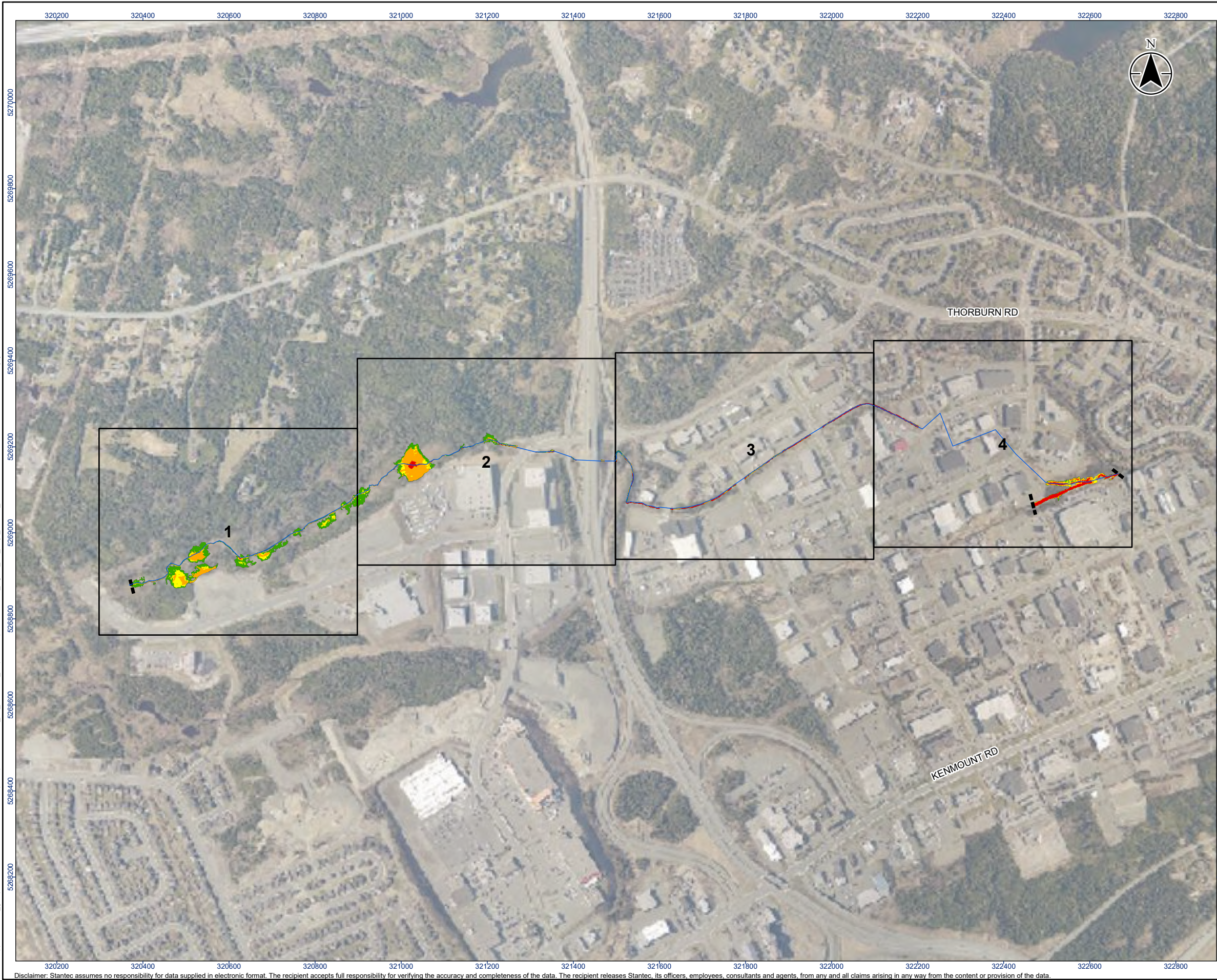


\\ea0217-bptss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_Overview\_Mapbooks.aprx163401903\_FigX-0\_HZ\_20-yr\_Current\_Overview\_ Revised on 12/20/2024 9:29 AM by jacwalker



#### Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme

0 175 350  
m  
1:9,000 (At original document size of 11x17)

- Notes**
1. Coordinate System: NAD 1983 MTM 1
  2. Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
  3. Contains information licensed under the Open Government Licence – Canada.
  4. Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location 163401903 REVA  
City of St. John's Prepared by jacwalker on 2024-12-20

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

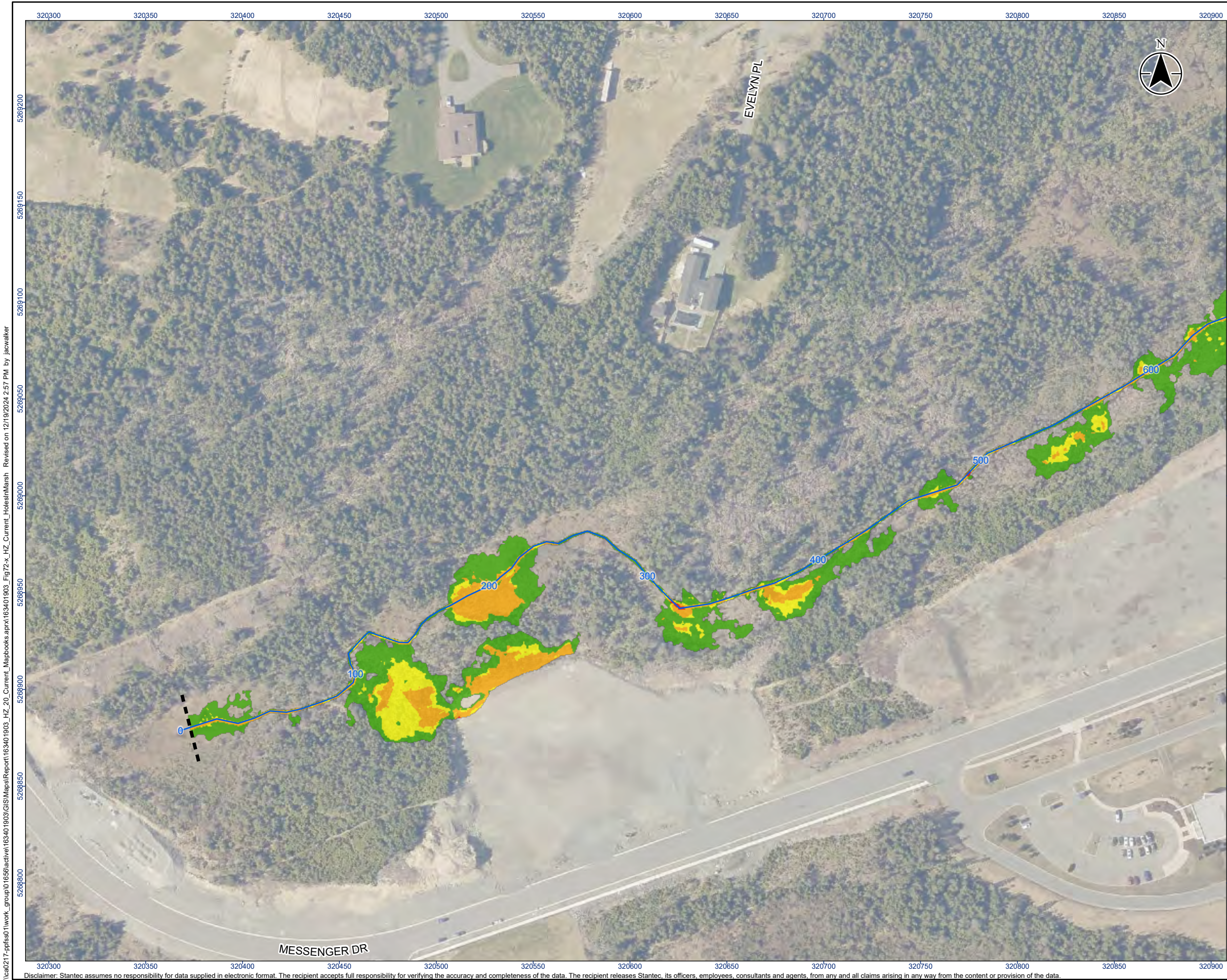
Figure No.  
**72-0**

Title  
**Current Climate Condition  
20-Year Hazard - Holes In Marsh Brook  
Overview Map**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



