locally significant and/or unevaluated wetland (i.e., 273 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is situated more than 120 m from a permanent waterbody feature (187 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>No</b> – the site does not have a direct access to a Regional road.
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>Yes</b> – the Water Reclamation Centre site is compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within a designated Future Urban / Agricultural (whitebelt) area and a portion of the site includes the designation “Natural Heritage System – Core and Supporting Areas”.</li> </ul>

**Screening Results:** Site 24 was *carried forward* for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was preferred having a greater number of advantages. Although there is no direct access to a Regional road from the site, Site 24 has a relatively large suitable area (approximately 21.1 ha), a relatively low mean elevation (222 MASL) and it requires a relatively shorter distance of new conveyance infrastructure to/from the site (approximately 2.8 km) making it comparatively more suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. There are no locally significant and/or unevaluated wetlands and/or a permanent waterbody feature on the suitable area of the site and it avoids displacing existing agricultural operations / structures. The site is also compatible with future land uses as it is located within a designated Future Urban / Agricultural (whitebelt) area.

? " [ **Potential Alternative Water Reclamation Centre Site 30 (20913 Leslie Street)**

Site 30 – 20913 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>Yes</b> – when considered holistically, the combination of relatively larger site size and suitable area, relatively lower mean elevation, and/or relatively shorter length of new conveyance infrastructure to/from the site result in a comparatively more suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 60.4 ha with 53.1 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 245 MASL and 274 MASL, respectively, with a mean elevation of 258 MASL.</li> <li>■ Requires approximately 9.5 km of new conveyance infrastructure (3.8 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 5.7 km from the site to an available discharge location in the East Holland River at Queensville Sideroad).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from locally significant and/or unevaluated wetland (i.e., 621 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a permanent waterbody feature (i.e., 238 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>Yes</b> – the proposed Water Reclamation Centre site is compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is within designated Future Urban/ Agricultural (whitebelt) area and a portion of the site includes the designation “Natural Heritage System - Core and Supporting Areas”. The site also borders Future Provincial Freeway Corridor and Prime Agricultural Area.</li> </ul>
<p><b>Screening Results:</b> Site 30 was <i>carried forward</i> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was preferred having a greater number of advantages. Although the site has a slightly higher but an acceptable mean elevation (258 m), it has a relatively large suitable area (approximately 53 ha), and it does not require a significant distance of new conveyance infrastructure to/from the site (approximately 9.5 km), making it comparatively more suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. The suitable area of the site is located more than 120 m from locally significant and/or unevaluated wetlands and from a permanent waterbody feature and avoids displacing existing agricultural operations / structures. The site is also compatible with future land uses as the site located within a designated Future Urban / Agricultural (whitebelt) area. Although a portion of the site include the designation “Natural Heritage System – Core Area”, the site is large enough (53.1 ha) to ensure appropriate setback distances are accommodated. There is a small portion of land designated as Prime Agricultural Area located on the unsuitable area of the site.</p>	



? " \ **Potential Alternative Water Reclamation Centre Site 31 (18326 Leslie Street)**

Site 31 – 18326 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and /or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>Yes</b> – when considered holistically, the combination of relatively larger site size and suitable area, relatively lower mean elevation, and/or relatively shorter length of new conveyance infrastructure to/from the site result in a comparatively more suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 63.5 ha with 33.7 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 240 MASL and 270 MASL, respectively, with a mean elevation of 257 MASL.</li> <li>■ Requires approximately 5.5 km of new conveyance infrastructure (2.7 km from 2nd Concession Pumping Station and 2.8 km from the site to an available discharge location in the East Holland River at 2nd Concession Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is located within 120 m from a locally significant and/or unevaluated wetland (i.e., on the suitable area of the site).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>No</b> – the suitable area of the site is located within 120 metres from a permanent waterbody feature (i.e., 112 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is designated as an Urban Buffer Area and a Community Area. The site is located within a Sharon Westside Arterial Study Area and a Major Collector Road and a Local Corridor are also proposed for the site. A portion of the site includes the designation “Natural Heritage System – Core Area”.</li> </ul>
<p><b>Screening Results:</b> Site 31 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although site 31 has a relatively large suitable area (approximately 33.7 ha), a relatively low mean elevation (257 MASL) and does not require a significant distance of new conveyance infrastructure to/from the site (approximately 5.5 km), there is a locally significant and/or unevaluated wetland and a permanent waterbody feature on the suitable area of the site. In addition, the site is not compatible with future land uses as the site is designated as Urban Buffer and Community Area and a major collector road and a local corridor are proposed for this site.</p>	

