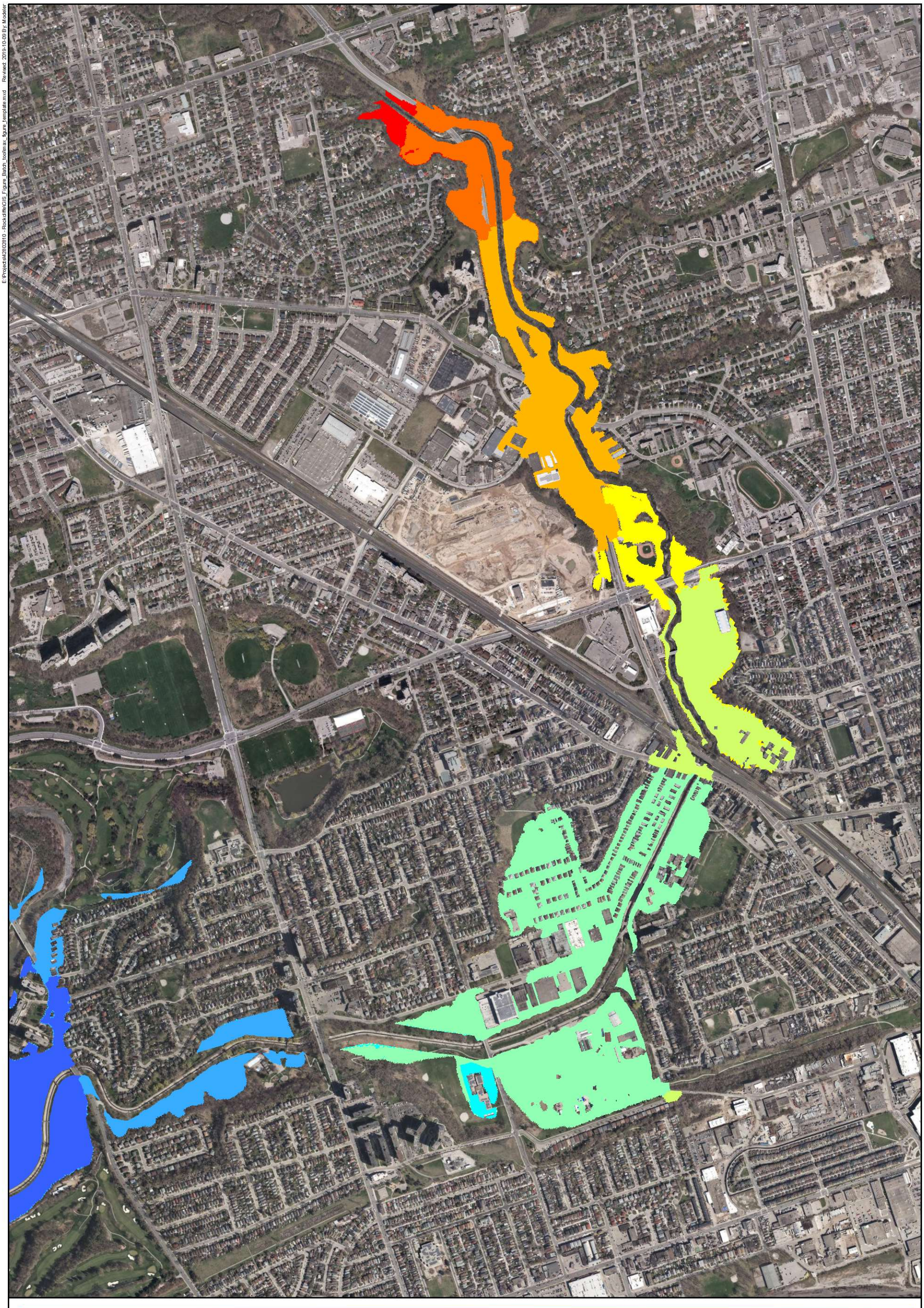
Appendix G - Section F

Flood Maps for Jane Street Alternative 4

Relief Culverts

E:\Project\ek\2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max WSL [m]

< 97.5	107.5 - 110.0
97.5 - 100.0	110 - 112.5
100 - 102.5	112.5 - 115.0
102.5 - 105.0	115 - 117.5
105 - 107.5	117.5 - 120.0

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Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

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Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

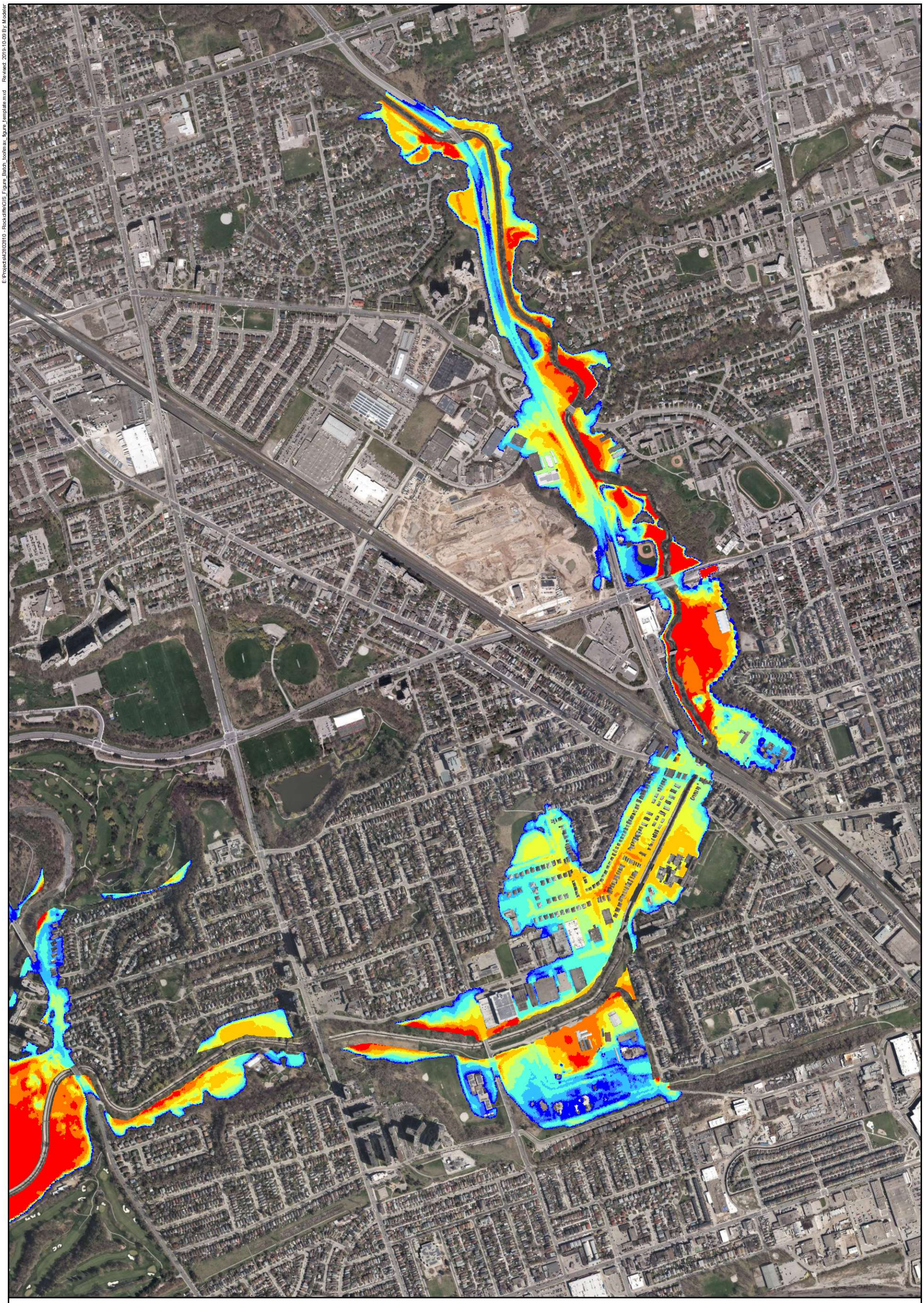
Figure No.

F-1

Title

REGIONAL UNSTEADY STORM MAXIMUM WATER SURFACE LEVEL ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Depth [m]

< 0.1	1.0 - 1.5
0.1 - 0.2	1.5 - 2.0
0.2 - 0.5	2.0 - 2.5
0.5 - 1.0	2.5 - 3.0
	> 3.0

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

1;12000 (At Original document size of 11x17)

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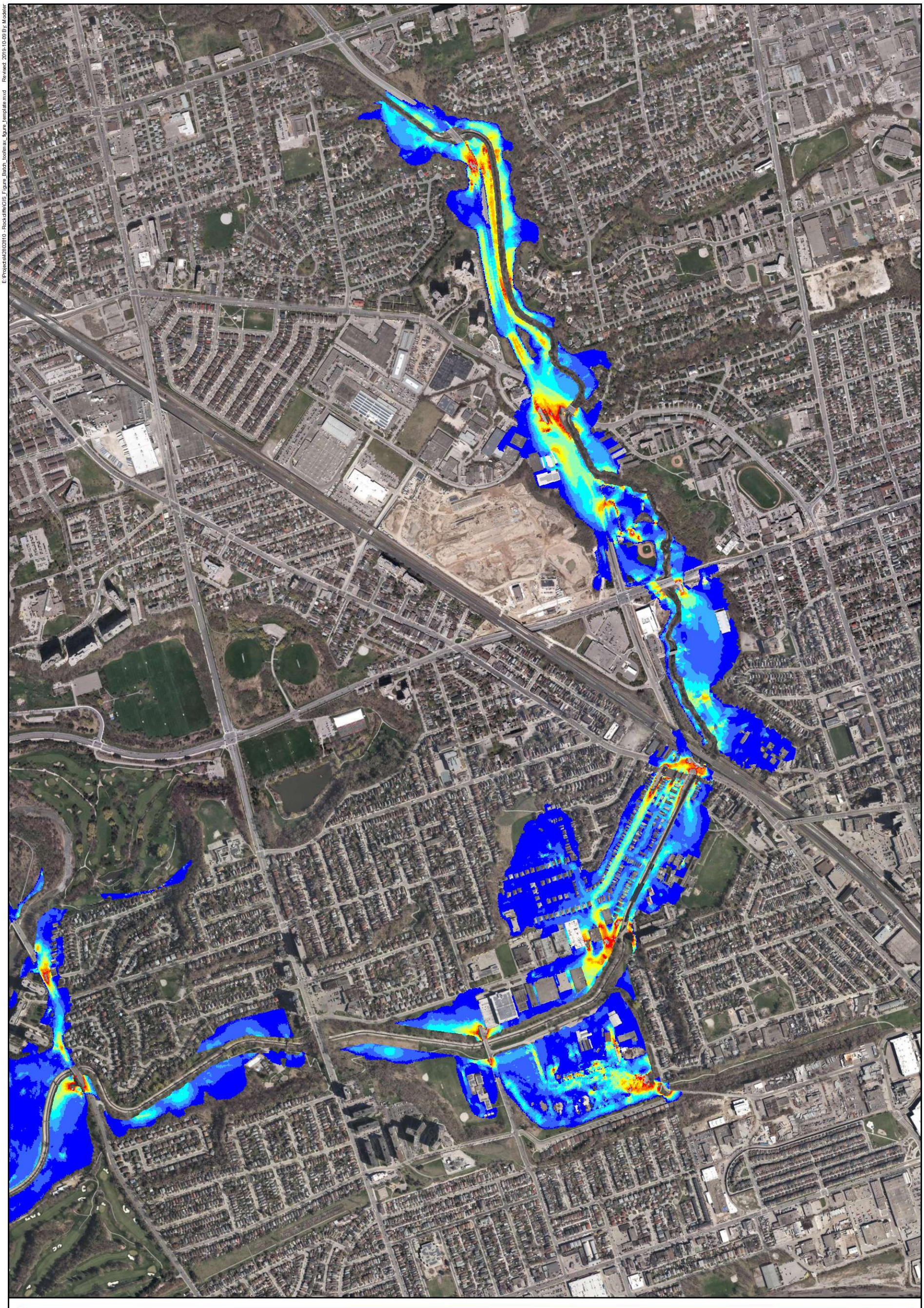
Figure No.