\\ea0217-rpt\ss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_20\_Current\_Mapbooks.aprx\163401903\_Fig72-x\_HZ\_Current\_HolesInMarsh Revised on 12/19/2024 2:57 PM by jacwalker



#### Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme

0 20 40  
m  
1:2,000 (At original document size of 11x17)

#### Notes

- Coordinate System: NAD 1983 MTM zone 1
- Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
- Contains information licensed under the Open Government Licence – Canada.
- Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's

163401903 REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.

**72-1**

Title

**Current Climate Condition  
20-Year Hazard - Holes In Marsh Brook  
Sheet 1 of 4**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



\\ea0217-bptss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_20\_Current\_Mapbooks.aprx\163401903\_Fig72-x\_HZ\_Current\_HolesInMarsh Revised on 12/19/2024 2:57 PM by jacwalker

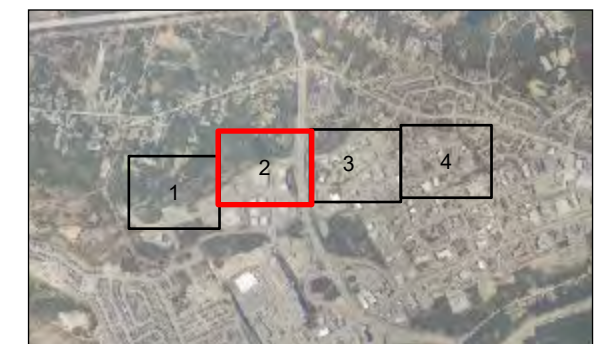


Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme

0 20 40  
m  
1:2,000 (At original document size of 11x17)

- Notes**
- Coordinate System: NAD 1983 MTM zone 1
  - Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
  - Contains information licensed under the Open Government Licence – Canada.
  - Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's

163401903 REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.

**72-2**

Title

**Current Climate Condition  
20-Year Hazard - Holes In Marsh Brook  
Sheet 2 of 4**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



\\ea0217-rpt\ss01\work\_group\01666\active\163401903\GIS\Maps\Report\163401903\_HZ\_20\_Current\_Mapbooks.aprx\163401903\_Fig72-x\_HZ\_Current\_HolesInMarsh\_ Revised on 12/19/2024 2:57 PM by jacwalker



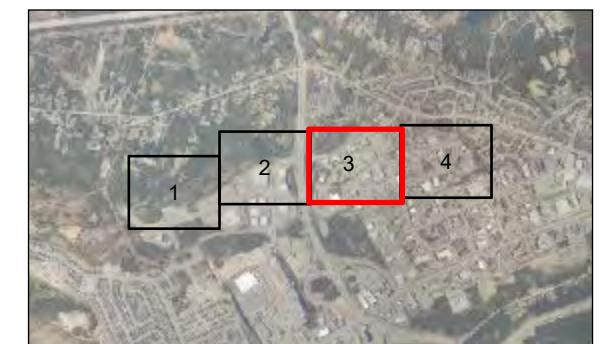
#### Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme

0 20 40  
m  
1:2,000 (At original document size of 11x17)

#### Notes

- Coordinate System: NAD 1983 MTM zone 1
- Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
- Contains information licensed under the Open Government Licence – Canada.
- Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location 163401903 REVA  
City of St. John's Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.

**72-3**

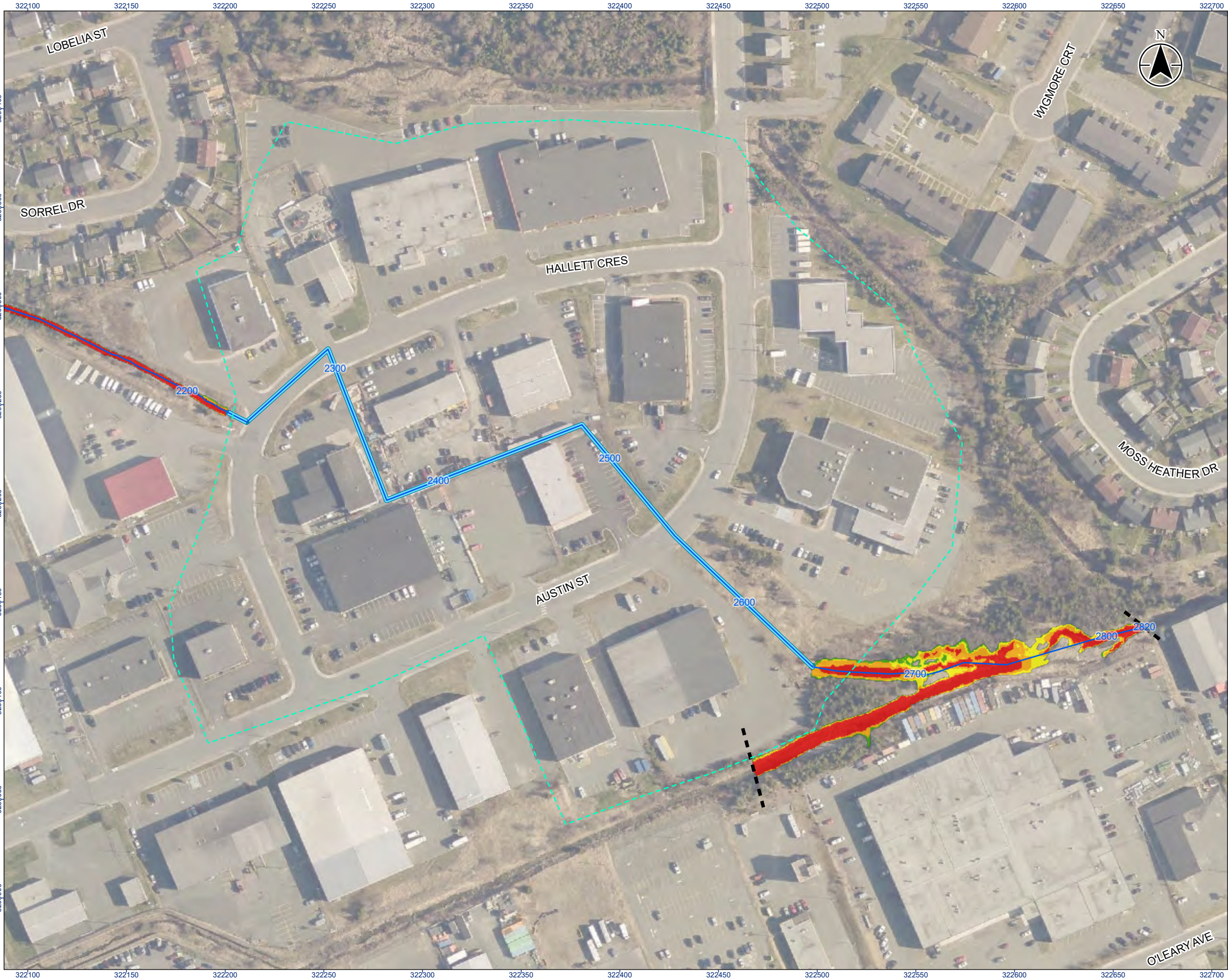
Title

**Current Climate Condition  
20-Year Hazard - Holes In Marsh Brook  
Sheet 3 of 4**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

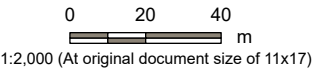


\\ea0217-bptss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_20\_Current\_Mapbooks.aprx\163401903\_Fig72-x\_HZ\_Current\_HolesInMarsh\_ Revised on 12/19/2024 2:57 PM by jacwalker

