

APPENDIX K

Breach Analysis – Floodplain, Inundation and Velocity Maps

Long Pond Weir
Environmental Preview Report

Legend

- No Piping Failure (Purple)
- Piping Failure (Yellow)

Drawing Title:

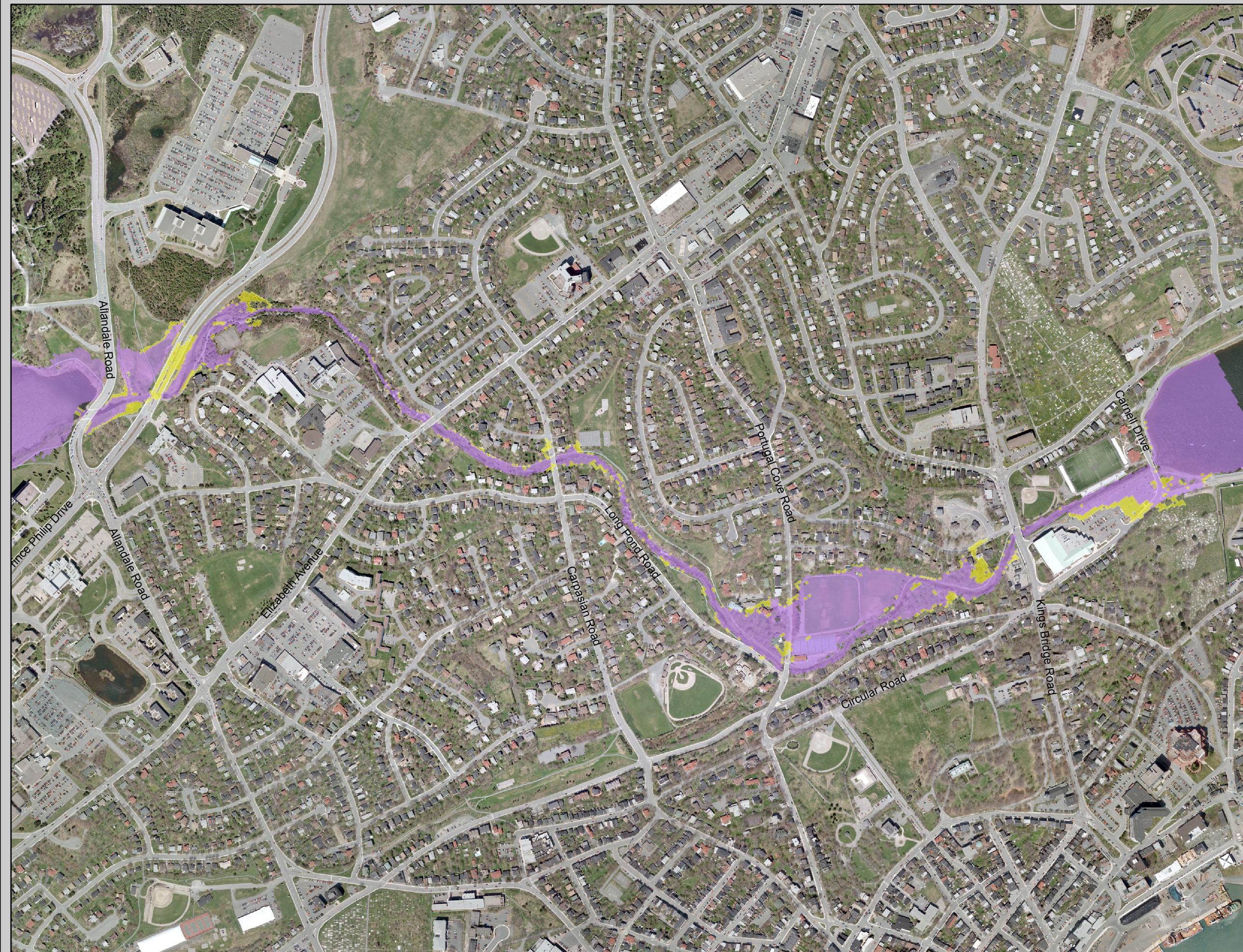
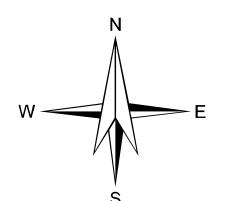
Weir Breach Assessment
Piping Failure vs. No Failure
Floodplain Delineation



