**ESS Group:** Water Crossing

<table>
<thead>
<tr>
<th>Sec-Seg ID</th>
<th>ESS ID</th>
<th>ESS Name</th>
<th>Easting</th>
<th>Northing</th>
<th>UTM Zone</th>
<th>Channel Width</th>
<th>Wet Width</th>
<th>Fish Habitat Class</th>
<th>Habitat Sensitivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2-S8</td>
<td>C2-Aqua-122</td>
<td>Drain</td>
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<td>No Data</td>
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<td>No Data</td>
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**Potential Effects:**

Habitat loss and contamination from structure foundations & installations; increased erosion & sedimentation of streams;
Drainage to stream is Feasible, loss of riparian vegetation

**Specific Mitigation:**

- Carry out construction activities on frozen ground to minimize surface damage, rutting and erosion
- Use existing trails, roads or cut lines whenever possible as access routes
- Identify and flag buffer areas prior to start of work
- Riparian Buffers shall be a minimum of 30m and increase in size based on slope of land entering waterway. Within these buffers shrub and herbaceous understory veg will be maintained along with trees that do not violate MH Veg Clearance Requirements.
- In no machine zone we restrict equipment in close proximity to the waterbody except at the trail crossing.

---

**ESS Group:** Water Crossing

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<th>Location</th>
<th>Start</th>
<th>Stop</th>
<th>UTM Zone</th>
<th>Distance</th>
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<tbody>
<tr>
<td>C2-S8</td>
<td>C2-Aqua-121</td>
<td>Small, unnamed waterbody</td>
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<td>E-508885 N-5615583</td>
<td>E-508887 N-5615576</td>
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<td>7m</td>
</tr>
</tbody>
</table>

**Potential Effects:**

Increased erosion and sedimentation; rutting of floodplains; loss of riparian vegetation

**Specific Mitigation:**

- Riparian Buffers shall be a minimum of 30m and increase in size based on slope of land entering waterway. Within these buffers shrub and herbaceous understory veg will be maintained along with trees that do not violate MH Veg Clearance Requirements.
- In no machine zone will restrict equipment in close proximity to the waterbody except at the trail crossing.
ESS Group: Water Crossing

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<th>Wet Width</th>
<th>Fish Habitat Class</th>
<th>Habitat Sensitivity</th>
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<tbody>
<tr>
<td>C2-S9</td>
<td>C2-Aqua-123</td>
<td>Drain</td>
<td>510567</td>
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<td>C2-S9</td>
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</table>

Potential Effects:
Habitat loss and contamination from structure foundations & installations; increased erosion & sedimentation of streams; Damage to stream banks; Loss of Riparian vegetation

Specific Mitigation:

- Carry out construction activities on frozen ground to minimize surface damage, rutting and erosion
- Use existing trails, roads or cut lines whenever possible as access routes
- Identify and flag buffer areas prior to start of work
- Riparian Buffers shall be a minimum of 20m and increase in size based on slope of land entering waterway. Within these buffers shrub and herbaceous understory veg will be maintained along with trees that do not violate NH Veg Clearance Requirements.
- 7m no machine zone will restrict equipment in close proximity to the waterbody except at the trail crossing.
### ESS Group: Water Crossing

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<thead>
<tr>
<th>Sec-Seg ID</th>
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</tbody>
</table>

### Potential Effects:
- Habitat loss and contamination from structure foundation & installations; increased erosion & sedimentation of streams;
- Damage to stream banks; Loss of riparian vegetation

### Specific Mitigation:
- Carry out construction activities on frozen ground to minimize surface damage, rutting and erosion
- Use sidewalk trails between in and out lines whenever possible as access routes
- Identify and flag buffer areas prior to start of work
- Riparian Buffers shall be a minimum of 30m and increase in size based on slope of land entering waterway. Within these buffers shrub and herbaceous understory veg will be maintained along with trees that do not violate MH Veg C"Quercus Ripiensis"
- 7m no machine zone will restrict equipment in close proximity to the waterbody except at the trail crossing.

### MAP NUMBER: 265
**ESS Group:** Water Crossing

<table>
<thead>
<tr>
<th>Sec-Seg ID</th>
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**Potential Effects:**

Habitat loss and contamination from structure foundations & installations; increased erosion & sedimentation of streams; Damage to stream banks; Loss of Riparian vegetation

**Specific Mitigation:**

- Carry out construction activities on frozen ground to minimize surface damage, rutting and erosion
- Use existing trails, roads or cut lines whenever possible as access routes
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- 7m no machine zone will restrict equipment in close proximity to the waterbody except at the trail crossing.

**ESS Group:** Forestry

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<th>Sec-Seg ID</th>
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<th>Location</th>
<th>Start</th>
<th>Stop</th>
<th>UTM Zone</th>
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<tbody>
<tr>
<td>C2-S9</td>
<td>C2-Rube-310</td>
<td>Winrows</td>
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<td>E-514356 N-5603146</td>
<td>E-514416 N-5603012</td>
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<td>143m</td>
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**Potential Effects:**

Removal in area of ROW intersect

**Specific Mitigation:**

- Carry out construction activities on frozen or dry ground to minimize surface damage, rutting and erosion
- Identify and flag prior to start of work
- If Burning of clearing debris is required, it must be conducted during winter months only and ensure that all fires are extinguished prior to spring break-up
- Notify landowner regarding construction activities and schedule, and address concerns prior to start of work
- Use existing access trails, roads or cut lines wherever possible as access routes
- Limit all equipment to project footprint only, where possible
- No damage to vegetation on the edge of the Right of Way
- No pushing debris into adjacent timber
No specific mitigation measures for this map, page intentionally left blank.
**ESS Group:** Water Crossing

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<tr>
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<tbody>
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