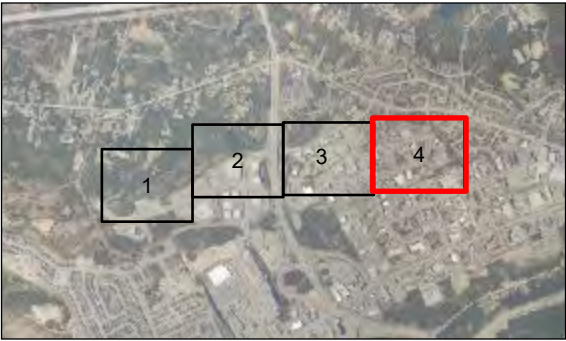


Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme



- Notes**
- Coordinate System: NAD 1983 MTM zone 1
  - Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
  - Contains information licensed under the Open Government Licence – Canada.
  - Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's

163401903. REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.

**72-4**

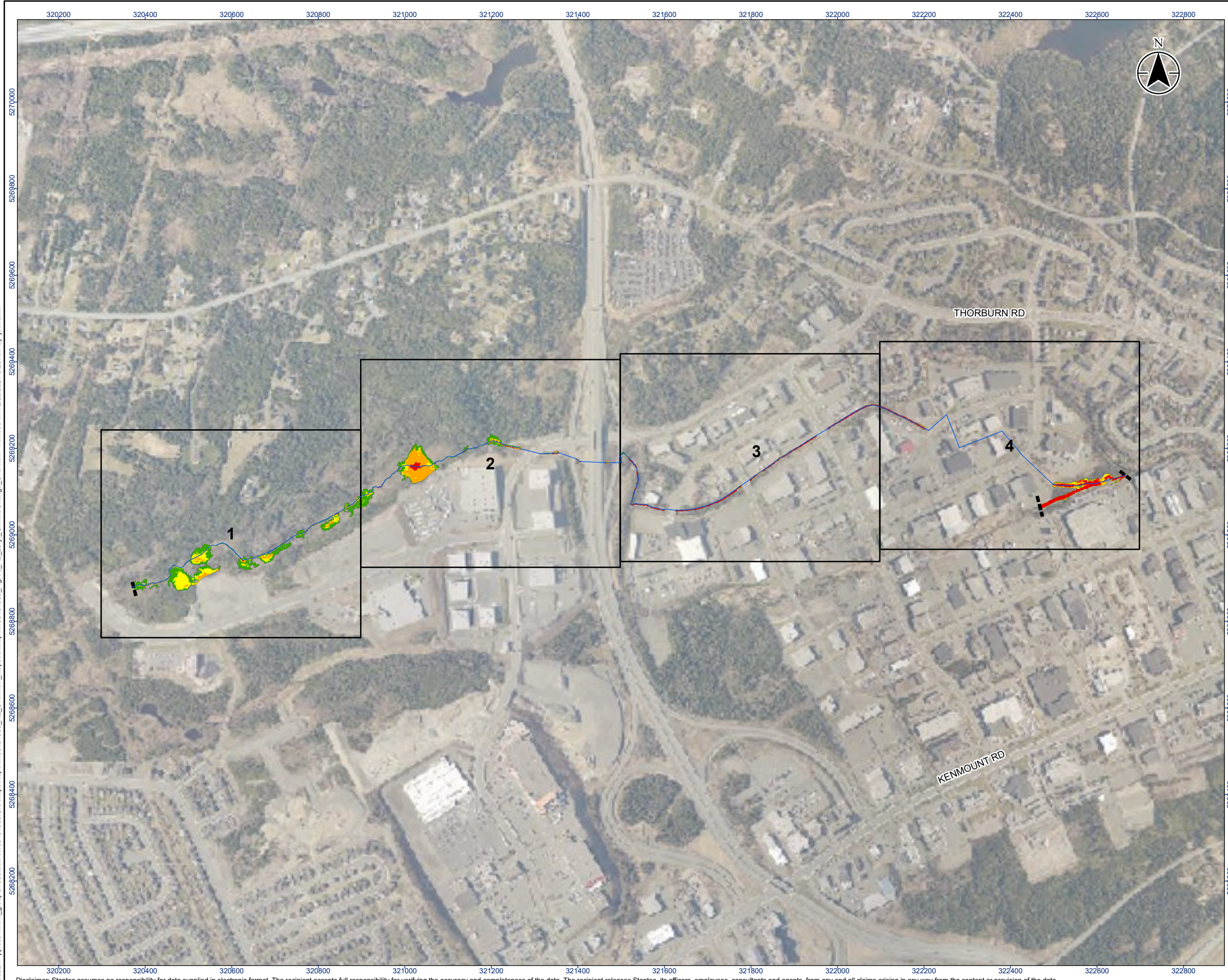
Title

**Current Climate Condition  
20-Year Hazard - Holes In Marsh Brook  
Sheet 4 of 4**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

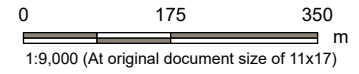


\\ea0217-bptss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_Overview\_Mapbooks.aprx163401903\_FigX-0\_HZ\_20-yr\_ClimateChange\_Overview\_ Revised on 12/20/2024 9:26 AM by jacwalker



Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme



- Notes**
- 1. Coordinate System: NAD 1983 MTM 1
  - 2. Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
  - 3. Contains information licensed under the Open Government Licence – Canada.
  - 4. Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location: City of St. John's  
163401903. REVA  
Prepared by jacwalker on 2024-12-20

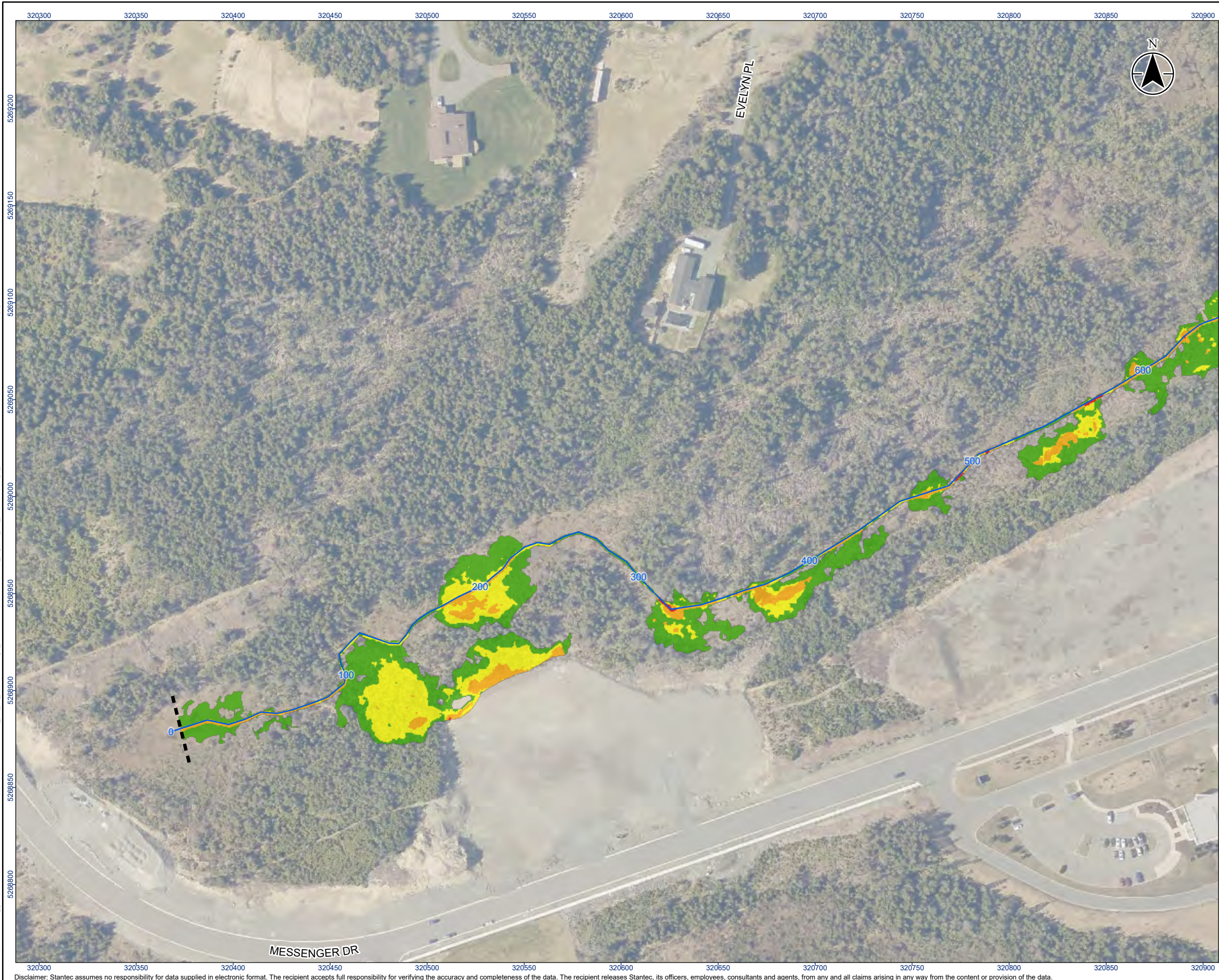
Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.  
**86-0**