CBCL LIMITED

Consulting Engineers

Coordinate System:
NAD_1983_MTM_1
Units: Metre
Scale: 1:7,500



Long Pond Weir
Environmental Preview Report

Legend

No Piping
Failure Velocity
(m/s)



Drawing Title:

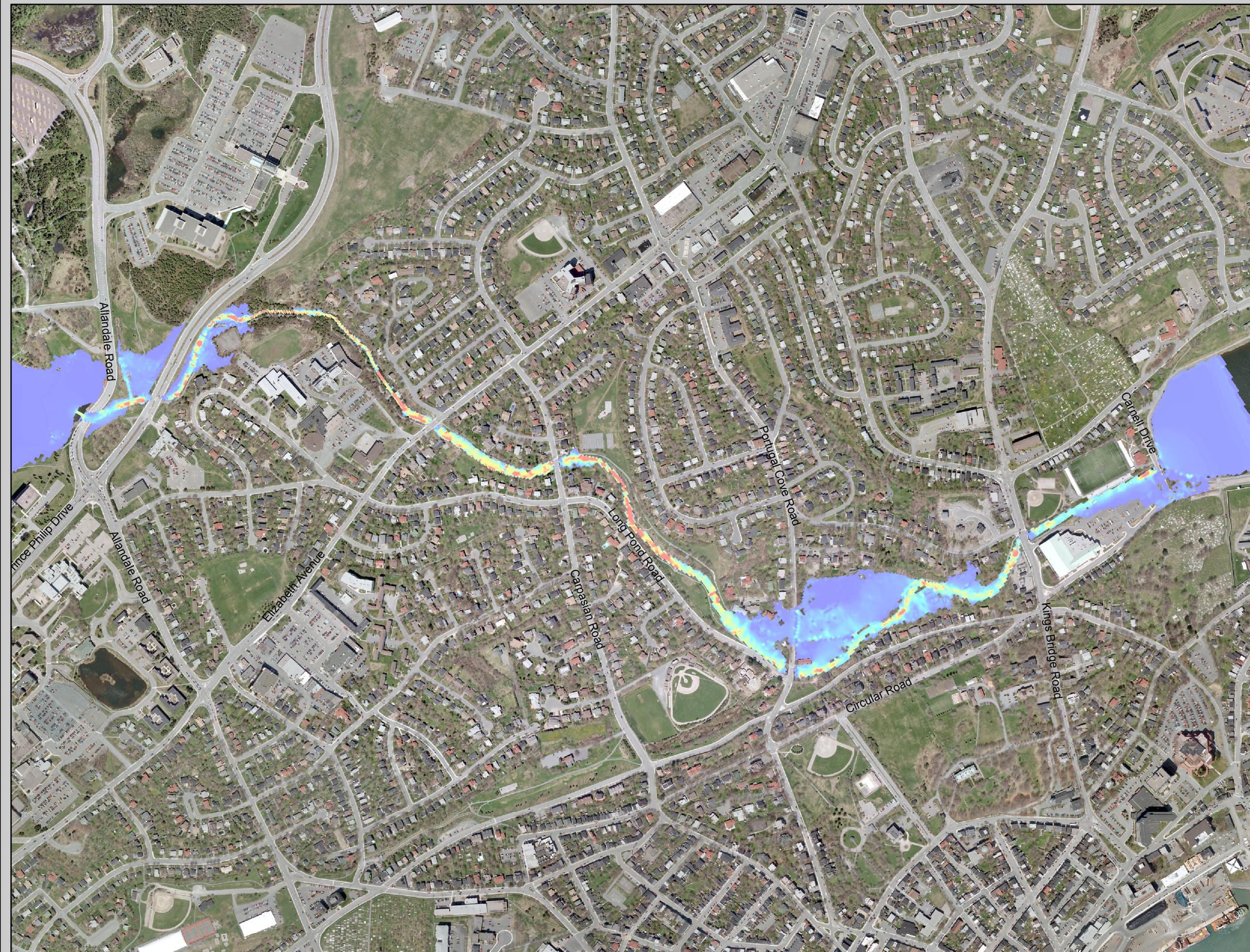
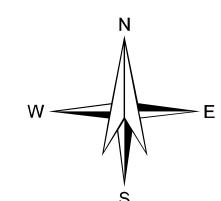
Weir Breach Assessment
No Piping Failure
Velocity Map