? " ] **Potential Alternative Water Reclamation Centre Site 40 (21774 Woodbine Avenue)**

Site 40 – 21774 Woodbine Avenue, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 80.5 ha with 34.1 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 238 MASL and 258 MASL, respectively, with a mean elevation of 247MASL.</li> <li>■ Requires approximately 17.1 km of new conveyance infrastructure (7.8 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 9.3 km from the site to an available discharge location in the East Holland River at Ravenshoe Road)</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a locally significant and/or unevaluated wetland (i.e., 982 m).
3.3 Is the Water Reclamation Centre site situated more than 120 m from a permanent waterbody / watercourse feature?	<b>Yes</b> – the suitable area of the site is situated more than 120 m from a permanent waterbody feature (i.e., 324 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<p><b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).</p> <ul style="list-style-type: none"> <li>■ There is artificial tile drainage on site.</li> </ul>
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Woodbine Avenue (Regional Road 8)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Prime Agricultural Area and a portion of the site includes the designation “Natural Heritage System – Core and Supporting Area”.</li> </ul>

**Screening Results:** Site 40 was **not carried forward** for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although the site has a relatively large suitable area (approximately 34.1 ha) and a relatively lower mean elevation (247MASL), the site requires a relatively longer distance of new conveyance infrastructure to/from the site (approximately 17.1 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. In addition, the site displaces existing agricultural operations and/or structures. Site 40 is also not compatible with future land uses as it is located in a designated Prime Agricultural Area.

? " ^ **Potential Alternative Water Reclamation Centre Site 41 (1633 Boag Road)**

Site 41 – 1633 Boag Road, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and/ or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 51.1 ha with 41.3 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 224 MASL and 258 MASL, respectively, with a mean elevation of 241 MASL.</li> <li>■ Requires approximately 13 km of new conveyance infrastructure (6.3 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 6.7 km from the site to an available discharge location in the East Holland River at Ravenshoe Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is located within 120 m from a locally significant and/or unevaluated wetland (i.e., on the suitable area of the site).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is situated more than 120 m from a permanent waterbody feature (i.e., 632 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Prime Agricultural Area and a portion of the site includes the designation “Natural Heritage System-Supporting Area”.</li> </ul>
<p><b>Screening Results: Site 41 was not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 41 has a relatively large suitable area (approximately 41.3 ha) and a relatively lower mean elevation (241MASL), the site requires a relatively longer distance of new conveyance infrastructure to/from the site (approximately 13 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. There is also a locally significant and/or unevaluated wetland located on the suitable area of the site and the site is not compatible with future land uses as it is located within a designated Prime Agricultural Area.</p>	



## ? " .....Potential Alternative Water Reclamation Centre Site 46 (21472 Woodbine Avenue)

Site 46 – 21472 Woodbine Avenue	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and /or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 40.2 ha with 16 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 241 MASL and 253 MASL, respectively, with a mean elevation of 247 MASL.</li> <li>■ Requires approximately 16.3 km of new conveyance infrastructure (7.2 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 9.1 km from the site to an available discharge location in the East Holland River at Queensville Sideroad).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from locally significant and/or unevaluated wetland (i.e., 602 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a permanent waterbody feature (i.e., 1,119 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<p><b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).</p> <ul style="list-style-type: none"> <li>■ There is artificial tile drainage on site.</li> </ul>
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Woodbine Avenue (Regional Road 8)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within a designated Prime Agricultural Area and a portion of the site includes the designation “Natural Heritage System – Core and Supporting Area”.</li> </ul>