Title  
**Climate Change Condition  
20-Year Hazard - Holes In Marsh Brook  
Overview Map**



\\ea0217-rpt\ss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_20\_ClimateChange\_Mapbooks.aprx\163401903\_Fig66-x\_HZ\_ClimateChange\_HolesInMarsh  
Revised on 12/19/2024 8:51 AM by jacwalker



#### Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme

0 20 40  
m  
1:2,000 (At original document size of 11x17)

#### Notes

- Coordinate System: NAD 1983 MTM zone 1
- Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
- Contains information licensed under the Open Government Licence – Canada.
- Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's  
163401903 REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.  
**72-1**

Title  
**Climate Change Condition  
20-Year Hazard - Holes In Marsh Brook  
Sheet 1 of 4**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



\\ea0217-rptss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_20\_ClimateChange\_Mapbooks.aprx\163401903\_Fig66-x\_HZ\_ClimateChange\_HolesInMarsh\_ Revised on 12/19/2024 8:51 AM by jacwalker

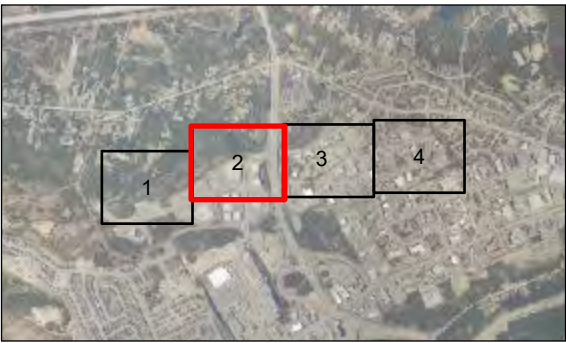


Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme

0 20 40  
m  
1:2,000 (At original document size of 11x17)

- Notes**
1. Coordinate System: NAD 1983 MTM zone 1
  2. Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
  3. Contains information licensed under the Open Government Licence – Canada.
  4. Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's

163401903 REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.

**72-2**

Title

**Climate Change Condition  
20-Year Hazard - Holes In Marsh Brook  
Sheet 2 of 4**

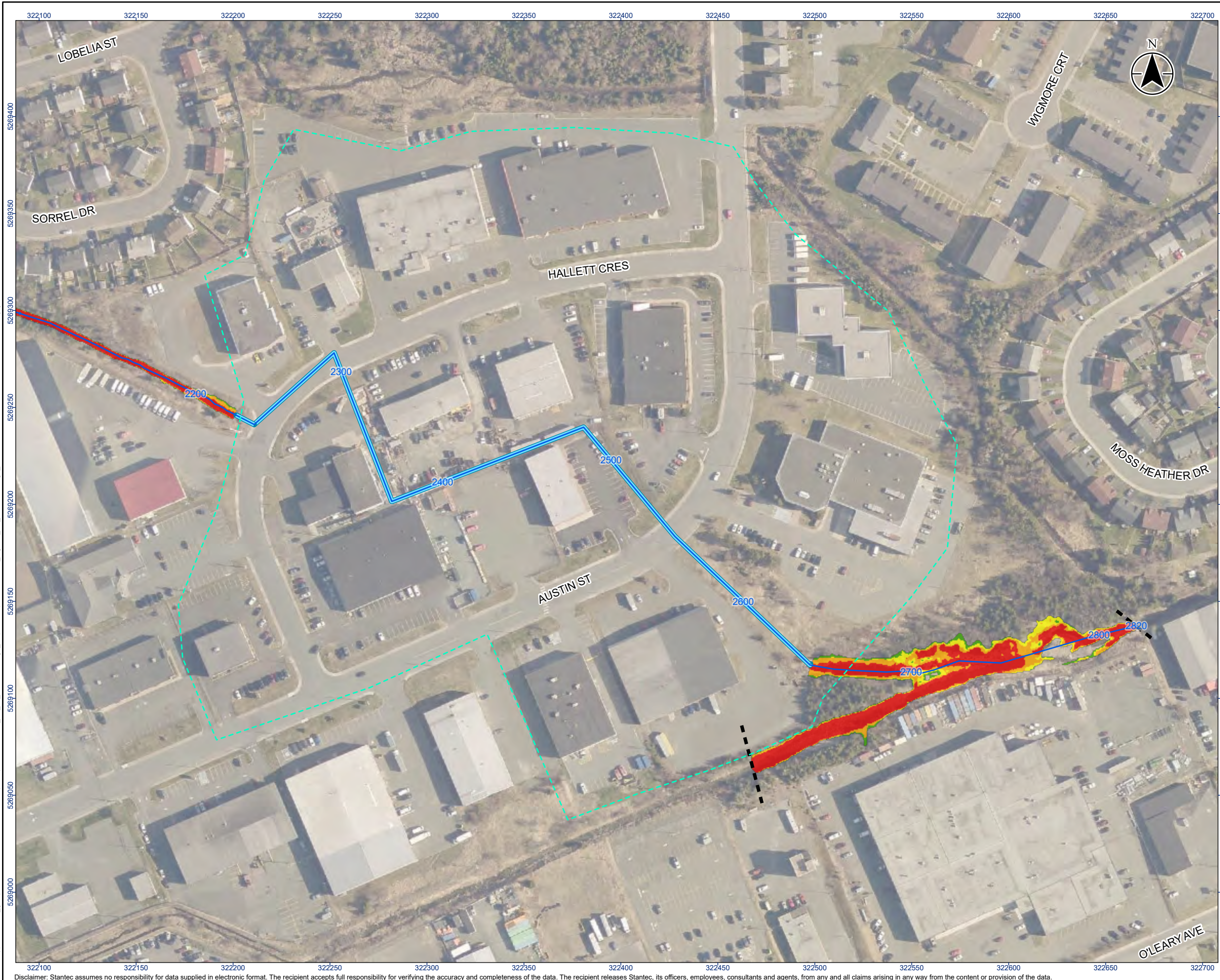
Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.