F-2

Title

REGIONAL UNSTEADY STORM MAXIMUM FLOOD DEPTH ALTERNATIVE 4

E:\Project\ek\2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Vel [m/s]

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
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Figure No.

F-3

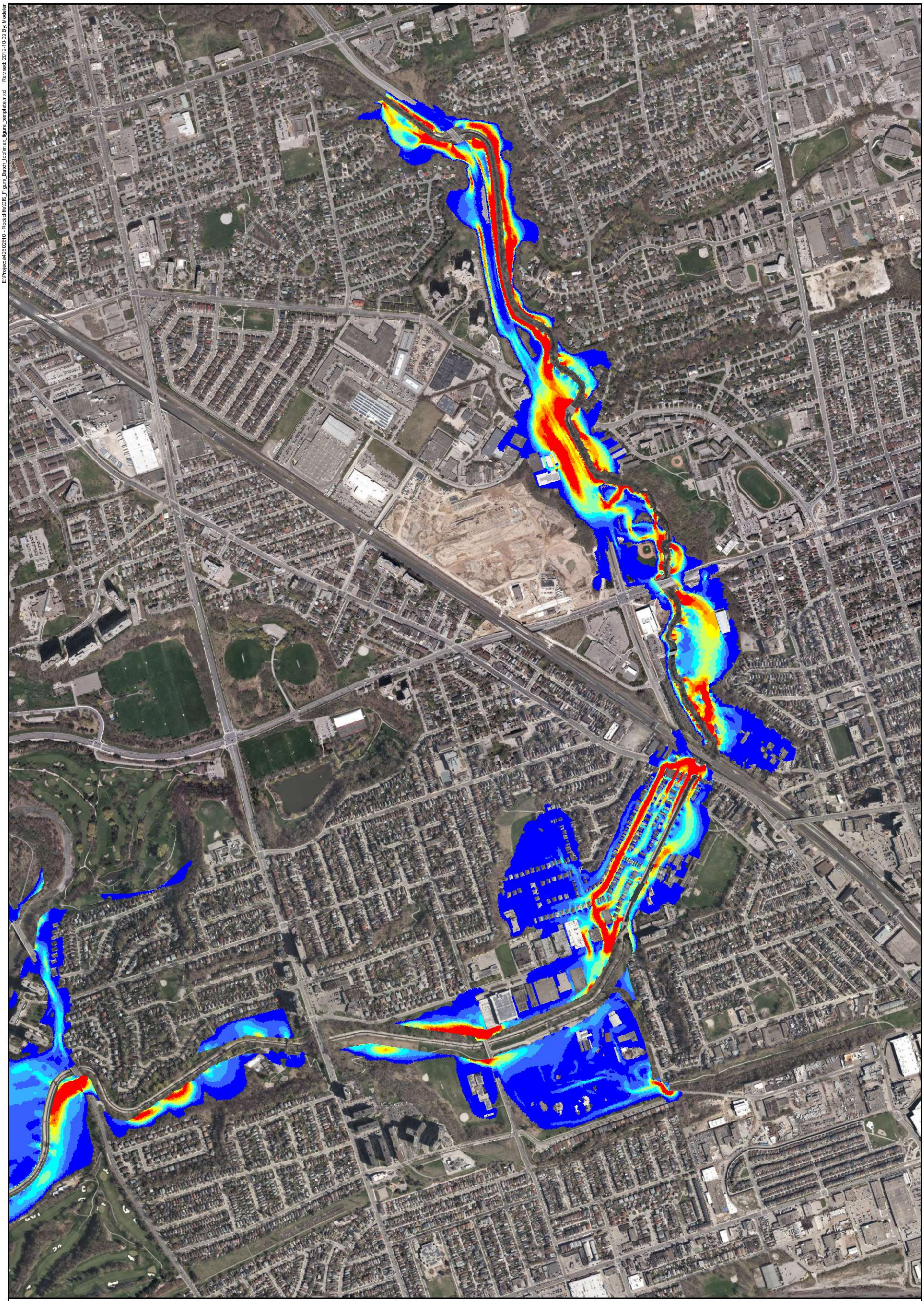
Title

REGIONAL UNSTEADY STORM MAXIMUM VELOCITY ALTERNATIVE 4

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Vel * Depth

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

Figure No.

F-4

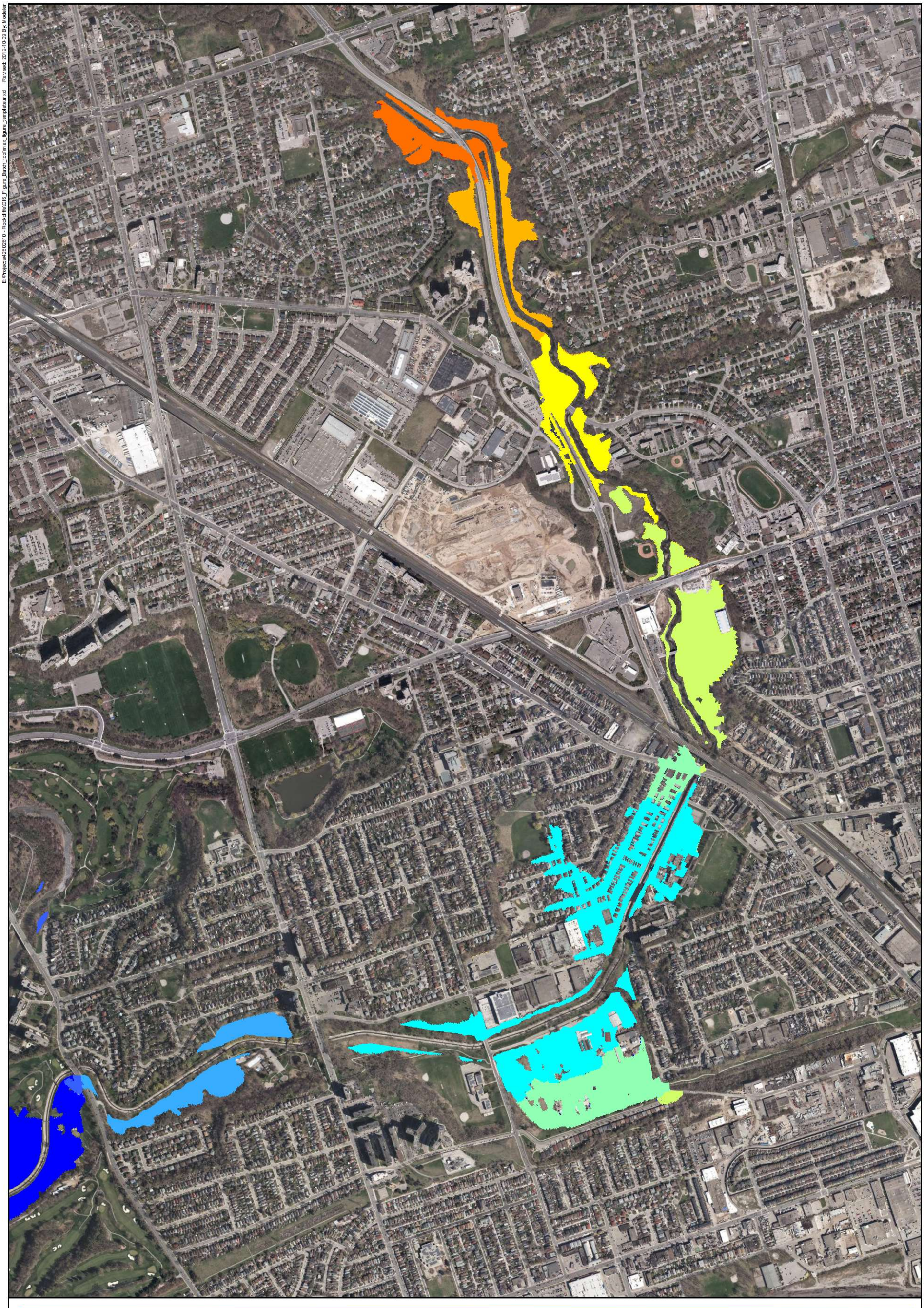
Title

REGIONAL UNSTEADY STORM MAXIMUM VELOCITY AND DEPTH PRODUCT ALTERNATIVE 4

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max WSL [m]

- < 97.5
- 97.5 - 100.0
- 100 - 102.5
- 102.5 - 105.0
- 105 - 107.5
- 107.5 - 110.0
- 110 - 112.5
- 112.5 - 115.0
- 115 - 117.5
- 117.5 - 120.0

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

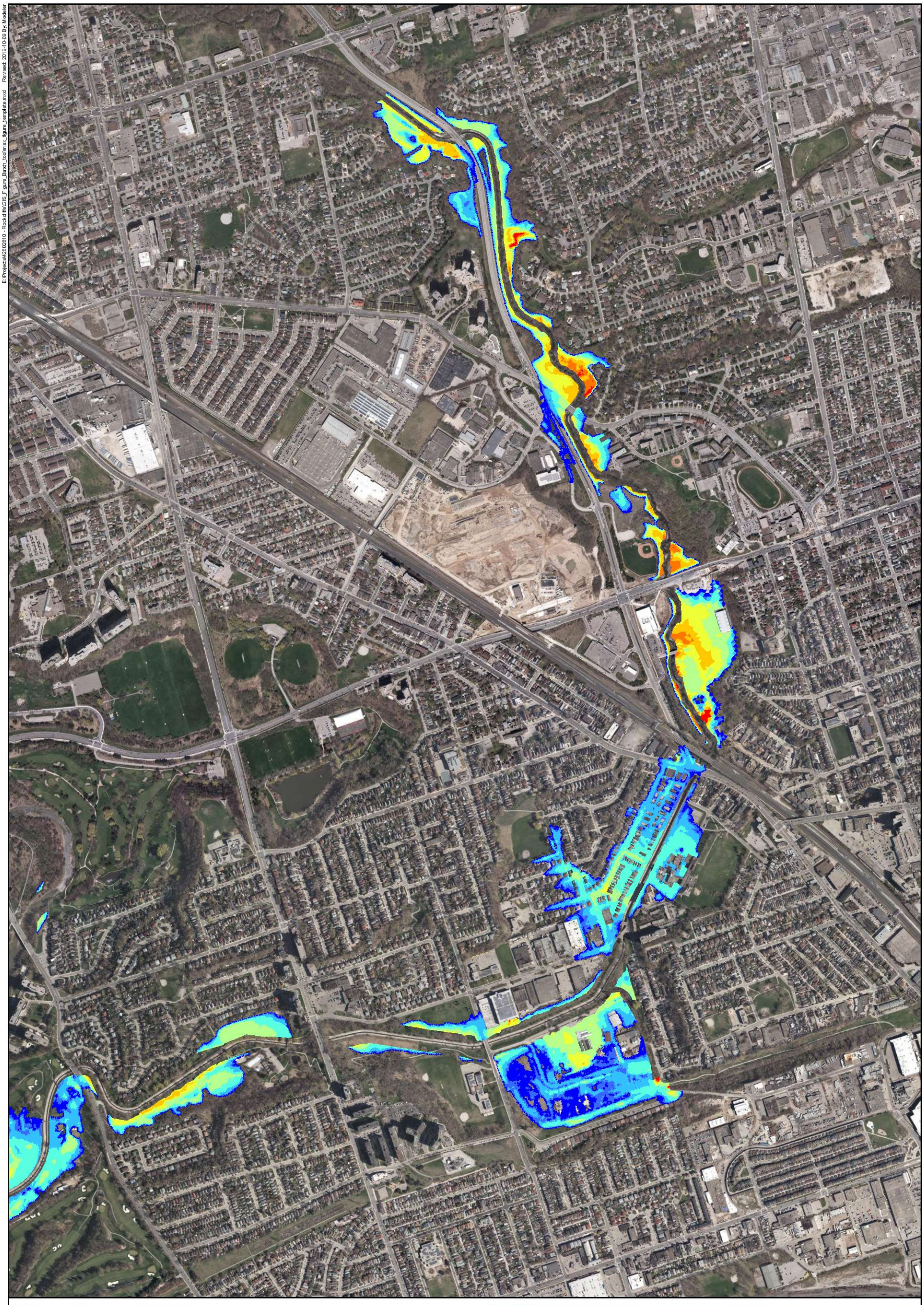
Figure No.