**Screening Results:** Site 46 was **not carried forward** for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 46 has a relatively low mean elevation (247 MASL), the site has a relatively small suitable area (approximately 16 ha) and it would require a relatively longer distance of new conveyance infrastructure to/from the site (approximately 16.3 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. Site 46 also displaces existing agricultural operations and/or structures and the site is not compatible with future land uses as it is located within a designated Prime Agricultural Area.

? " ` **Potential Alternative Water Reclamation Centre Site 47 (21593 Leslie Street)**

Site 47 – 21593 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 39.3 ha with 24.5 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 239 MASL and 259 MASL, respectively, with a mean elevation of 249 MASL.</li> <li>■ Requires approximately 13 km of new conveyance infrastructure (5.6 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 7.4 km an available discharge location in the East Holland River at Ravenshoe Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a locally significant and/or unevaluated wetland (i.e., 276 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a permanent waterbody features (i.e., 680 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Prime Agricultural Area and a portion of the site includes the designation “Natural Heritage System – Core Area”.</li> </ul>
<p><b>Screening Results:</b> Site 47 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 47 has a relatively large suitable area ( approximately 24.5 ha) and a relatively low mean elevation (249 MASL), the site requires a longer distance of new conveyance infrastructure to/from the site (approximately 13 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. Site 47 also displaces existing agricultural operations and/or structures and the site is not compatible with future land uses as it is located within a designated Prime Agricultural Area.</p>	

? " a **Potential Alternative Water Reclamation Centre Site 50 (19575 2nd Concession Road)**

Site 50 – 19575 2nd Concession Road, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>Yes</b> – when considered holistically, the combination of relatively larger site size and suitable area, relatively lower mean elevation, and/or relatively shorter length of new conveyance infrastructure to/from the site result in a comparatively more suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 36.9 ha with 23.4 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 248 MASL and 270 MASL, respectively, with a mean elevation of 258 MASL.</li> <li>■ Requires approximately 5.3 km of new conveyance infrastructure (2.0 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 3.3 km from the site to an available discharge location in the East Holland River at 2nd Concession Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is located within 120 m from a locally significant and/or unevaluated wetland (i.e., on the suitable area of the site).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a permanent waterbody feature (i.e., 348 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<p><b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).</p> <ul style="list-style-type: none"> <li>■ The site is located on a farm without residence - with commercial-industrial operation (MPAC Code 220) and there is artificial tile drainage on site.</li> </ul>
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., 2nd Concession Road).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is designated as Low Density Residential and Open Space. There is a proposed Collector Road (Doane Road alignment under review through an Environmental Assessment), Proposed Park and a Proposed Elementary School. A portion of the site includes the designation “Natural Heritage System – Core and Supporting Area”.</li> </ul>
<p><b>Screening Results:</b> Site 50 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although the site has a slightly higher but an acceptable mean elevation (258 MASL), the site has a relatively large suitable area (approximately 23.4 ha) and does not require significant length of new conveyance infrastructure to/from the site (approximately 5.3 km) making it comparatively more suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. However, there is a locally significant and/or unevaluated wetland located on the suitable area of the site and it displaces existing agricultural operations and/or structures. In addition, the site is not compatible with future land uses as the site is designated as Low Density Residential area and there are a proposed collector road, proposed park and proposed elementary school at the site.</p>	

? " b **Potential Alternative Water Reclamation Centre Site 51 (21922 Leslie Street)**