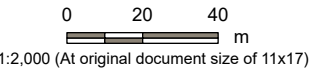


\\ea0217-bpt\ss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_20\_ClimateChange\_Mapbooks.aprx\163401903\_Fig66-x\_HZ\_20\_ClimateChange\_HolesInMarsh\_ Revised on 12/19/2024 8:51 AM by jacwalker



Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme



- Notes
- Coordinate System: NAD 1983 MTM zone 1
  - Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
  - Contains information licensed under the Open Government Licence – Canada.
  - Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's

163401903. REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

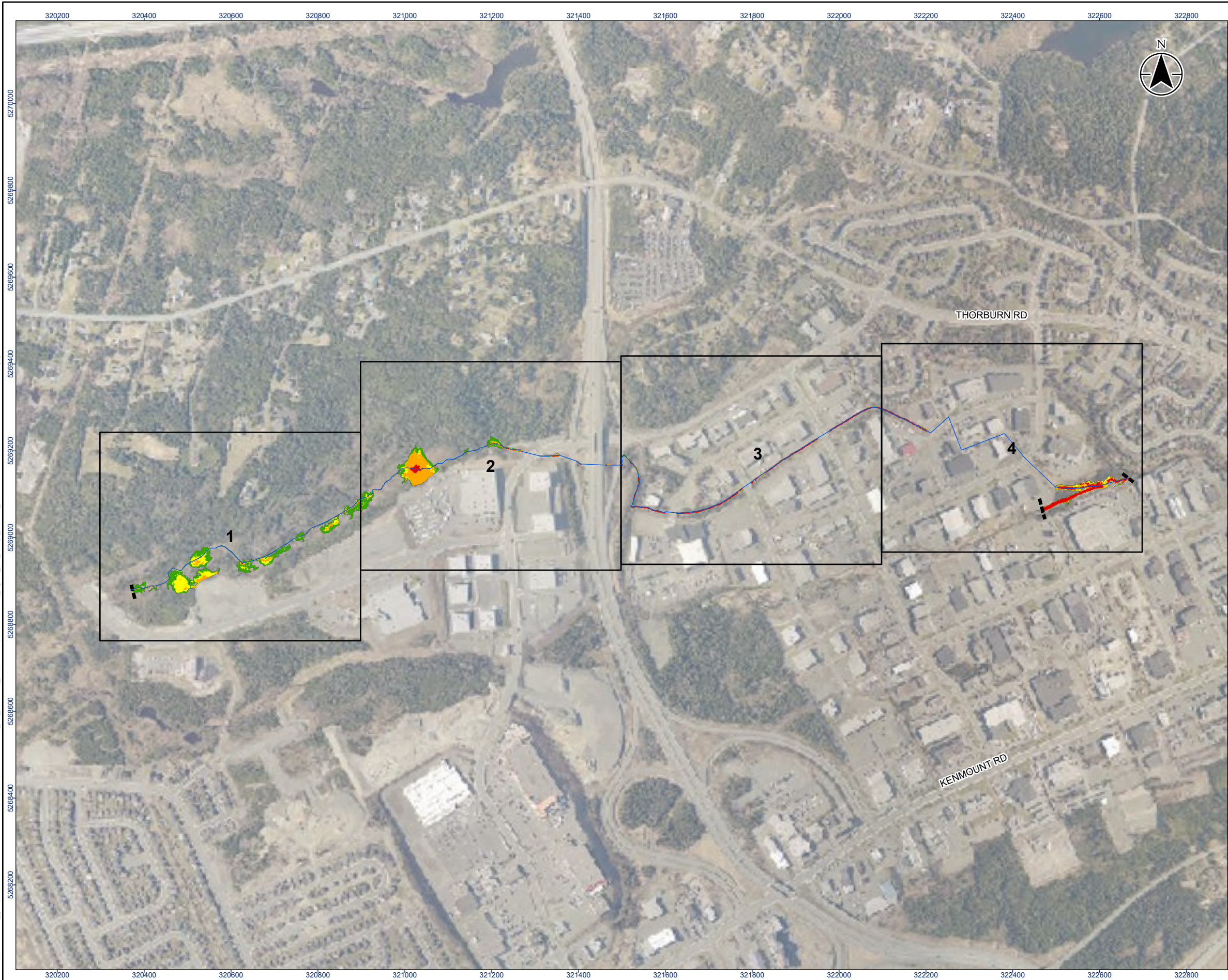
Figure No.  
**72-4**

Title  
**Climate Change Condition  
20-Year Hazard - Holes In Marsh Brook  
Sheet 4 of 4**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



\\ea0217-bptss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_Overview\_Mapbooks.aprx163401903\_FigX-0\_HZ\_100-yr\_Current\_Overview Revised on 12/20/2024 9:29 AM by jacwalker



#### Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
- 100 Year Flood Risk - Extreme

0 175 350  
m  
1:9,000 (At original document size of 11x17)

- Notes**
1. Coordinate System: NAD 1983 MTM 1
  2. Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
  3. Contains information licensed under the Open Government Licence – Canada.
  4. Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location 163401903 REVA  
City of St. John's Prepared by jacwalker on 2024-12-20

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

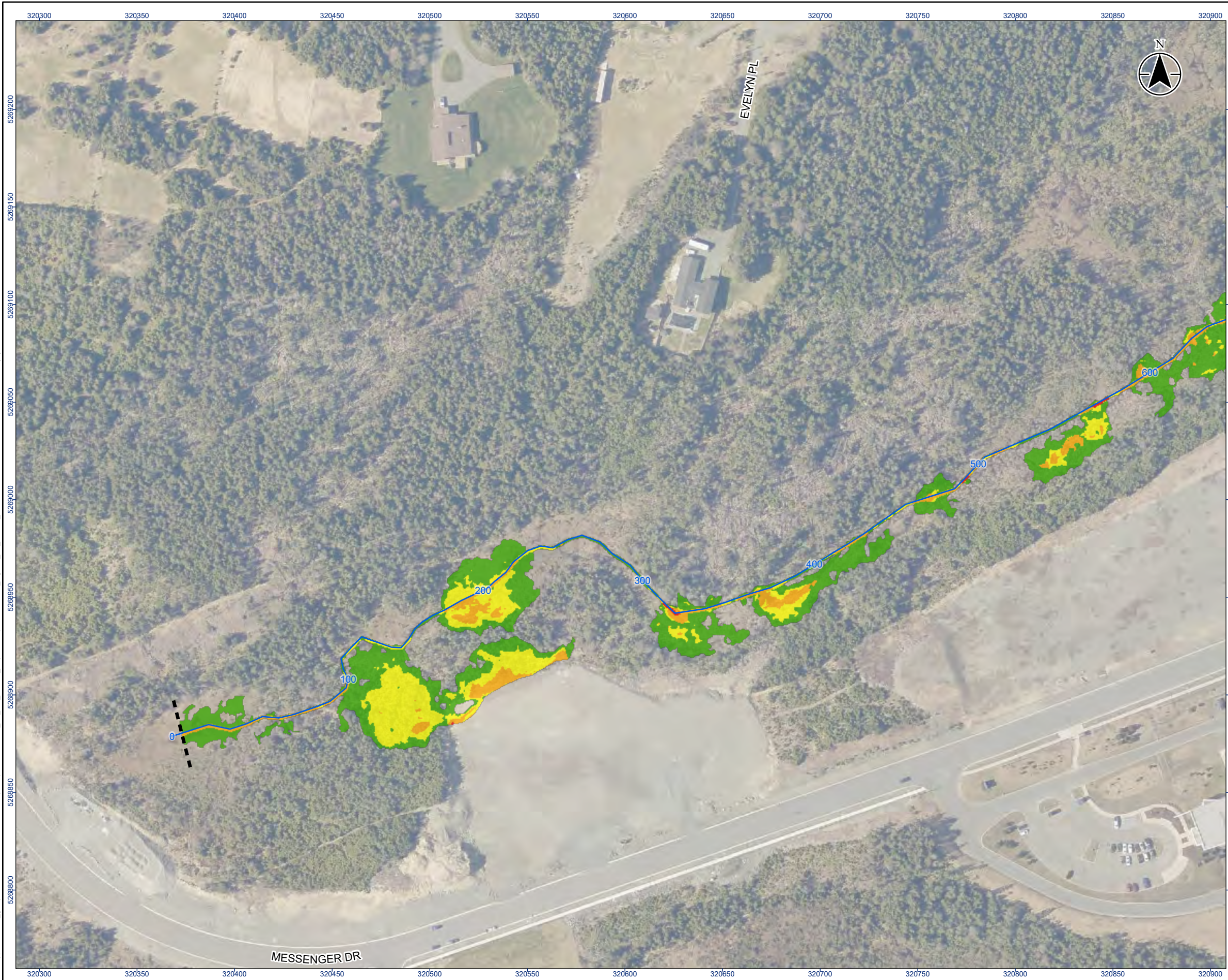
Figure No.  
**79-0**

Title  
**Current Climate Condition  
100-Year Hazard - Holes In Marsh Brook  
Overview Map**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



\\ea0217-bptss01\work\_group\01666\active\163401903\GIS\Maps\Report\163401903\_HZ\_100\_Current\_Mapbooks.aprx\163401903\_HZ\_100\_Current\_HolesInMarsh\_Fig79-1\_HZ\_Current\_Mapbooks.aprx\163401903\_HZ\_100\_Current\_HolesInMarsh\_Fig79-1\_HZ\_Current\_Mapbooks.aprx  
Revised on 12/19/2024 9:21 AM by jacwalker



#### Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
- 100 Year Flood Risk - Extreme

0 20 40  
m  
1:2,000 (At original document size of 11x17)

#### Notes

- Coordinate System: NAD 1983 MTM zone 1
- Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
- Contains information licensed under the Open Government Licence – Canada.
- Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's  
163401903 REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.