F-5

Title

DESIGN 350-YEAR STORM MAXIMUM WATER SURFACE LEVEL ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Depth [m]

< 0.1	1.0 - 1.5
0.1 - 0.2	1.5 - 2.0
0.2 - 0.5	2.0 - 2.5
0.5 - 1.0	2.5 - 3.0
	> 3.0

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

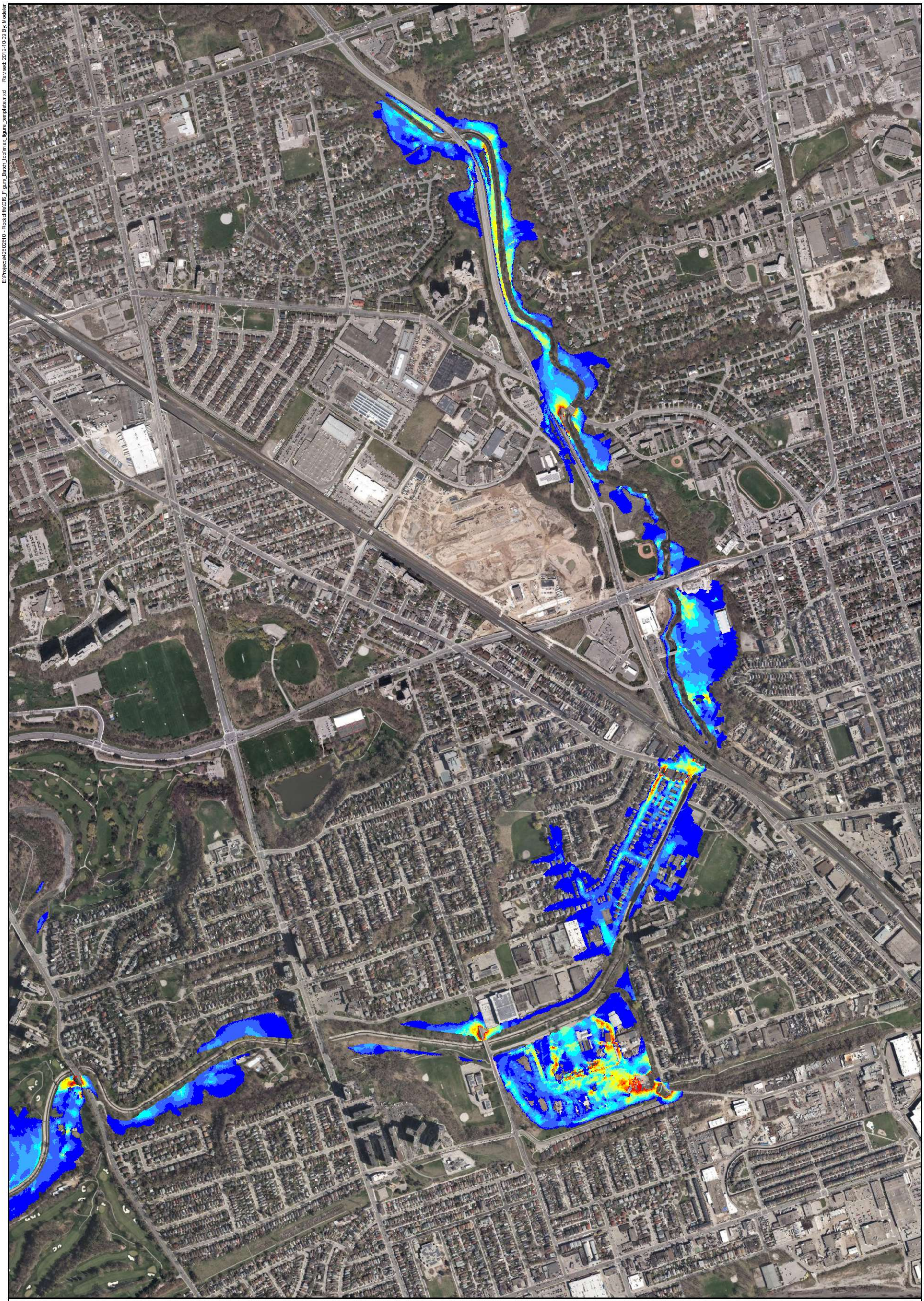
Figure No.

F-6

Title

DESIGN 350-YEAR STORM MAXIMUM FLOOD DEPTH ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Vel [m/s]

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

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Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

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Prepared by Yi Wang on 2019-10-09

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Toronto Region Conservation Authority

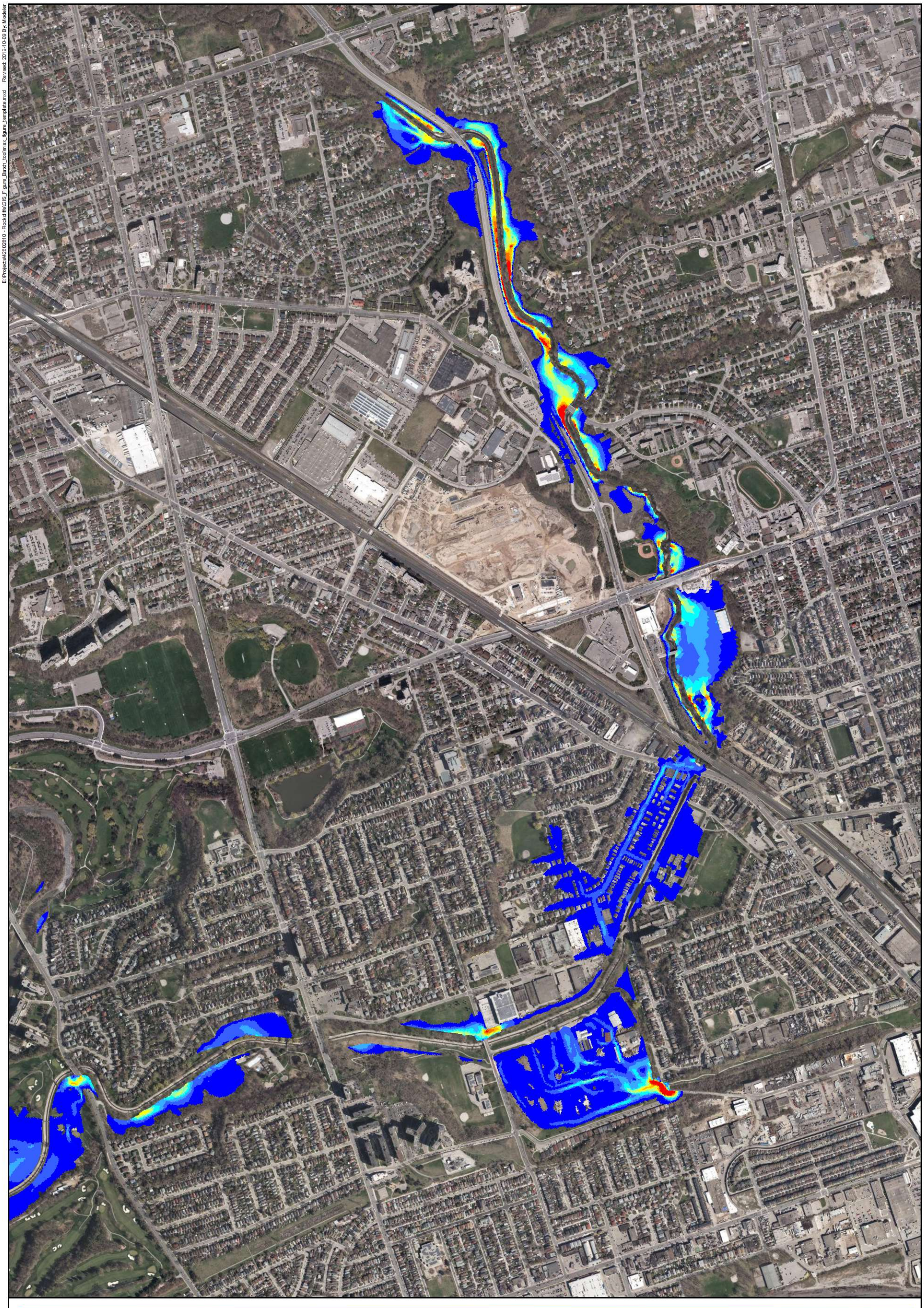
Figure No.

F-7

Title

DESIGN 350-YEAR STORM MAXIMUM VELOCITY ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Vel * Depth

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

1;12000 (At Original document size of 11x17)

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Toronto Region Conservation Authority

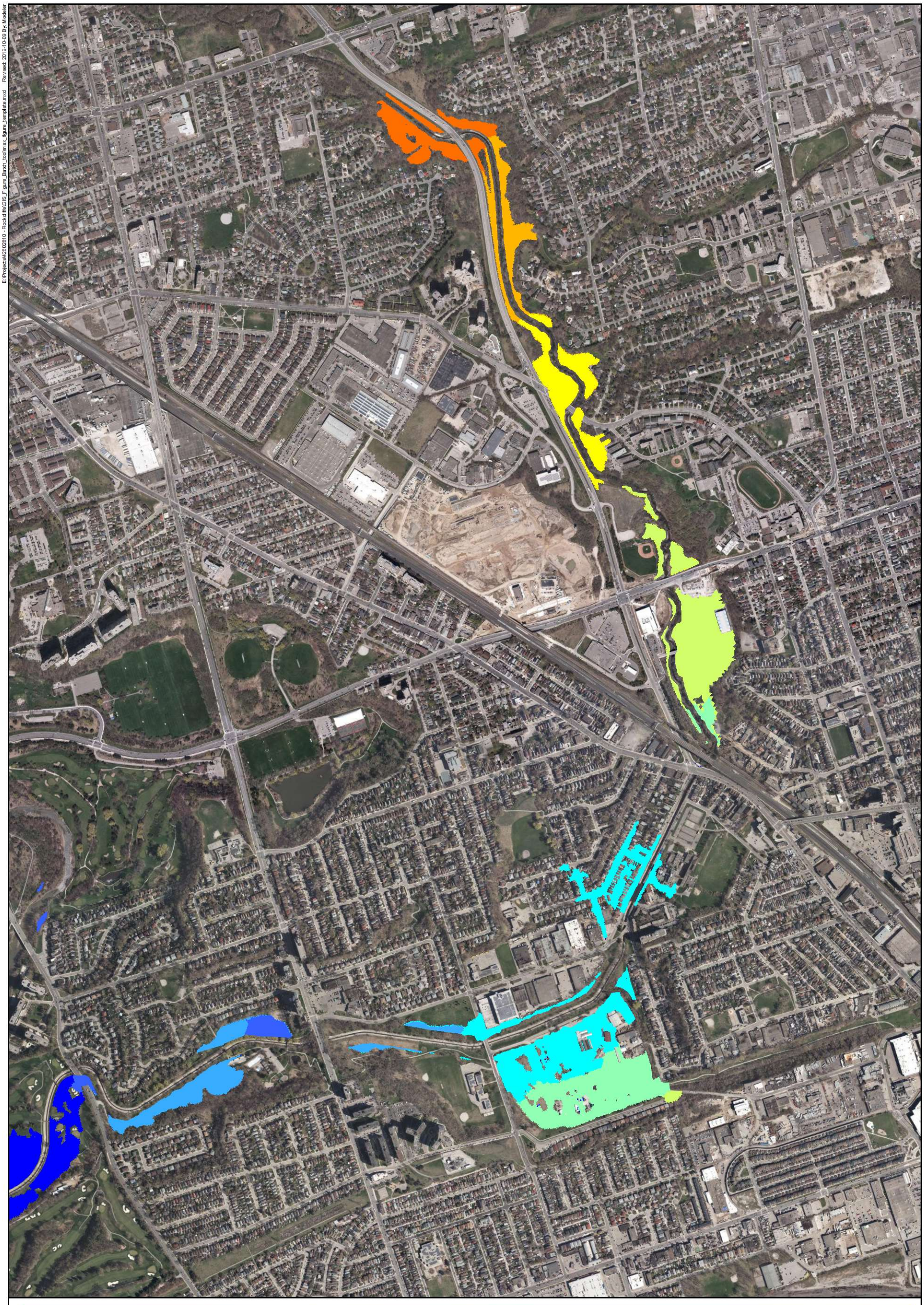
Figure No.