Site 51 – 21922 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and /or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 81.4 ha with 33.1 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 220 MASL and 223 MASL, respectively, with a mean elevation of 222 MASL.</li> <li>■ Requires approximately 13 km of new conveyance infrastructure (6.3 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 6.7 km from the site to an available discharge location in the East Holland River at Ravenshoe Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is located within 120 m from locally significant and/or unevaluated wetland (i.e., 28 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a permanent waterbody feature (i.e., 984 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Prime Agricultural Area and Holland Marsh Specialty Crop Area and Wetland Complex. A portion of the site includes the designation “Natural Heritage System – Core and Supporting Area”.</li> </ul>
<p><b>Screening Results:</b> Site 51 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 51 has a relatively large suitable area (approximately 33.1 ha) and a relatively low mean elevation (222 MASL), the site requires a relatively longer distance of new conveyance infrastructure to/from the site (approximately 13 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. The suitable area of the site is also located within 120 metres from a locally significant and/or unevaluated wetland and the site is not compatible with future land uses as it is located in a designated Prime Agricultural Area.</p>	

? " c      **Potential Alternative Water Reclamation Centre Site 53 (21413 Leslie Street)**

Site 53 – 21413 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 39.8 ha with 32.5 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 239 MASL and 252 MASL, respectively, with a mean elevation of 246 MASL.</li> <li>■ Requires approximately 10.9 km of new conveyance infrastructure (5.2 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 5.7 km from the site to an available discharge location in the East Holland River at Queensville Sideroad).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a locally significant and/or unevaluated wetland (i.e., 142 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a permanent waterbody feature (i.e., 443 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<p><b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).</p> <ul style="list-style-type: none"> <li>■ There is a farm with residence (with or without secondary structures) with farm outbuildings (MPAC Code 211) and there is artificial tile drainage on site.</li> </ul>
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Prime Agricultural Area and a portion of the site includes the designation “Natural Heritage System – Core Area”.</li> </ul>
<p><b>Screening Results:</b> Site 53 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 21 has a relatively large suitable area (approximately 32.5 ha) and a relatively low mean elevation (246 MASL), the site requires a longer distance of new conveyance infrastructure to/from the site (approximately 10.9 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. The site will displace existing agricultural operations and/or structures and the site is not compatible with future land uses as it is located within a designated Prime Agricultural Area.</p>	

## ? " d Potential Alternative Water Reclamation Centre Site 55 (356 Morning Side Road)

Site 55 – 356 Morning Side Road, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 47.0 ha with 20.8 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 278 MASL and 294 MASL, respectively, with a mean elevation of 286 MASL.</li> <li>■ Requires approximately 8.1 km of new conveyance infrastructure (5.4 km from 2nd Concession Pumping Station and 2.7 km from the site to an available discharge location in the East Holland River at Mount Albert Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from locally significant and/or unevaluated wetland (i.e., 434 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>No</b> – the suitable area of the site is located within 120 m from a permanent waterbody feature (i.e., 67 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or structures (i.e., capital investments such as structures .tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>No</b> – the site does not have a direct access to a Regional road.
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>Yes</b> – the proposed Water Reclamation Centre site is compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is designated as Rural Area and a portion of the site includes the designation “Natural Heritage System – Core and Supporting Areas”. The site is also within a Future Urban/Agricultural (whitebelt) area.</li> </ul>
<p><b>Screening Results:</b> Site 55 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although the site is compatible with future land uses (i.e., Future Urban / Agricultural Area) and it does not require a significant length of new conveyance infrastructure to/from the site (approximately 8.1 km), the site suitable area is relatively smaller (approximately 20.8 ha) and has a relatively high mean elevation (286 MASL) making it comparatively less suitable than the other sites for construction and operation of the proposed Water Reclamation Centre. The site suitable area is located within 120 metres from a permanent waterbody and the site does not have a direct access to a Regional road.</p>	



? " e **Potential Alternative Water Reclamation Centre Site 58 (21786 Leslie Street)**