**79-1**

Title

**Current Climate Condition  
100-Year Hazard - Holes In Marsh Brook  
Sheet 1 of 4**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.







\\ea0217-rpt\ss01\work\_group\01666\active\163401903\GIS\Maps\Report\163401903\_HZ\_100\_Current\_Mapbooks.aprx\163401903\_Fig79-3\_HZ\_Current\_HolesInMarsh\_100\_Current\_Mapbooks.aprx  
Revised on 12/19/2024 9:21 AM by jacwalker



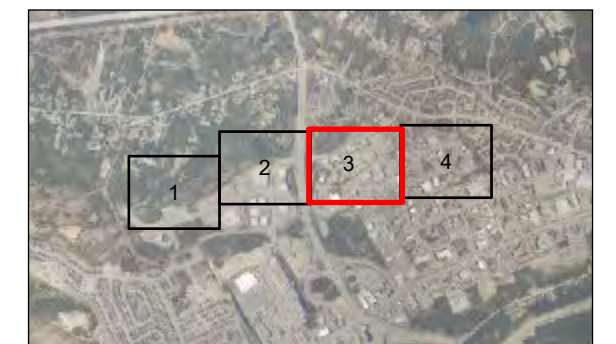
#### Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
- 100 Year Flood Risk - Extreme

0 20 40  
m  
1:2,000 (At original document size of 11x17)

#### Notes

- Coordinate System: NAD 1983 MTM zone 1
- Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
- Contains information licensed under the Open Government Licence – Canada.
- Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location 163401903 REVA  
City of St. John's Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.

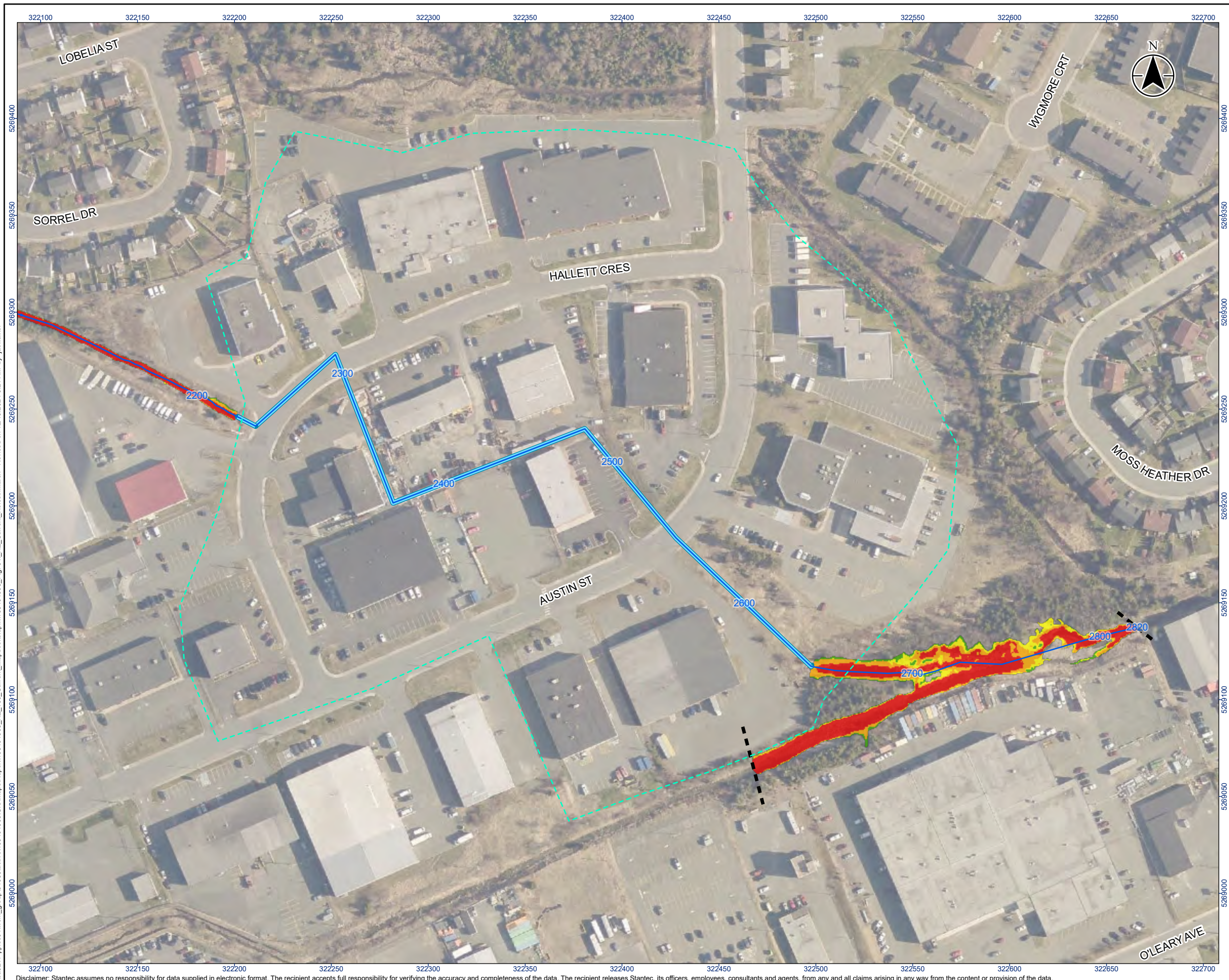
**79-3**

Title









**Current Climate Condition  
100-Year Hazard - Holes In Marsh Brook  
Sheet 3 of 4**

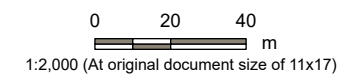
Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.





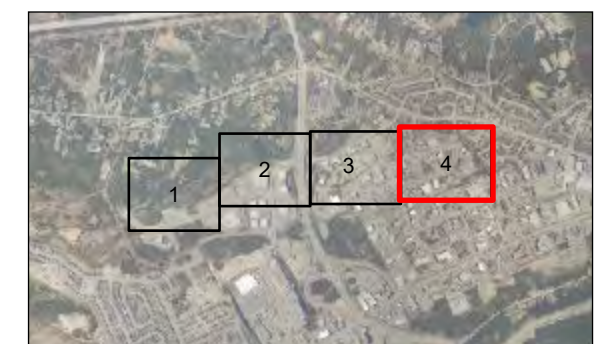
### Legend

-  River/Creek Centreline
-  Modelled Culvert
-  Limit of Mapping
-  Limit of 2D Modelling
-  100 Year Flood Risk - Low
-  100 Year Flood Risk - Moderate
-  100 Year Flood Risk - Significant
-  100 Year Flood Risk - Extreme



## Notes

1. Coordinate System: NAD 1983 MTM zone 1
2. Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
3. Contains information licensed under the Open Government Licence – Canada.
4. Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's