F-8

Title

DESIGN 350-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



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Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max WSL [m]

- < 97.5
- 97.5 - 100.0
- 100 - 102.5
- 102.5 - 105.0
- 105 - 107.5
- 107.5 - 110.0
- 110 - 112.5
- 112.5 - 115.0
- 115 - 117.5
- 117.5 - 120.0

1;12000 (At Original document size of 11x17)

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Figure No.

F-9

Title

DESIGN 100-YEAR STORM MAXIMUM WATER SURFACE LEVEL ALTERNATIVE 4

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Max Depth [m]

< 0.1	1.0 - 1.5
0.1 - 0.2	1.5 - 2.0
0.2 - 0.5	2.0 - 2.5
0.5 - 1.0	2.5 - 3.0
	> 3.0

1;12000 (At Original document size of 11x17)

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
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Figure No.

F-10

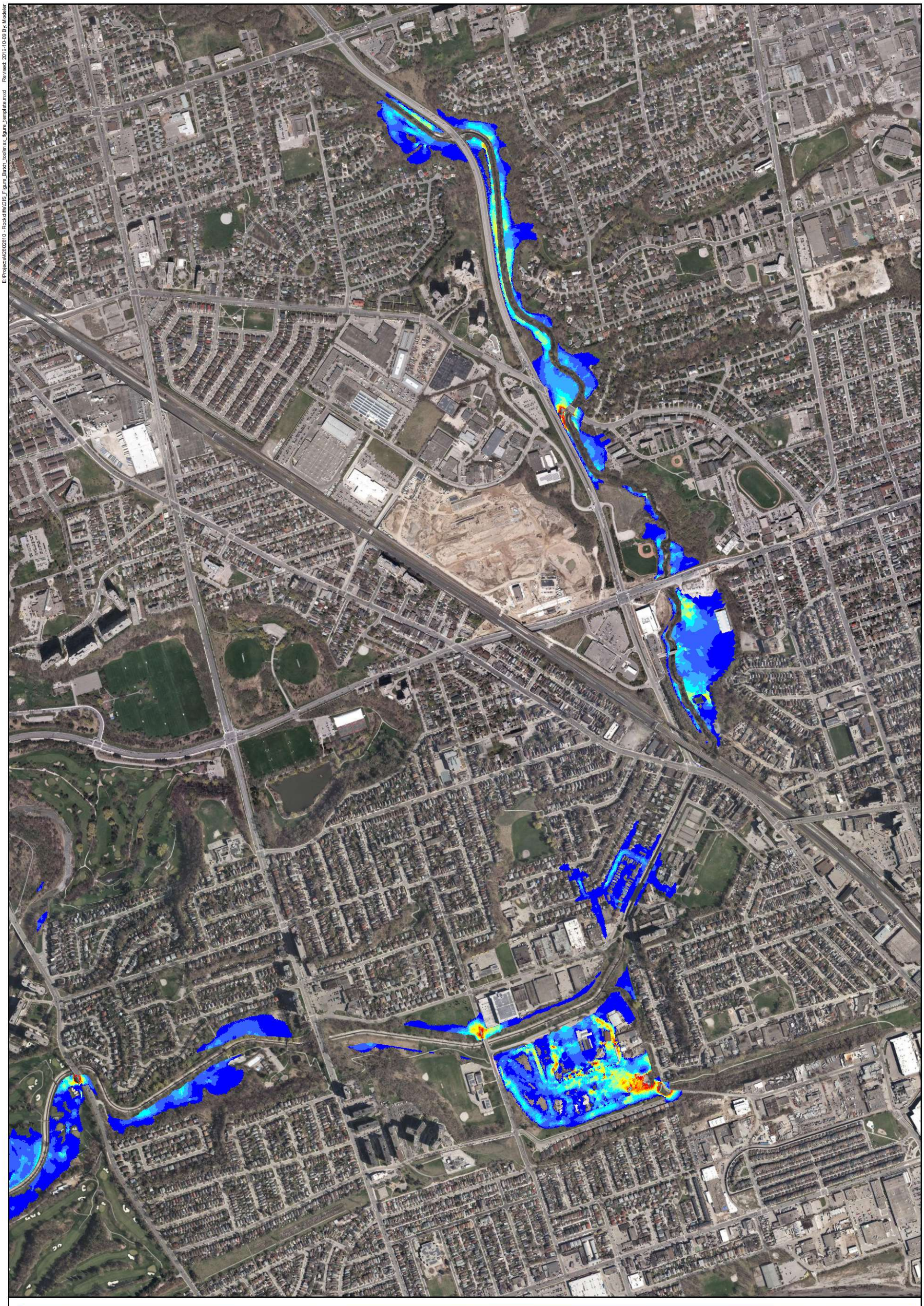
Title

DESIGN 100-YEAR STORM MAXIMUM FLOOD DEPTH ALTERNATIVE 4

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



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Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max Vel [m/s]

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

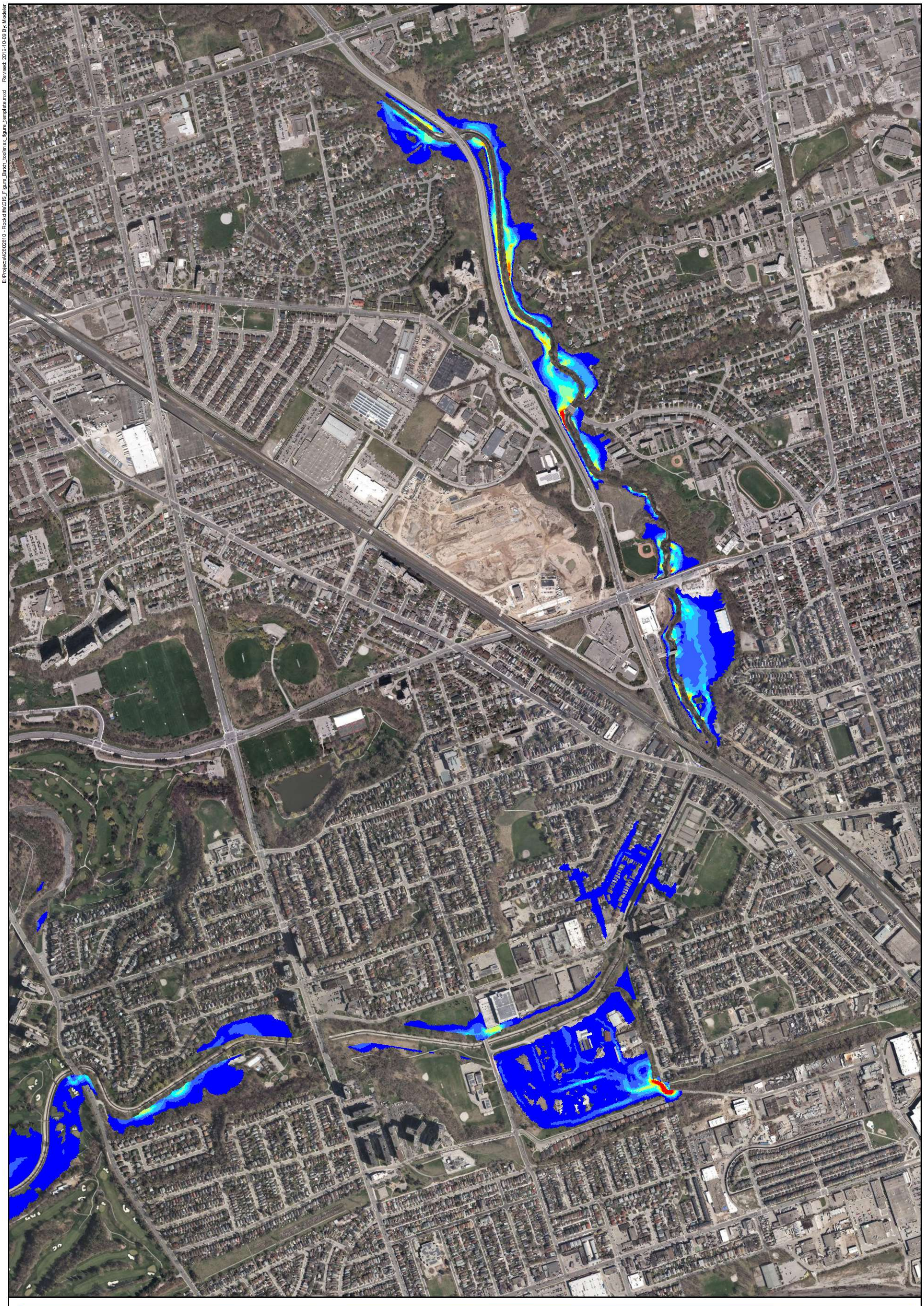
Figure No.

F-11

Title

DESIGN 100-YEAR STORM MAXIMUM VELOCITY ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



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Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max Vel * Depth

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

1;12000 (At Original document size of 11x17)

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

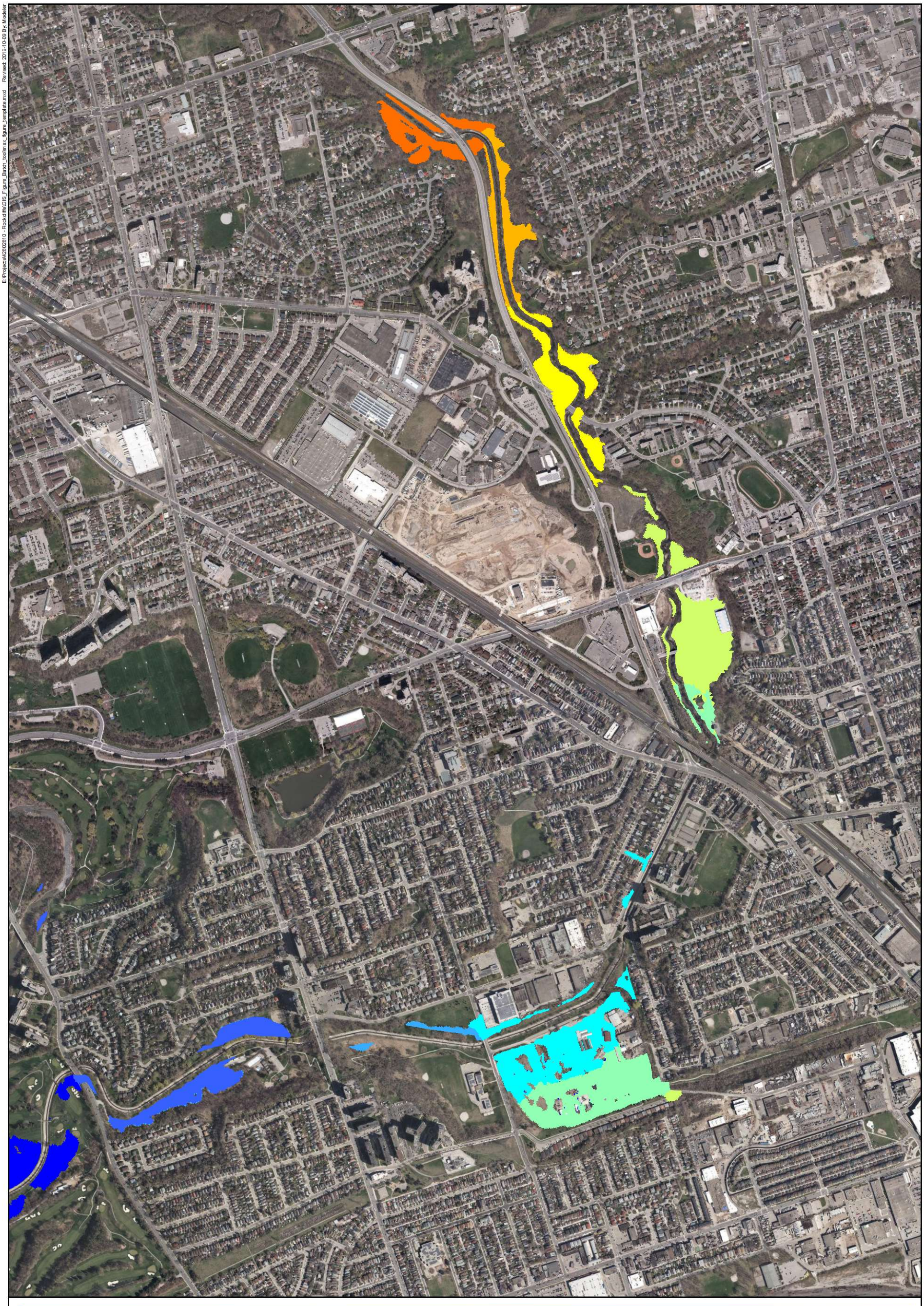
Figure No.