Site 58 – 21786 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 81.4 ha with 41.0 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 220 MASL and 231 MASL, respectively, with a mean elevation of 224 MASL.</li> <li>■ Requires approximately 13 km of new conveyance infrastructure (5.9 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 7.1 km from the site to an available discharge location in the East Holland River at Ravenshoe Road).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is located within 120 m from a locally significant and/or unevaluated wetland (i.e., on the suitable area of the site).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a permanent waterbody feature (i.e., 871 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<p><b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).</p> <ul style="list-style-type: none"> <li>■ There is artificial tile drainage on site.</li> </ul>
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12))
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Prime Agricultural Area and the Holland Marsh Specialty Crop Area and Wetland Complex. A portion of the site includes the designation “Natural Heritage System – Core Area”.</li> </ul>
<p><b>Screening Results:</b> Site 58 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 58 has a relatively large suitable area (approximately 41.0 ha) and a relatively low mean elevation (224 MASL), the site requires relatively longer distance of new conveyance infrastructure to/from the site (approximately 13 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. The suitable area of the site is also located within 120 metres from a locally significant and/or unevaluated wetland and the site displaces existing agricultural operations and/or structures. In addition, the site is not compatible with future land uses as it is located within a designated Prime Agricultural Area.</p>	

? " f **Potential Alternative Water Reclamation Centre Site 64 (21468 Leslie Street)**

Site 64 – 21468 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 81.0 ha with 49.7 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 220 MASL m and 242 MASL, respectively, with a mean elevation of 228 MASL.</li> <li>■ Requires approximately 12.1 km of new conveyance infrastructure (5.1 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 7.0 km from the site to an available discharge location in the East Holland River at Queensville Sideroad).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is located within 120 m from locally significant and/or unevaluated wetland on site (i.e., on the suitable area of the site).
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>No</b> – the suitable area of the site is located within 120 m from a permanent waterbody feature (i.e., 61 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<p><b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).</p> <ul style="list-style-type: none"> <li>■ There is artificial tile drainage on site.</li> </ul>
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Prime Agricultural Area and the Holland Marsh Specialty Crop Area and Wetland Complex. A portion of the site includes the designation “Natural Heritage System – Core and Supporting Area”.</li> </ul>
<p><b>Screening Results:</b> Site 64 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 64 has a relatively large suitable area (approximately 49.7 ha) and a relatively low mean elevation (228 MASL), the site requires a relatively longer distance of new conveyance infrastructure to/from the site (approximately 12.1 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. There is also a locally significant and/or unevaluated wetland on the suitable area of the site and a permanent waterbody feature within 120 metres from the suitable area of the site. In addition, Site 64 displaces existing agricultural operations and/or structures and is not compatible with future land uses as it is located within a designated Prime Agricultural Area.</p>	



**? " g Potential Alternative Water Reclamation Centre Site 85 (21357 Leslie Street)**

Site 85 – 21357 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 38.3 ha with 25.0 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 236 MASL and 253 MASL, respectively, with a mean elevation of 244 MASL.</li> <li>■ Requires approximately 11.7 km of new conveyance infrastructure (4.9 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 6.8 km from the site to an available discharge location in the East Holland River at Queensville Sideroad).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is located within 120 m from a locally significant and/or unevaluated wetland (i.e., on the suitable area of the site).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a permanent waterbody feature (i.e., 425 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<p><b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).</p> <ul style="list-style-type: none"> <li>■ There is artificial tile drainage on site.</li> </ul>
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Prime Agricultural Area and a portion of the site includes the designation “Natural Heritage System – Core and Supporting Areas”.</li> </ul>
<p><b>Screening Results:</b> Site 85 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it is less preferred having a greater number of disadvantages. Although Site 85 has a relatively large suitable area (approximately 25 ha) and a relatively lower mean elevation (244 MASL), the site requires a relatively longer distance of new conveyance infrastructure (approximately 11.7 km) making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. There is also a locally significant and/or unevaluated wetland on the suitable area of the site and the site displaces existing agricultural operations and/or structures. In addition, the site is not compatible with future land uses, as it is located within a designated Prime Agricultural Area.</p>	

? " h **Potential Alternative Water Reclamation Centre Site 95 (20733 Leslie Street)**