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Consulting Engineers

Coordinate System:
NAD_1983_MTM_1
Units: Metre
Scale: 1:7,500



Long Pond Weir
Environmental Preview Report

Legend

Piping Failure
Velocity (m/s)



Drawing Title:

Weir Breach Assessment
Piping Failure
Velocity Map



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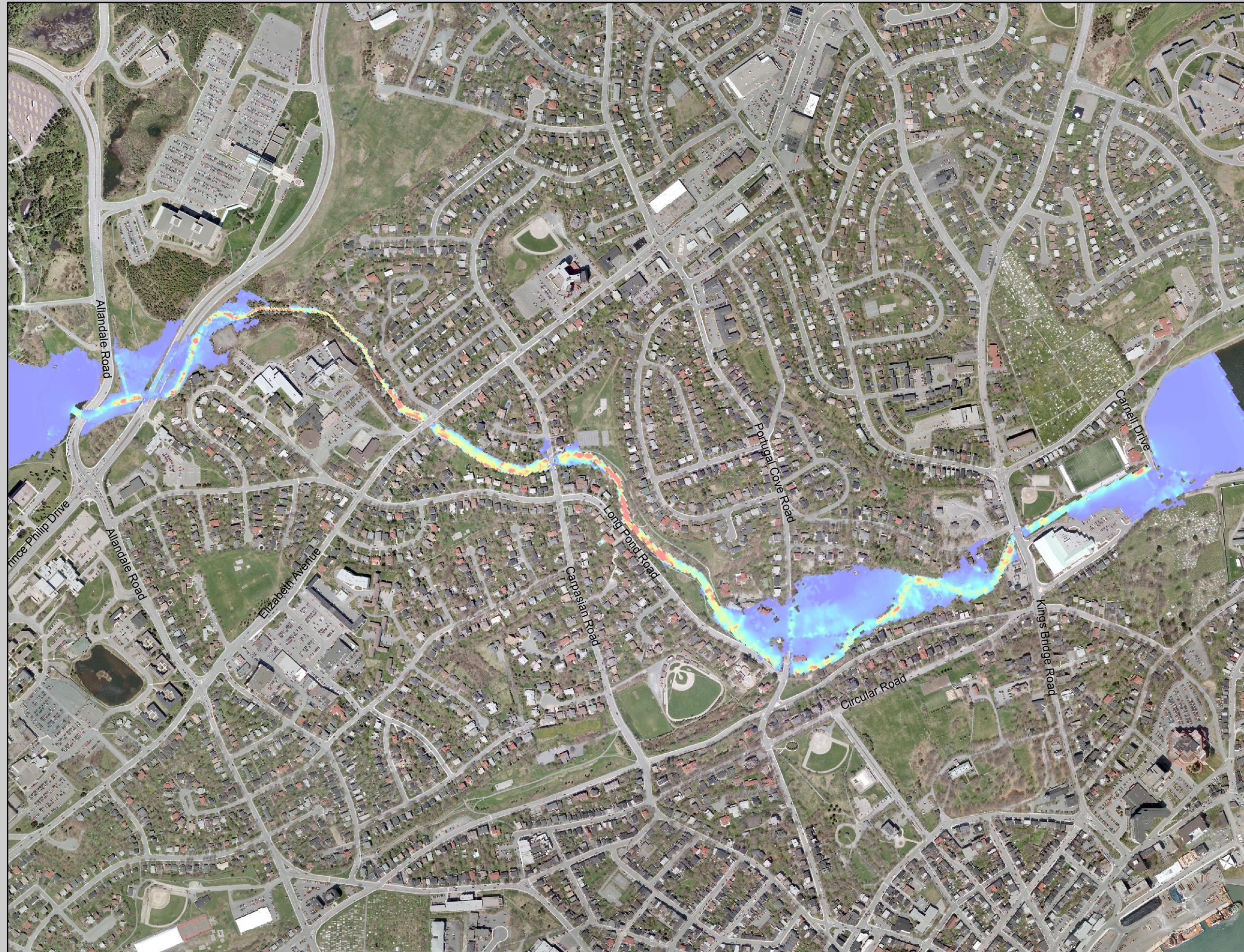
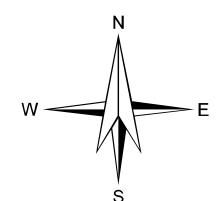
Consulting Engineers