F-12

Title

DESIGN 100-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max WSL [m]

< 97.5	107.5 - 110.0
97.5 - 100.0	110 - 112.5
100 - 102.5	112.5 - 115.0
102.5 - 105.0	115 - 117.5
105 - 107.5	117.5 - 120.0

1;12000 (At Original document size of 11x17)

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Figure No.

F-13

Title

DESIGN 50-YEAR STORM MAXIMUM WATER SURFACE LEVEL ALTERNATIVE 4

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler

Max Depth [m]

< 0.1	1.0 - 1.5
0.1 - 0.2	1.5 - 2.0
0.2 - 0.5	2.0 - 2.5
0.5 - 1.0	2.5 - 3.0
	> 3.0

1;12000 (At Original document size of 11x17)

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

Figure No.

F-14

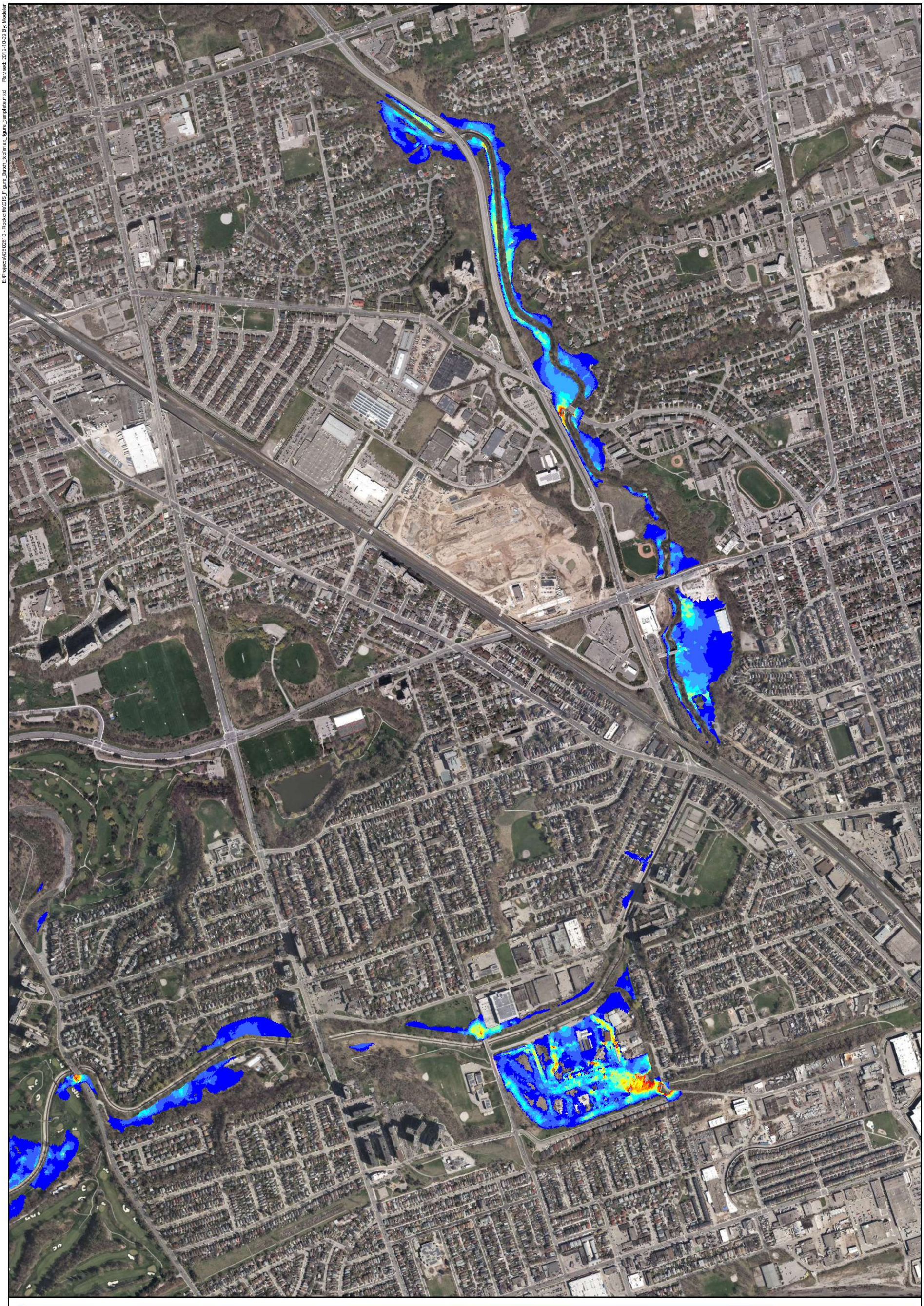
Title

DESIGN 50-YEAR STORM MAXIMUM FLOOD DEPTH ALTERNATIVE 4

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Vel [m/s]

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

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Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

1;12000 (At Original document size of 11x17)

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

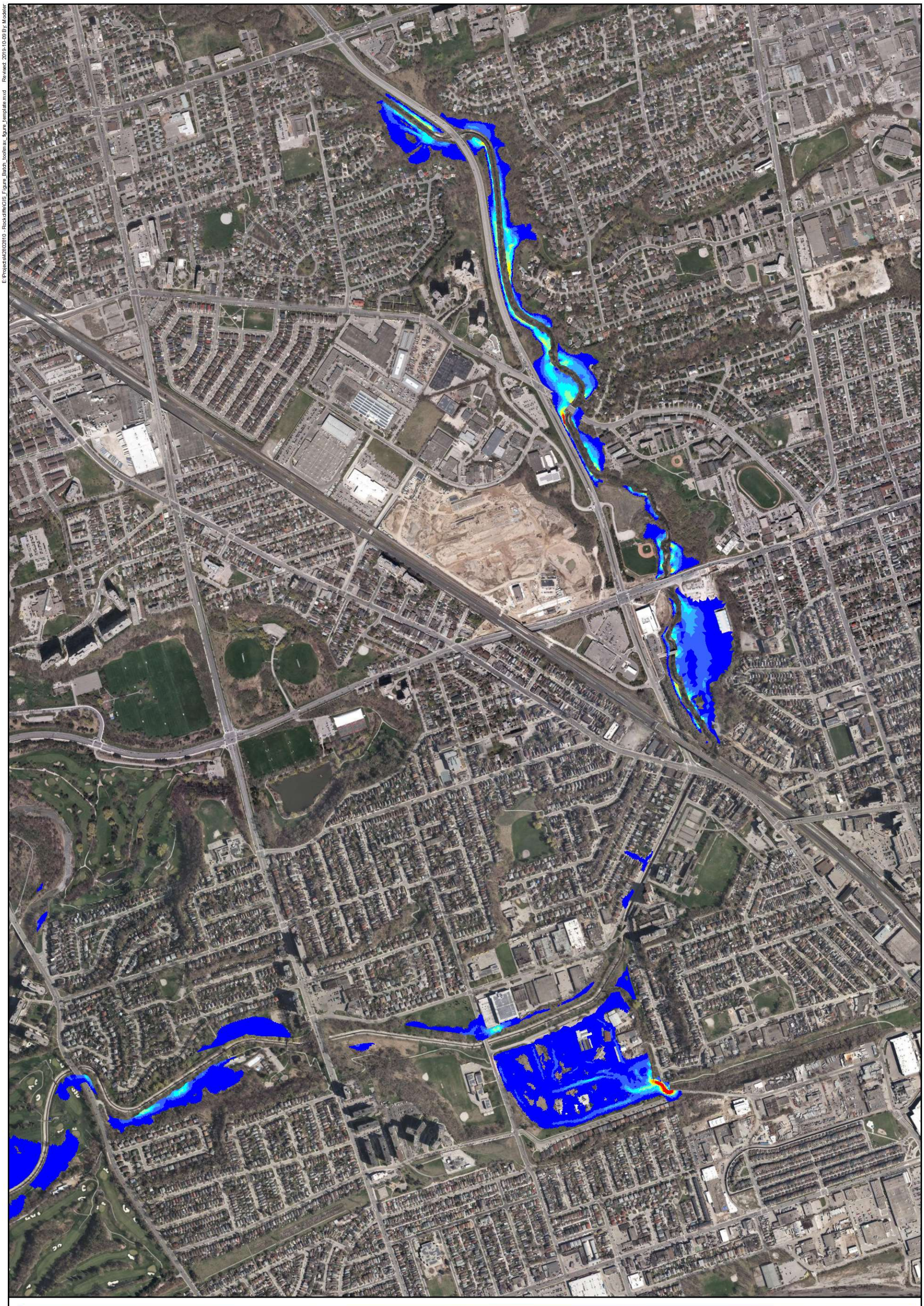
Figure No.

F-15

Title

DESIGN 50-YEAR STORM MAXIMUM VELOCITY ALTERNATIVE 4

E:\Project\ek\2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



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Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max Vel * Depth

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

1;12000 (At Original document size of 11x17)

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

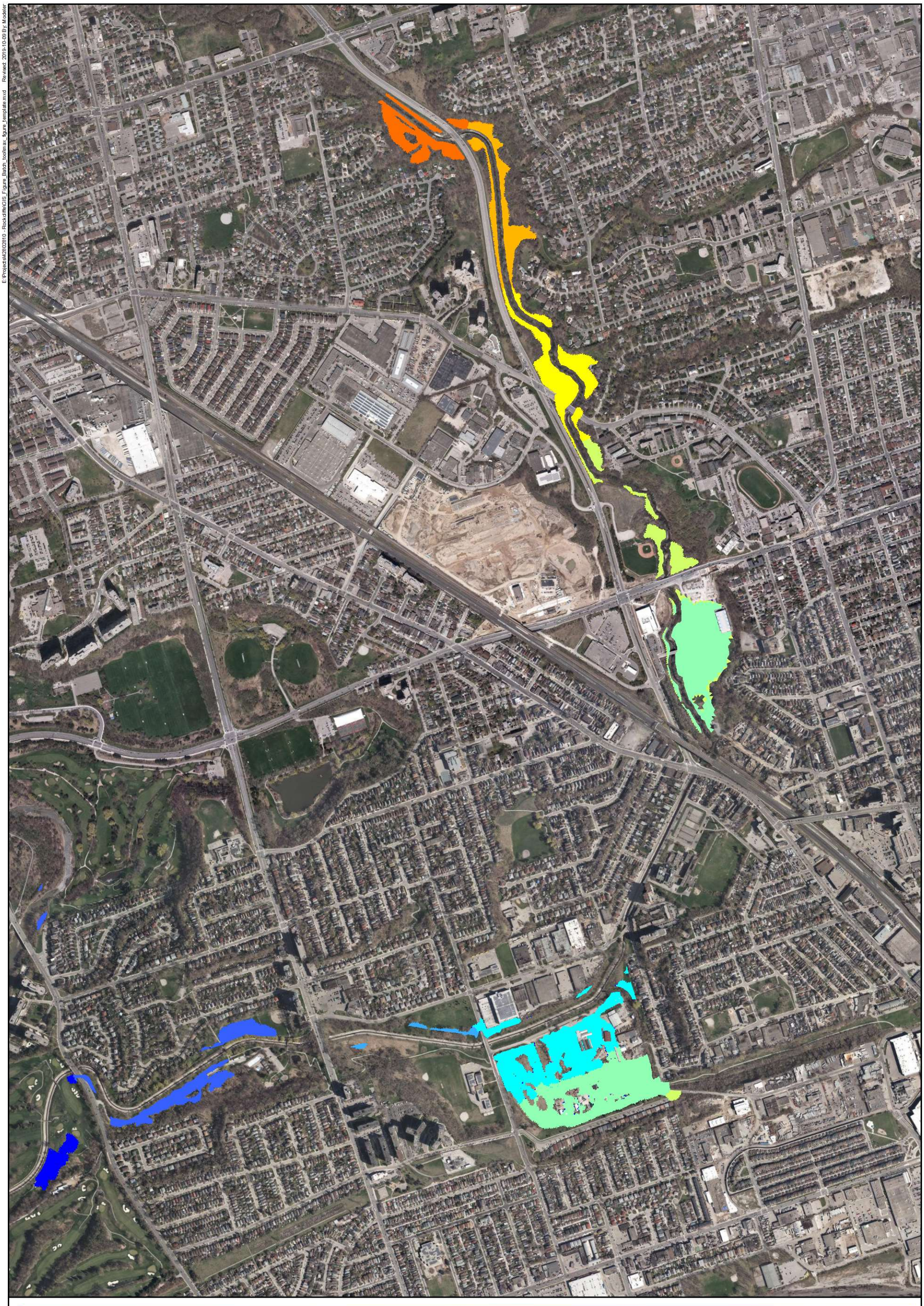
Figure No.