163401903 REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.

**79-4**

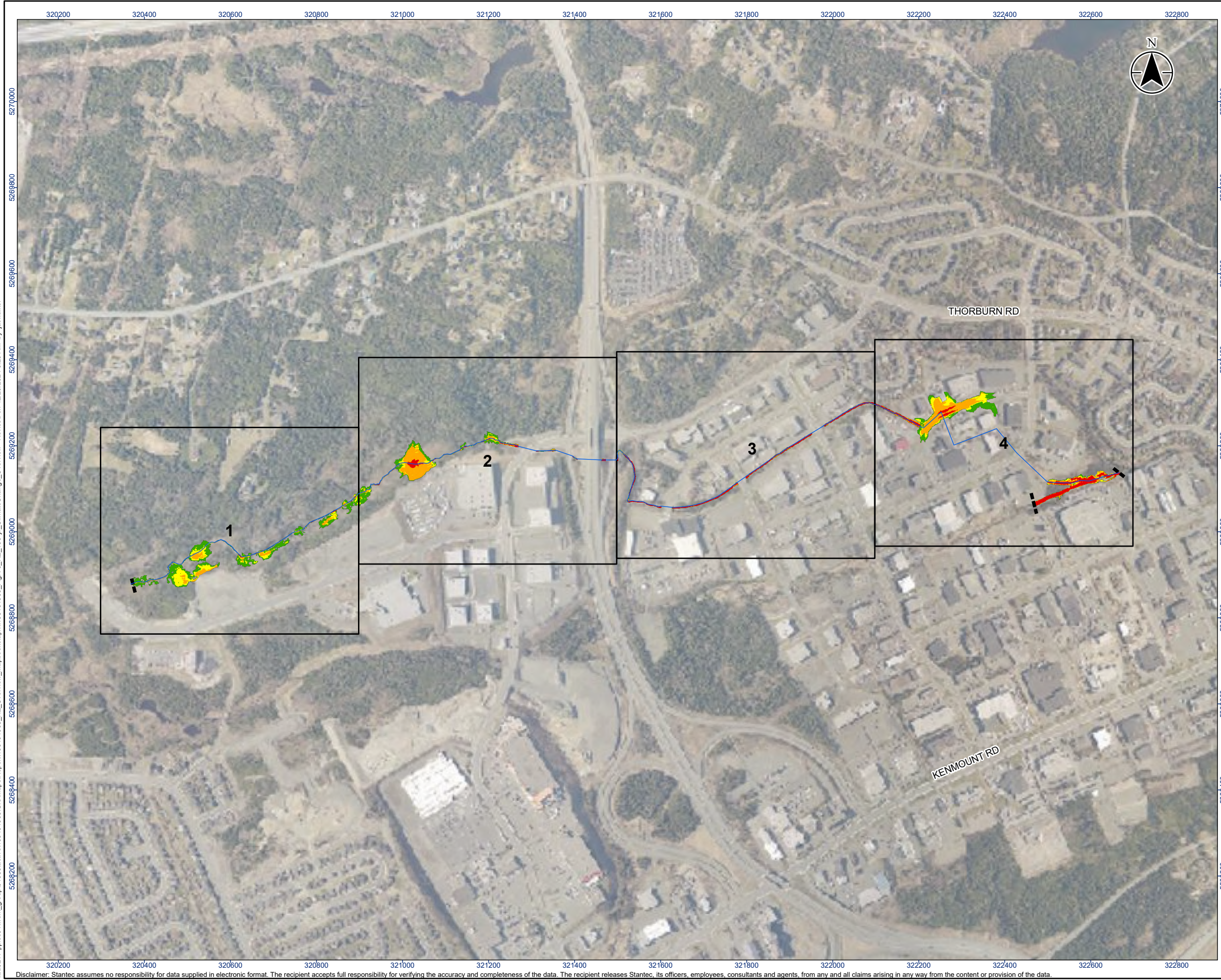
Title

Current Climate Condition  
100-Year Hazard - Holes In Marsh Brook  
Sheet 4 of 4

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

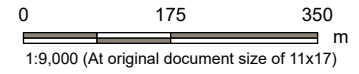


\\ea0217-bptss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_Overview\_Mapbooks.aprx163401903\_FigX-0\_HZ\_100-yr\_ClimateChange\_Overview\_ Revised on 12/20/2024 9:29 AM by jacwalker



Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
- 100 Year Flood Risk - Extreme



- Notes**
- 1. Coordinate System: NAD 1983 MTM 1
  - 2. Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
  - 3. Contains information licensed under the Open Government Licence – Canada.
  - 4. Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location: City of St. John's  
163401903. REVA  
Prepared by jacwalker on 2024-12-20

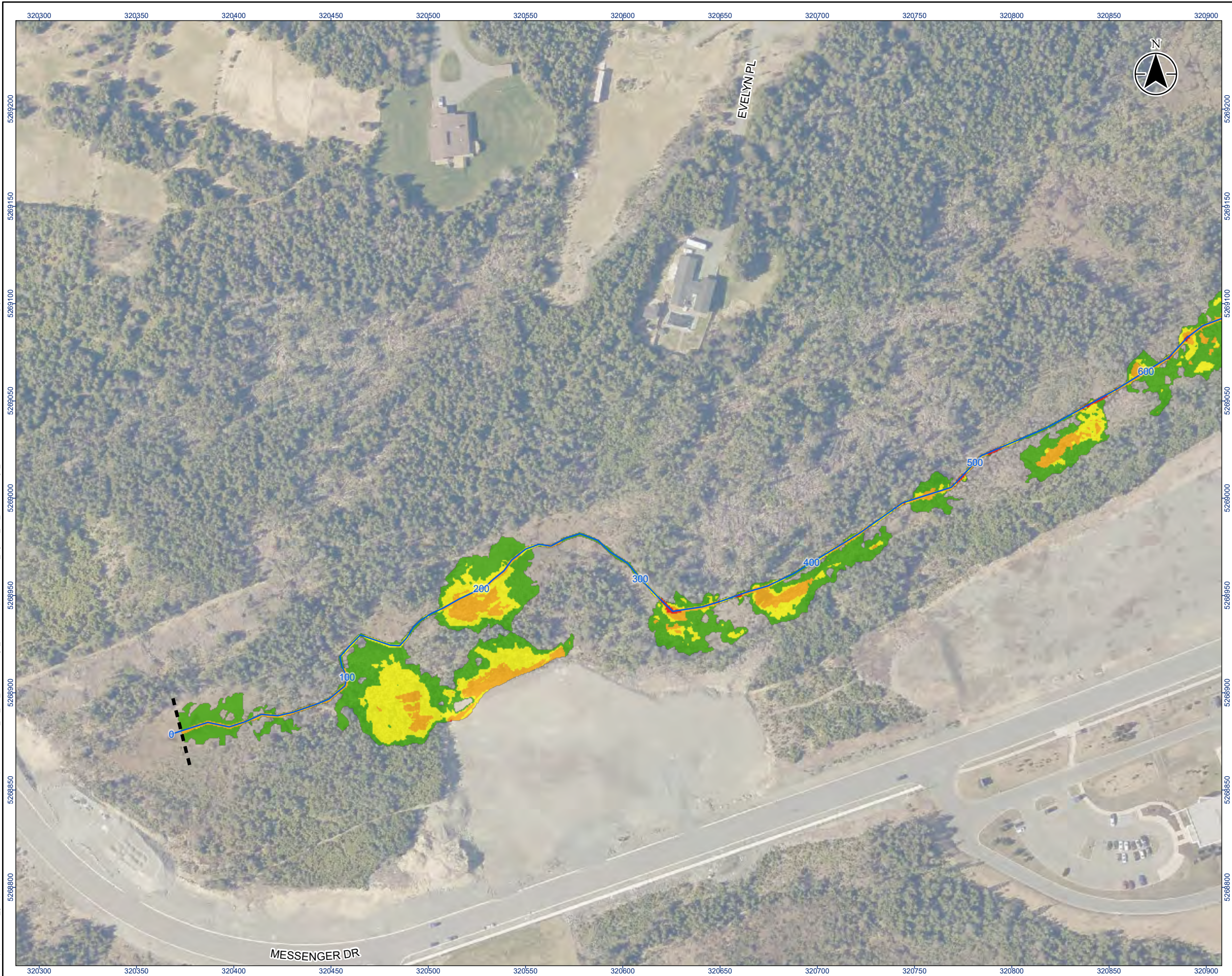
Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.  
**93-0**

Title  
**Climate Change Condition  
100-Year Hazard - Holes In Marsh Brook  
Overview Map**



\\ea0217-bptss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_100\_ClimateChange\_Mapbooks.aprx\163401903\_Fig93-x\_HZ\_ClimateChange\_HolesInMarsh  
Revised on 12/19/2024 3:26 PM by jacwalker



#### Legend

- River/Creek Centreline
- Modelled Culvert
- - - Limit of Mapping
- - - Limit of 2D Modelling
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
- 100 Year Flood Risk - Extreme

0 20 40  
m  
1:2,000 (At original document size of 11x17)

#### Notes

1. Coordinate System: NAD 1983 MTM zone 1
2. Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
3. Contains information licensed under the Open Government Licence – Canada.
4. Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's  
163401903 REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.