Coordinate System:

NAD_1983_MTM_1

Units: Metre

Scale: 1:7,500



Long Pond Weir
Environmental Preview Report

Legend

- No Overtopping Failure (Purple)
- Overtopping Failure (Yellow)

Drawing Title:

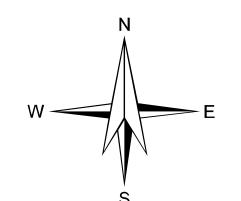
Weir Breach Assessment
Overtopping Failure vs. No Failure
Floodplain Delineation



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Consulting Engineers

Coordinate System:
NAD_1983_MTM_1
Units: Metre
Scale: 1:7,500



Long Pond Weir
Environmental Preview Report

Legend

No Overtopping
Failure Velocity
(m/s)



Drawing Title:

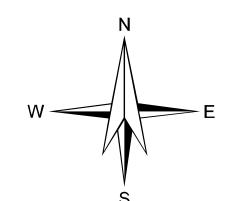
Weir Breach Assessment
No Overtopping Failure
Velocity Map



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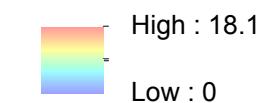
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Units: Metre
Scale: 1:7,500



Long Pond Weir
Environmental Preview Report

Legend

Overtopping
Failure Velocity
(m/s)



Drawing Title:

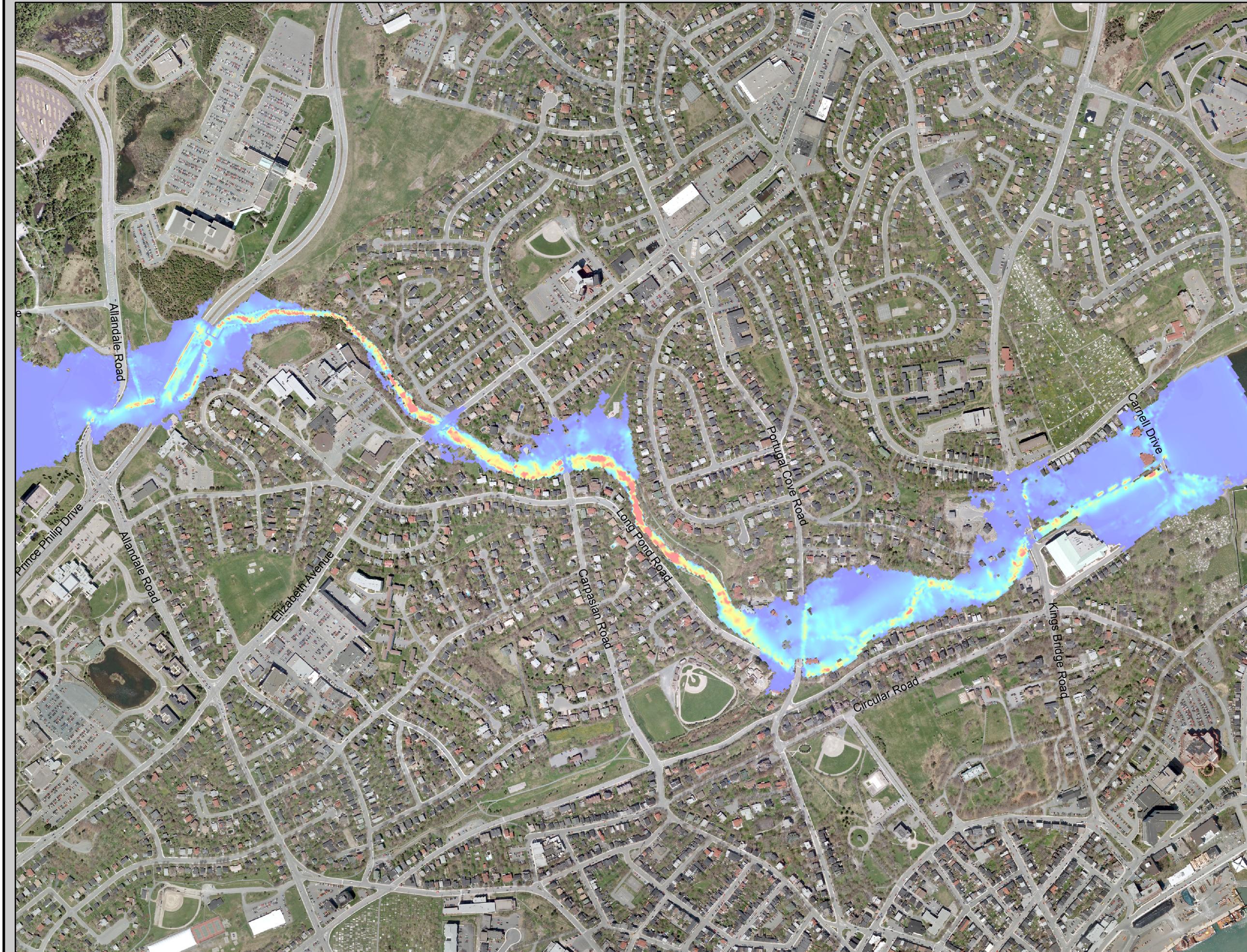
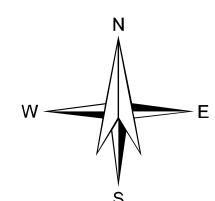
Weir Breach Assessment
Overtopping Failure
Velocity Map



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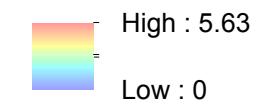
Coordinate System:
NAD_1983_MTM_1
Units: Metre
Scale: 1:7,500



Long Pond Weir
Environmental Preview Report

Legend

Piping Failure
Depth (m)



Drawing Title:

Weir Breach Assessment
Piping Failure
Depth Map



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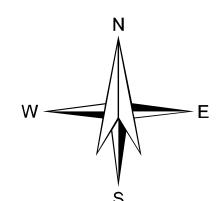
Consulting Engineers

Coordinate System:

NAD_1983_MTM_1

Units: Metre

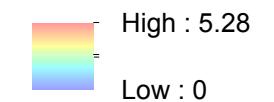
Scale: 1:7,500



Long Pond Weir
Environmental Preview Report

Legend

No Piping
Failure Depth
(m)



Drawing Title:

Weir Breach Assessment
No Piping Failure
Depth Map



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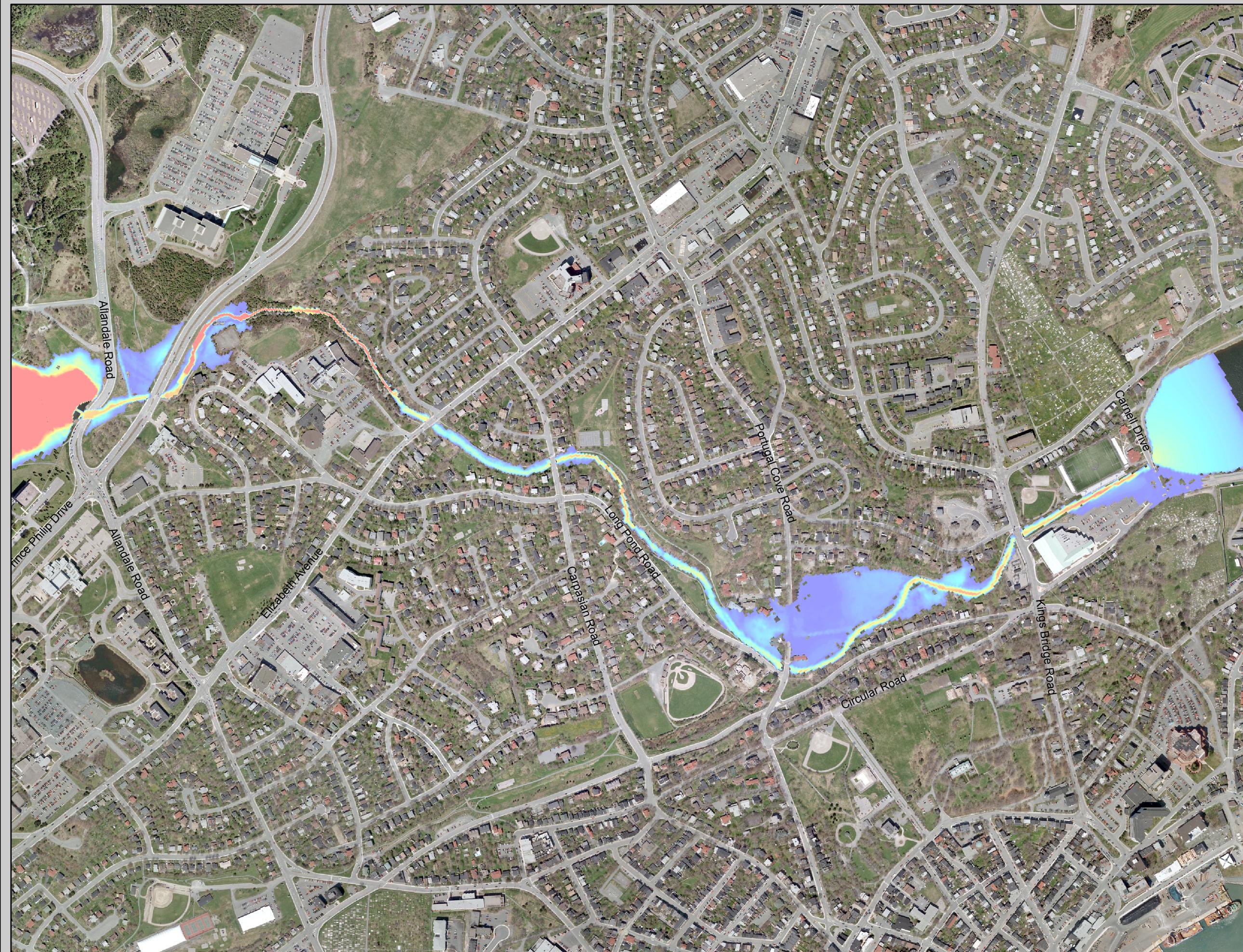
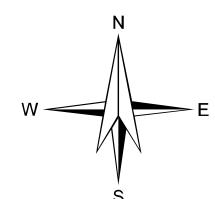
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Scale: 1:7,500



Long Pond Weir
Environmental Preview Report

Legend

Overtopping
Failure Depth
(m)



Drawing Title:

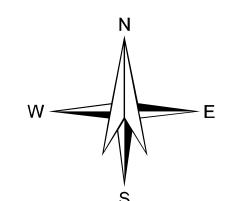
Weir Breach Assessment
Overtopping Failure
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Environmental Preview Report

Legend

No Overtopping
Breach Depth
(m)



Drawing Title:

Weir Breach Assessment
No Overtopping Failure
Depth Map



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