F-16

Title

DESIGN 50-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max WSL [m]

< 97.5	107.5 - 110.0
97.5 - 100.0	110 - 112.5
100 - 102.5	112.5 - 115.0
102.5 - 105.0	115 - 117.5
105 - 107.5	117.5 - 120.0

1;12000 (At Original document size of 11x17)

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

Figure No.

F-17

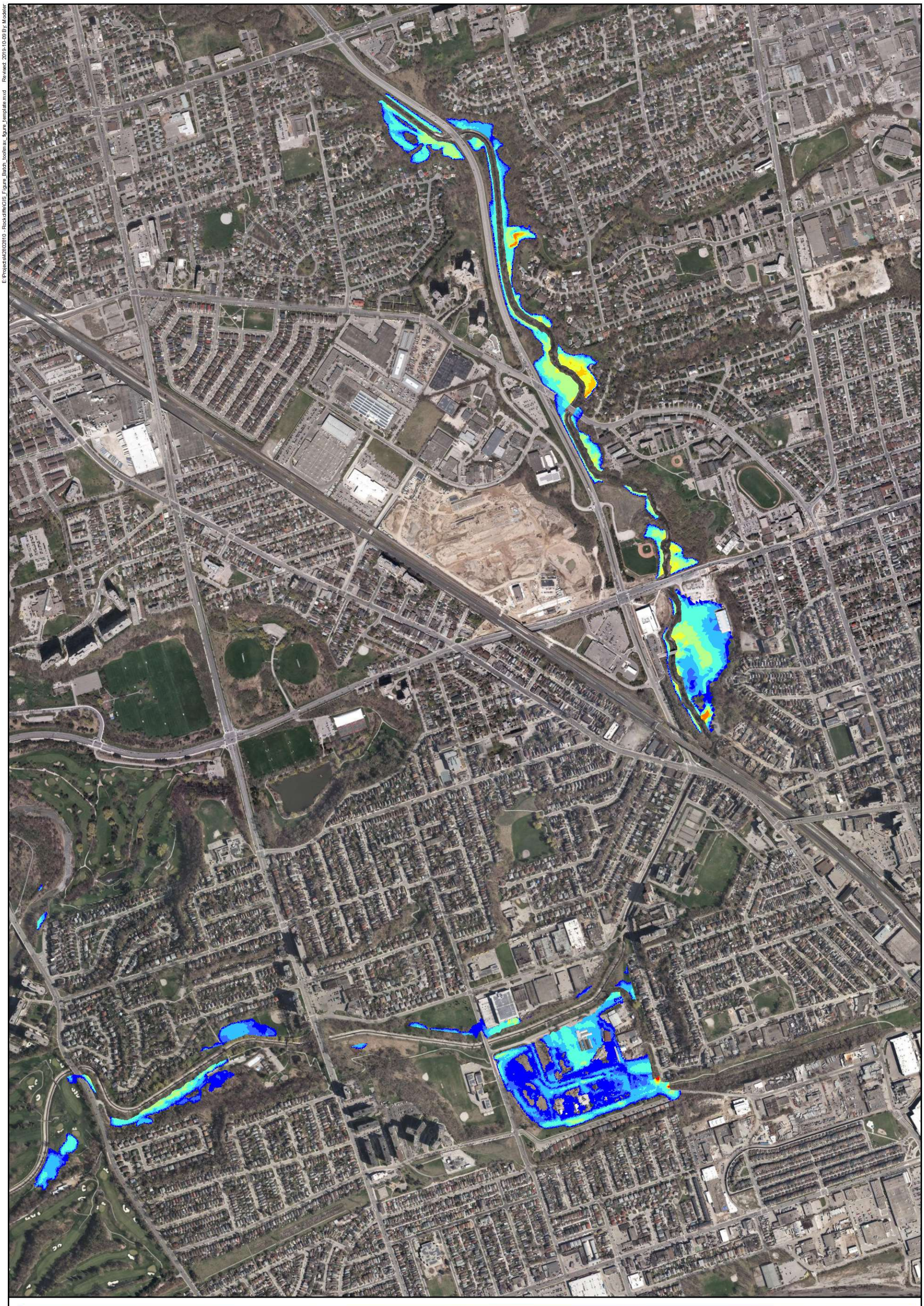
Title

DESIGN 25-YEAR STORM MAXIMUM WATER SURFACE LEVEL ALTERNATIVE 4

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

E:\Project\ef\2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Depth [m]

< 0.1	1.0 - 1.5
0.1 - 0.2	1.5 - 2.0
0.2 - 0.5	2.0 - 2.5
0.5 - 1.0	2.5 - 3.0
	> 3.0

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Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

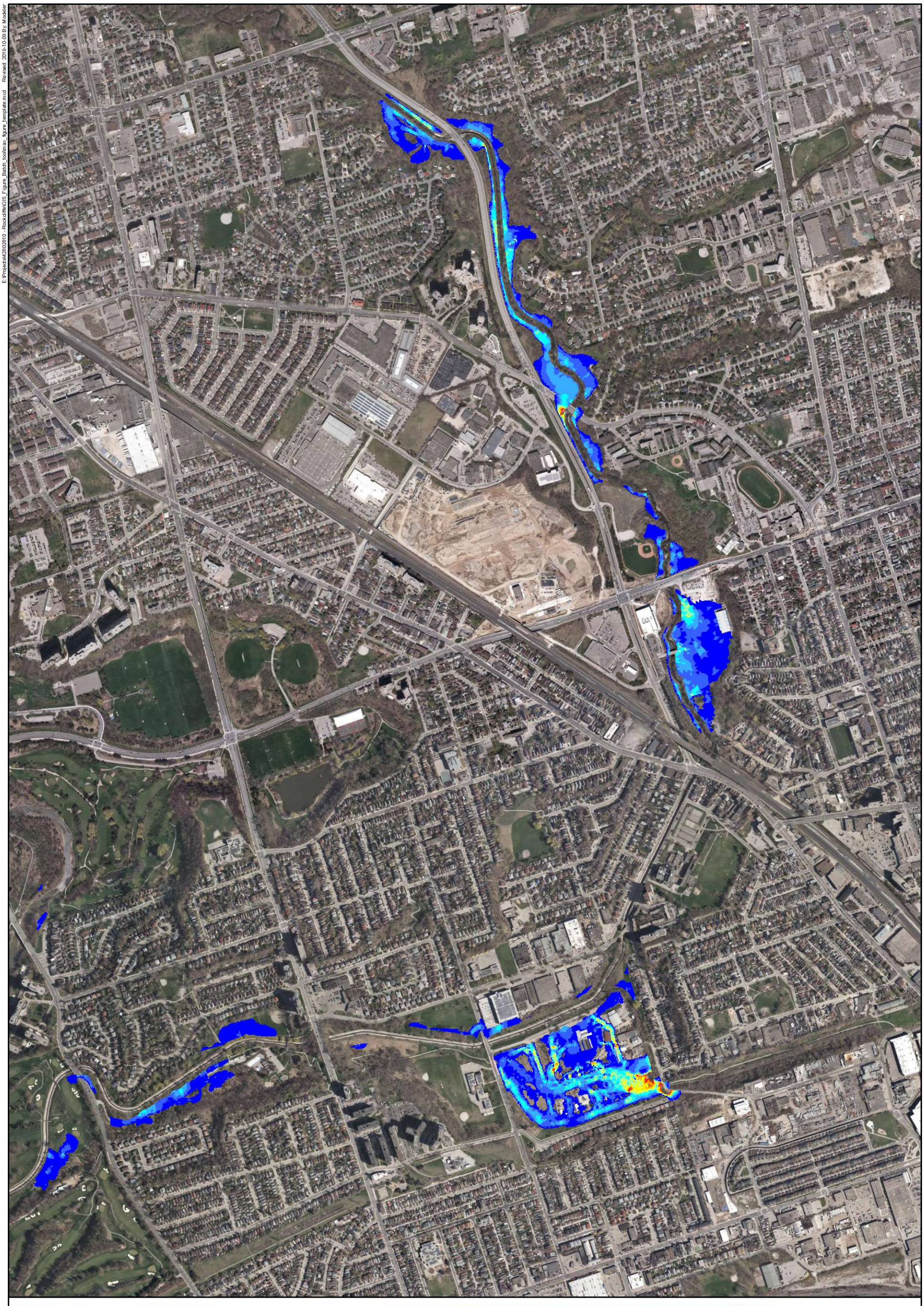
Figure No.

F-18

Title

DESIGN 25-YEAR STORM MAXIMUM FLOOD DEPTH ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Vel [m/s]

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

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Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

1;12000 (At Original document size of 11x17)