**93-1**

Title

**Climate Change Condition  
100-Year Hazard - Holes In Marsh Brook  
Sheet 1 of 4**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



\\ea0217-bp\ss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_100\_ClimateChange\_Mapbooks.aprx\163401903\_Fig93-2\_HZ\_ClimateChange\_HolesInMarsh\_12192024 3:26 PM by jacwalker

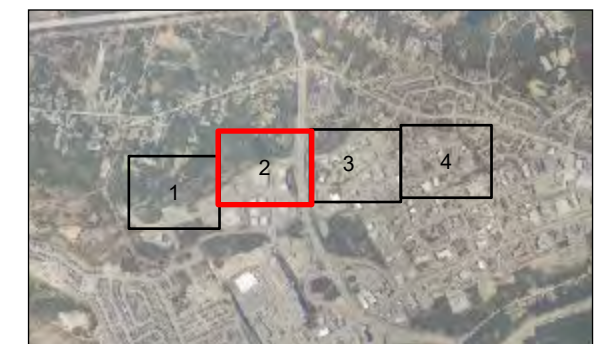


Legend

- River/Creek Centreline
- Modelled Culvert
- - Limit of Mapping
- - - Limit of 2D Modelling
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
- 100 Year Flood Risk - Extreme

0 20 40  
m  
1:2,000 (At original document size of 11x17)

- Notes**
1. Coordinate System: NAD 1983 MTM zone 1
  2. Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
  3. Contains information licensed under the Open Government Licence – Canada.
  4. Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's  
163401903 REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.  
**93-2**

Title  
**Climate Change Condition  
100-Year Hazard - Holes In Marsh Brook  
Sheet 2 of 4**

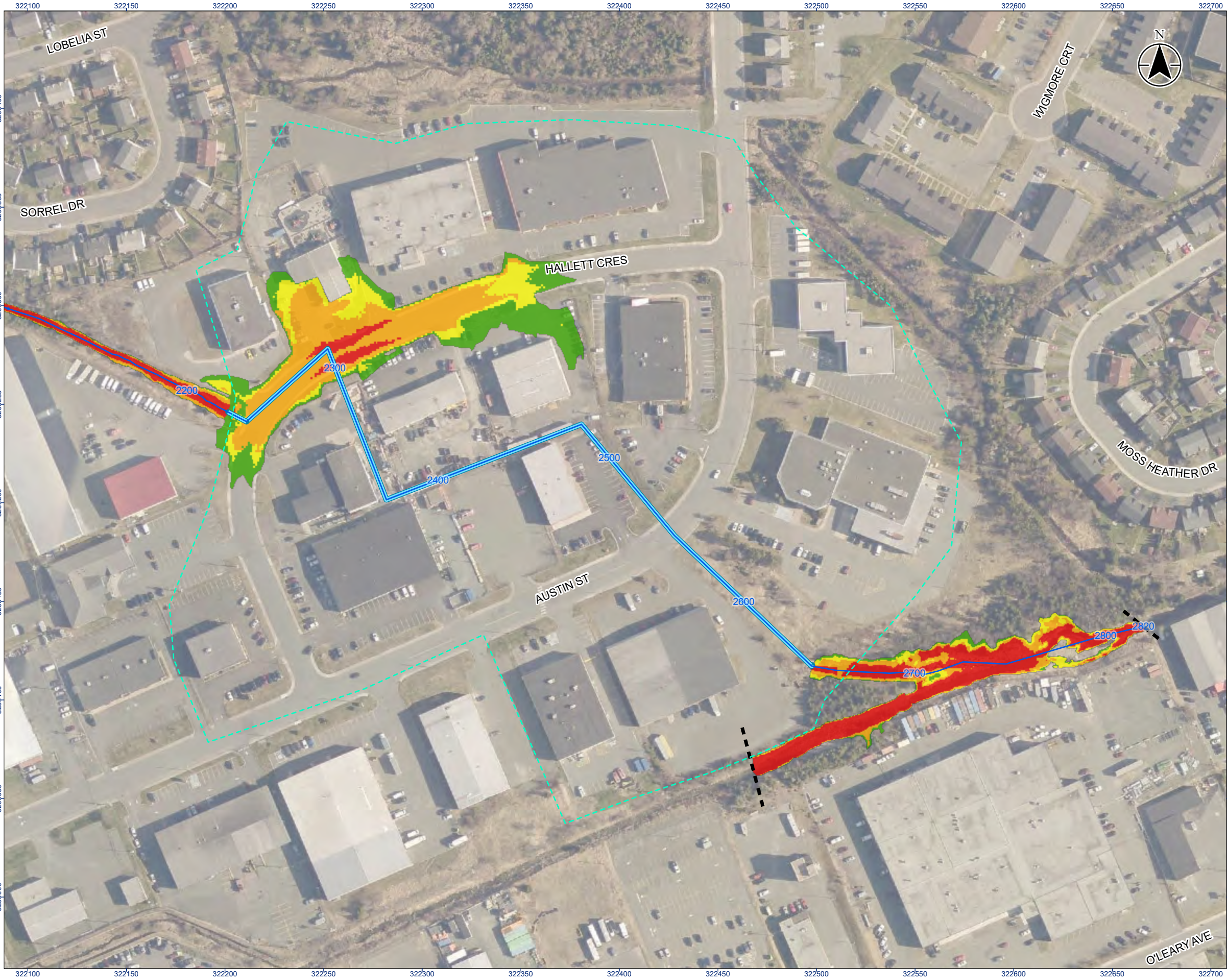
Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.







\\ea0217-bptss01\work\_group\01656\active\163401903\GIS\Maps\Report\163401903\_HZ\_100\_ClimateChange\_Mapbooks.aprx\163401903\_Fig93-x\_HZ\_ClimateChange\_HolesInMarsh\_12192024\_326 PM by jacwalker

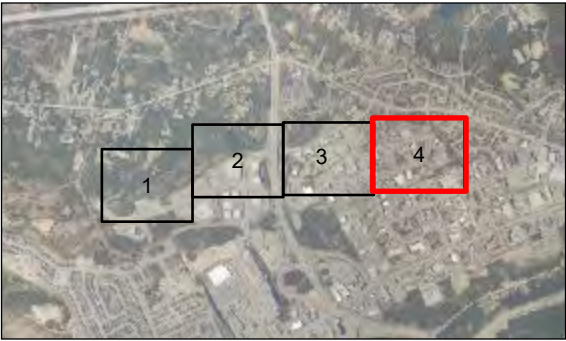


Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
- 100 Year Flood Risk - Extreme

0 20 40  
m  
1:2,000 (At original document size of 11x17)

- Notes
- Coordinate System: NAD 1983 MTM zone 1
  - Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
  - Contains information licensed under the Open Government Licence – Canada.
  - Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location  
City of St. John's

163401903 REVA  
Prepared by jacwalker on 2024-12-19

Client/Project  
CLIMATE CHANGE FLOOD RISK MAPPING STUDY  
FOR THE CITY OF ST. JOHN'S

Figure No.

93-4

Title  
**Climate Change Condition  
100-Year Hazard - Holes In Marsh Brook  
Sheet 4 of 4**

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.