Site 95 – 20733 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>No</b> – when considered holistically, the combination of relatively smaller site size and suitable area, relatively higher elevation, and/or relatively longer distance of new conveyance infrastructure to/from the site, result in a comparatively less suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 65.5 ha with 36.7 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 256 MASL and 281 MASL, respectively, with a mean elevation of 267 MASL.</li> <li>■ Requires approximately 8.3 km of new conveyance infrastructure (3.2 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 5.1 km from the site to an available discharge location in the East Holland River at Queensville Sideroad).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from a locally significant and/or unevaluated wetland (i.e., 471 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>No</b> – the suitable area of the site is located within 120 m from a permanent waterbody feature (i.e., on the suitable area of the site).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<p><b>No</b> – the site displaces agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).</p> <ul style="list-style-type: none"> <li>■ The site is located on vacant residential land not on water (MPAC Code 100). There is no artificial tile drainage on site.</li> </ul>
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>No</b> – the proposed Water Reclamation Centre site is not compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ Although the site is located within Future Urban / Agricultural Area (whitebelt area), the site is within the designated Queensville Land Use Plan Area with designations for a Post Secondary Institution and Low Density Residential areas. The site is also located within designated Prime Agricultural Area and a portion of the site includes the designation “Natural Heritage System – Core and Supporting Areas”. The site also borders Controlled Access Highway Under Construction (Highway 404).</li> </ul>
<p><b>Screening Results:</b> Site 95 was <b>not carried forward</b> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was less preferred having a greater number of disadvantages. Although Site 95 has a relatively large suitable area (approximately 36.7 ha) and requires relatively shorter distance of new conveyance infrastructure (approximately 8.3 km), the site has a relatively high mean elevation (267 MASL), making it comparatively less suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. There is also a permanent waterbody feature located on the suitable area of the site and the site displaces existing agricultural operations and/or structures. In addition, the site is not compatible with future land uses, as it is located within a designated Prime Agricultural Area and is within the designated Queensville Land Use Plan with designations for a Post Secondary Institution and Low Density Residential areas.</p>	

? " i **Potential Alternative Water Reclamation Centre Site WH 1(20908/20854 Leslie Street)**

Site WH 1 - 20908/20854 Leslie Street, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.3 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>Yes</b> – when considered holistically, the combination of relatively larger site size and suitable area, relatively lower mean elevation, and/or relatively shorter length of new conveyance infrastructure to/from the site result in a comparatively more suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 122 ha with 74.3 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 220 MASL and 277 MASL, respectively, with a mean elevation of 245 MASL.</li> <li>■ Requires approximately 5 km of new conveyance infrastructure (1.6 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 3.4 km from the site to an available discharge location in the East Holland River at Queensville Sideroad).</li> </ul>
<b>Natural Environment</b>	
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>Yes</b> – the suitable area of the site is located more than 120 m from locally significant and/or unevaluated wetlands (i.e., 205 m).
3.3 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>No</b> – the suitable area of the site is located within 120 m from a permanent waterbody feature (i.e., 53 m).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Leslie Street (Regional Road 12)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>Yes</b> – the proposed Water Reclamation Centre site is compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within designated Future Urban / Agricultural (whitebelt) area and a portion of the site includes the designation “Natural Heritage System – Core and Supporting Areas”. The site borders Future Provincial Freeway Corridor.</li> </ul>
<p><b>Screening Results:</b> Site WH 1 was <i>carried forward</i> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was preferred having a greater number of advantages. Although there is a permanent waterbody feature within 120 m from suitable area of the site and a portion of the site includes the designation “Natural Heritage System – Core Area”, the suitable area of site is large enough (approximately 74.3 ha) to ensure appropriate setback distances are accommodated. In addition, the site has a relatively lower mean elevation (245MASL) and requires relatively shorter distance (approximately 5 km) of new conveyance infrastructure to/from the site, making it comparatively more suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. The site also avoids displacing existing agricultural operations and/ or structures and the site is compatible with future land uses as it is designated as Future Urban / Agricultural (whitebelt) area.</p>	