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

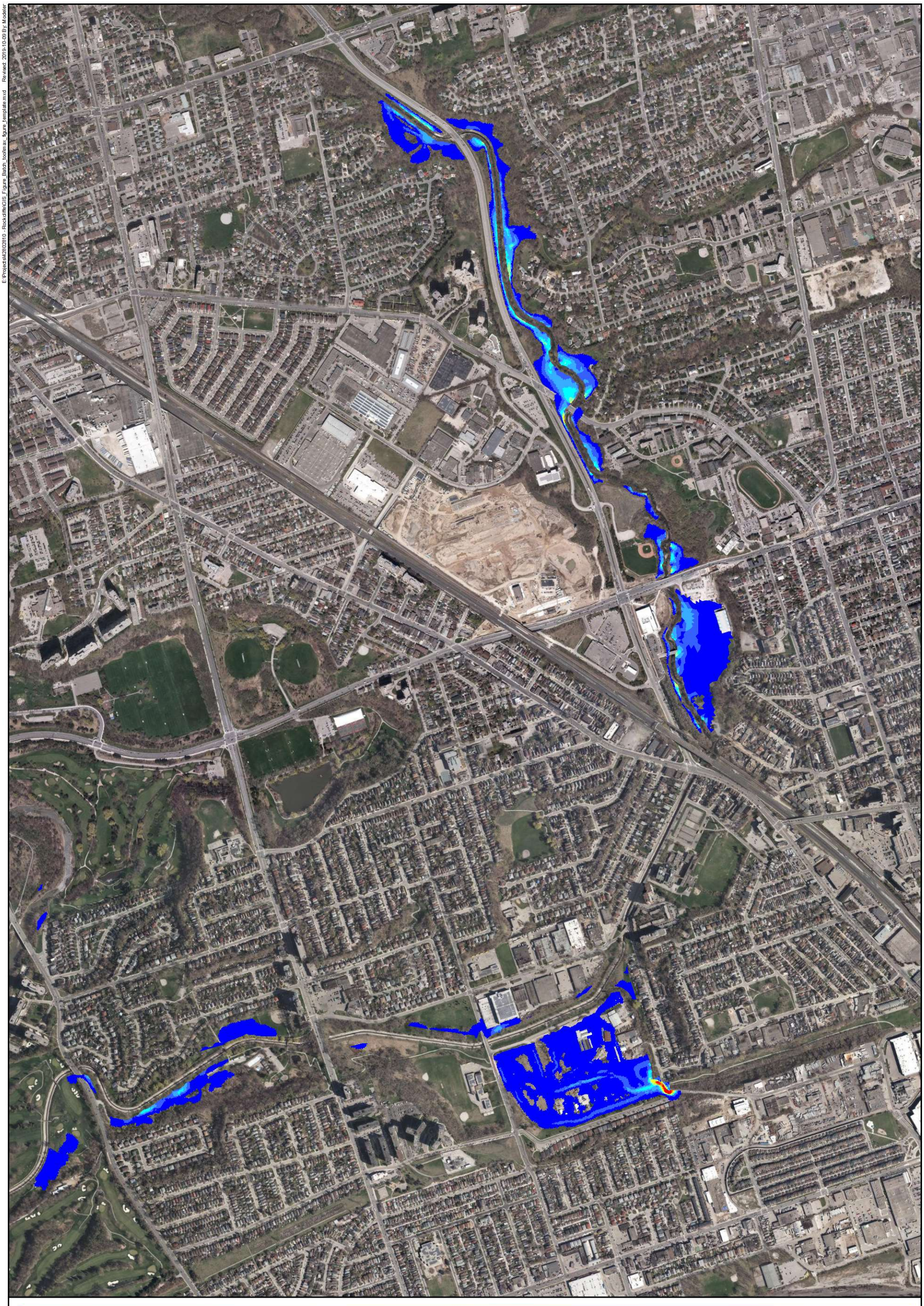
Figure No.

F-19

Title

DESIGN 25-YEAR STORM MAXIMUM VELOCITY ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Vel * Depth

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

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Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

Figure No.

F-20

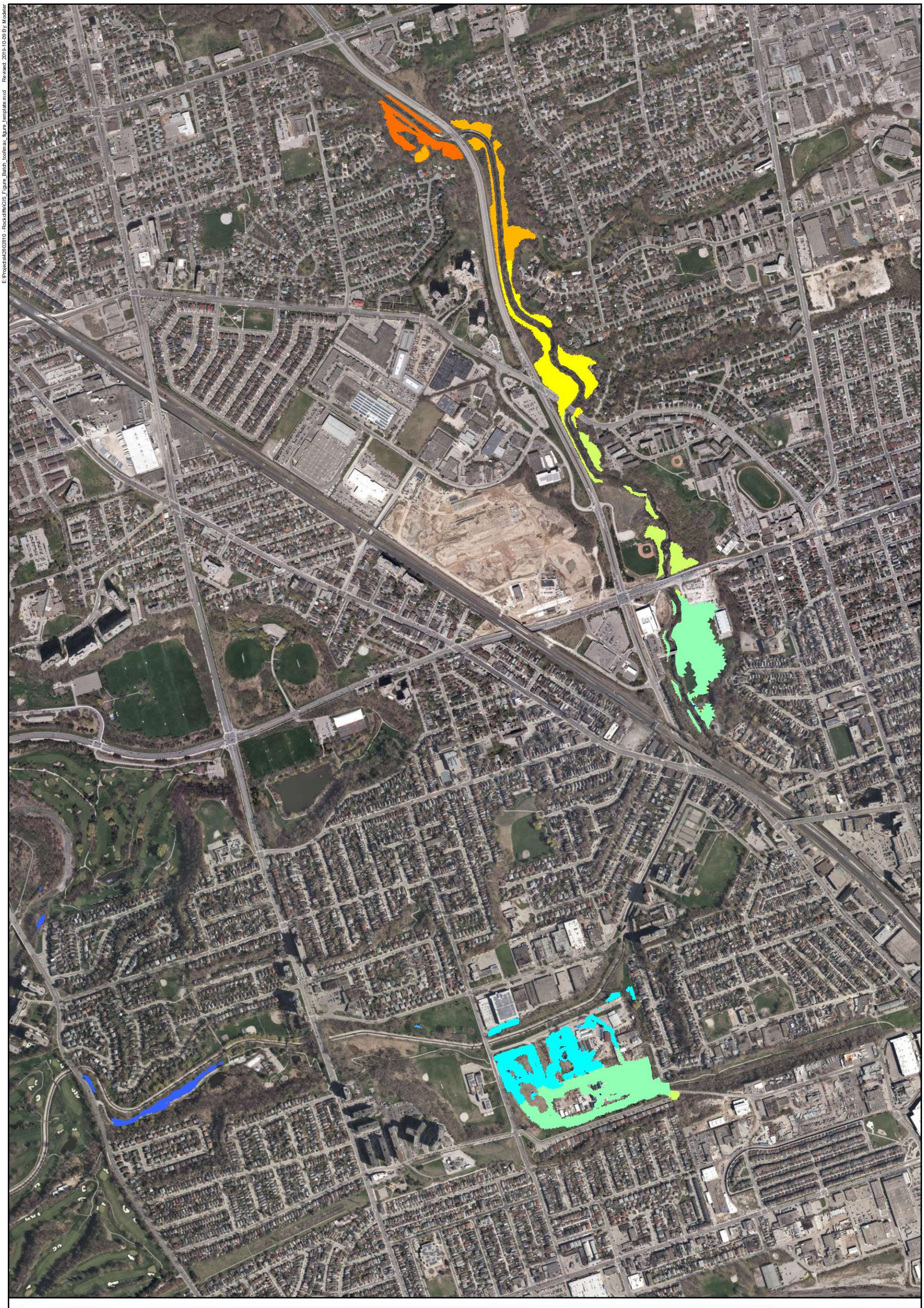
Title

DESIGN 25-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT ALTERNATIVE 4

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

E:\Project\ek\2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



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wood.

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max WSL [m]

- < 97.5
- 97.5 - 100.0
- 100 - 102.5
- 102.5 - 105.0
- 105 - 107.5
- 107.5 - 110.0
- 110 - 112.5
- 112.5 - 115.0
- 115 - 117.5
- 117.5 - 120.0

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

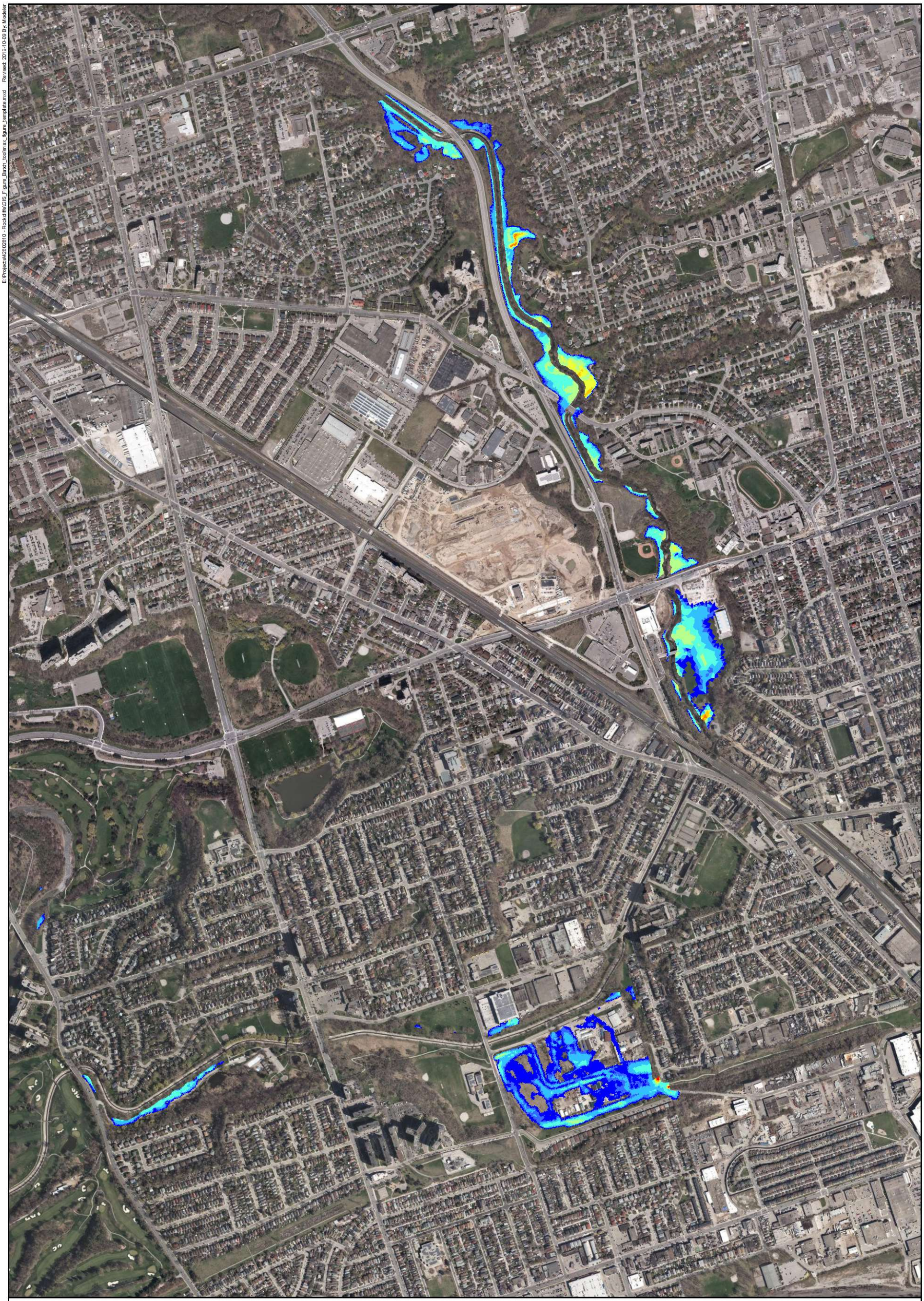
Figure No.

F-21

Title

DESIGN 10-YEAR STORM MAXIMUM WATER SURFACE LEVEL ALTERNATIVE 4

E:\Projects\#2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Depth [m]

< 0.1	1.0 - 1.5
0.1 - 0.2	1.5 - 2.0
0.2 - 0.5	2.0 - 2.5
0.5 - 1.0	2.5 - 3.0
	> 3.0

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

Figure No.

F-22

Title

DESIGN 10-YEAR STORM MAXIMUM FLOOD DEPTH ALTERNATIVE 4

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

E:\Project\ek\2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler

DHI

Toronto and Region Conservation for The Living City

wood.