**? " j Potential Alternative Water Reclamation Centre Site WH-2 (1004 Queensville Sideroad/ 20709-20733 2nd Concession Road)**

Site WH 2 – 1004 Queensville Sideroad/ 20709-20733 2nd Concession Road, East Gwillimbury	
Screening Criteria	Application Results
<b>Technical</b>	
3.1 Is the Water Reclamation Centre site suitable for the construction and operation of a Water Reclamation Centre (i.e. site size, suitable area, elevation and / or total distance of new conveyance infrastructure (to/from Water Reclamation Centre))?	<p><b>Yes</b> – when considered holistically, the combination of relatively larger site size and suitable area, relatively lower mean elevation, and/or relatively shorter length of new conveyance infrastructure to/from the site result in a comparatively more suitable site for the construction and operation of the proposed Water Reclamation Centre.</p> <ul style="list-style-type: none"> <li>■ Total site size is 114.8 ha with 55.4 ha suitable area.</li> <li>■ Suitable area has minimum and maximum elevation of 222 MASL and 272 MASL, respectively, with a mean elevation of 239 MASL.</li> <li>■ Requires approximately 3.6 km of new conveyance infrastructure (0.85 km from Queensville West Pumping Station located on 2nd Concession Road just south of Queensville Sideroad to the site and 2.7 km to an available discharge location in the East Holland River at Queensville Sideroad).</li> </ul>
<b>Natural Environment</b>	
3.1 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from locally significant and/or unevaluated wetlands (i.e., non Provincially Significant Wetland)?	<b>No</b> – the suitable area of the site is located within 120 m from locally significant and/or unevaluated wetlands (i.e., on the suitable area of the site).
3.2 Is the suitable area of the Water Reclamation Centre site situated more than 120 m from a permanent waterbody/ watercourse feature?	<b>No</b> – the suitable area of the site is located within 120 m from a permanent waterbody feature (i.e., on the suitable area of the site).
<b>Built Environment</b>	
3.4 Does the Water Reclamation Centre site avoid displacing any agricultural operations and/or structures?	<b>Yes</b> – the site avoids displacing agricultural operations and/or / structures (i.e., capital investments such as structures, tile drainage etc.).
3.5 Does the Water Reclamation Centre site have direct access to a Regional road?	<b>Yes</b> – the site has a direct access to a Regional road (i.e., Queensville Sideroad (Regional Road 77)).
<b>Economic Environment</b>	
3.6 Is the Water Reclamation Centre site compatible with future land uses?	<p><b>Yes</b> –the proposed Water Reclamation Centre site is compatible with future land uses as identified in the Town of East Gwillimbury Consolidated Official Plan (2010).</p> <ul style="list-style-type: none"> <li>■ The site is located within Future Urban / Agricultural (whitebelt) area and a portion of the site includes the designation “Natural Heritage System – Core and Supporting Areas”.</li> </ul>
<p><b>Screening Results:</b> Site WH 2 was <i>carried forward</i> for comparative evaluation because, when compared to the other long list of potential alternative Water Reclamation Centre sites, it was preferred having a greater number of advantages. Although there is a locally significant and/or unevaluated wetland and a waterbody feature located on the suitable area of the site and designated portion of the site includes the designation “Natural Heritage System – Core Area”, the suitable area of the site is large enough (approximately 55.4 ha) to ensure appropriate setback distances are accommodated. Site WH 2 also has a relatively lower mean elevation (239 MASL) and would require relatively shorter distance of new conveyance infrastructure to/from the site (approximately 3.6 km) making it comparatively more suitable than the other sites for the construction and operation of the proposed Water Reclamation Centre. In addition, the site avoids displacing existing agricultural operations and/ or structures and the site is compatible with future land uses as it is designated as Future Urban/ Agricultural (whitebelt) area.</p>	