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max Vel [m/s]

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

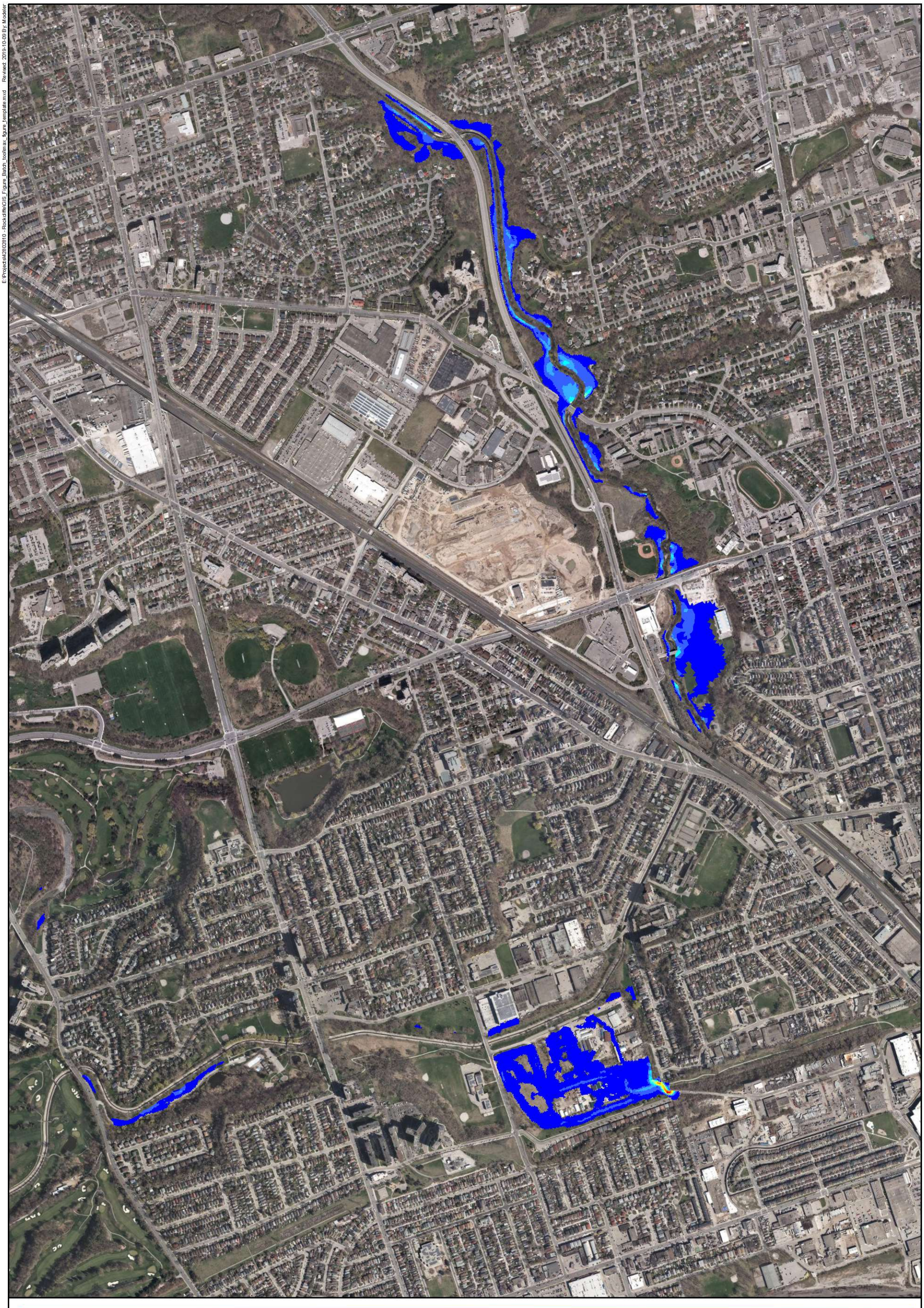
Figure No.

F-23

Title

DESIGN 10-YEAR STORM MAXIMUM VELOCITY ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Vel * Depth

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

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wood.

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

Figure No.

F-24

Title

DESIGN 10-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler

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Toronto and Region Conservation for The Living City

wood.

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max WSL [m]

< 97.5	107.5 - 110.0
97.5 - 100.0	110 - 112.5
100 - 102.5	112.5 - 115.0
102.5 - 105.0	115 - 117.5
105 - 107.5	117.5 - 120.0

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

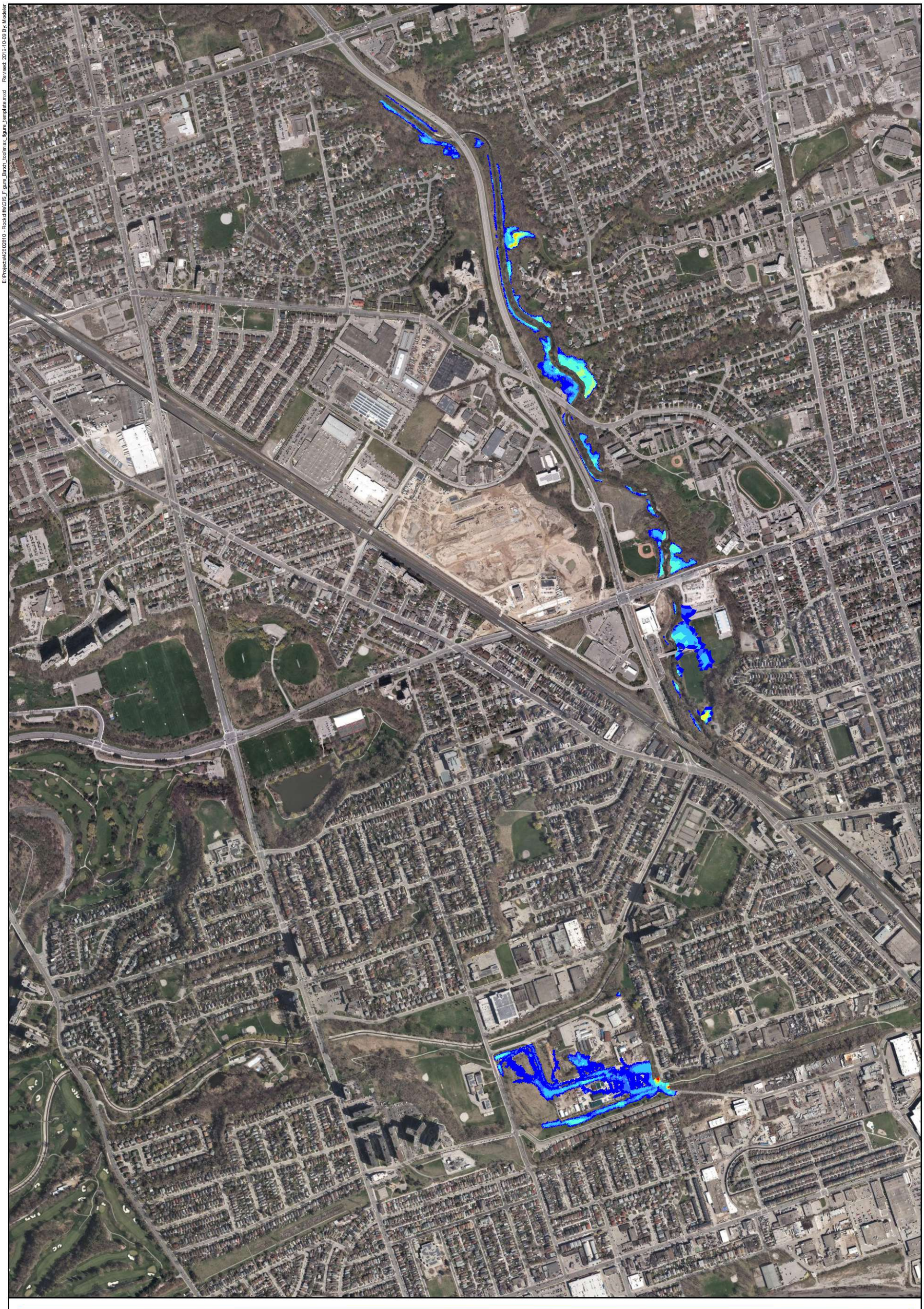
Figure No.

F-29

Title

DESIGN 5-YEAR STORM MAXIMUM WATER SURFACE LEVEL ALTERNATIVE 4

E:\Project\ek\2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Depth [m]

< 0.1	1.0 - 1.5
0.1 - 0.2	1.5 - 2.0
0.2 - 0.5	2.0 - 2.5
0.5 - 1.0	2.5 - 3.0
	> 3.0

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

Figure No.

F-30

Title

DESIGN 5-YEAR STORM MAXIMUM FLOOD DEPTH ALTERNATIVE 4

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler

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wood.

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max Vel [m/s]

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

Figure No.

F-31

Title

DESIGN 5-YEAR STORM MAXIMUM VELOCITY ALTERNATIVE 4

E:\Project\ek\2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler

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Toronto and Region Conservation for The Living City

wood.

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max Vel * Depth

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

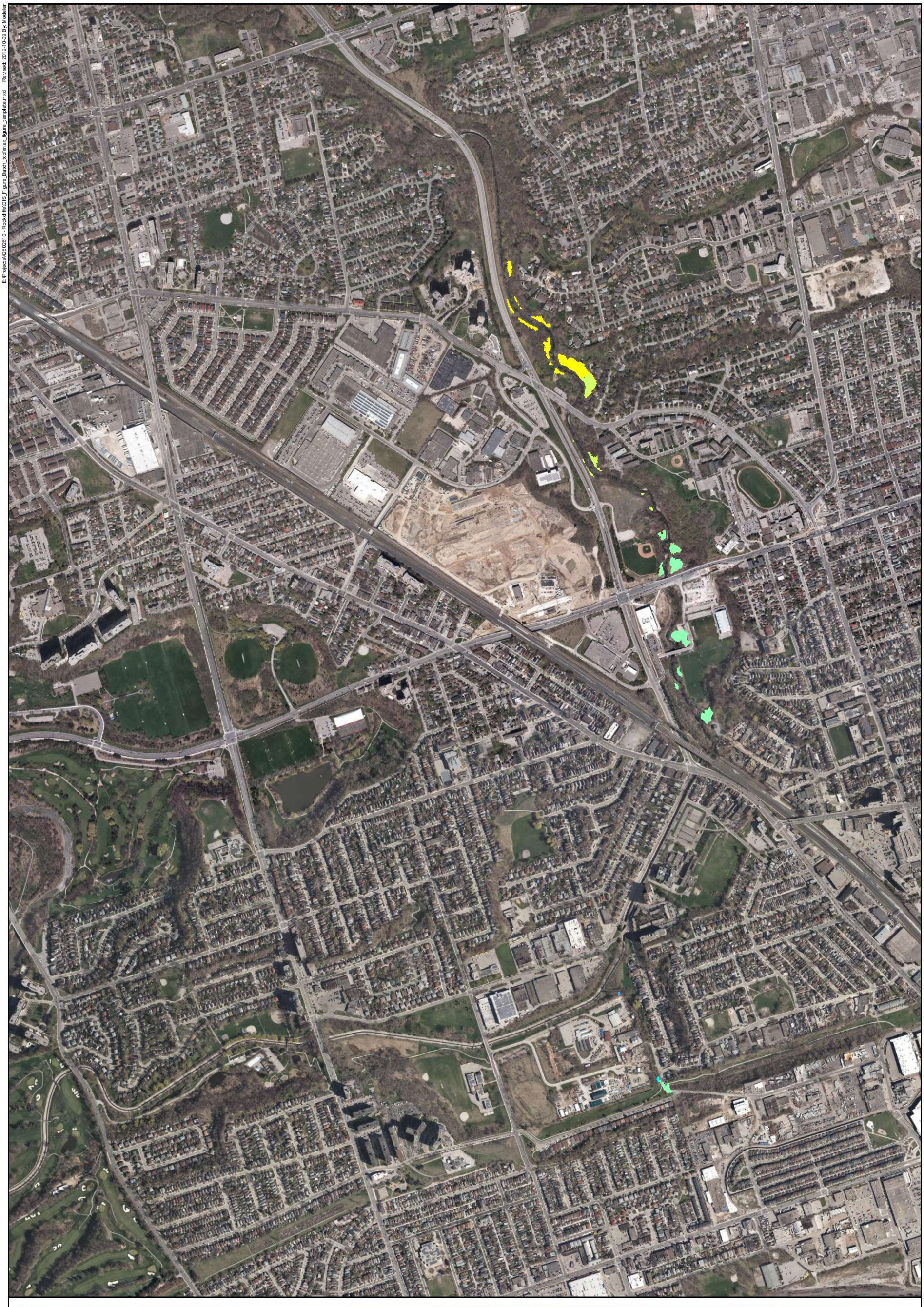
Figure No.

F-32

Title

DESIGN 5-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



DHI

Toronto and Region Conservation for The Living City

wood.

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max WSL [m]

- < 97.5
- 97.5 - 100.0
- 100 - 102.5
- 102.5 - 105.0
- 105 - 107.5
- 107.5 - 110.0
- 110 - 112.5
- 112.5 - 115.0
- 115 - 117.5
- 117.5 - 120.0

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

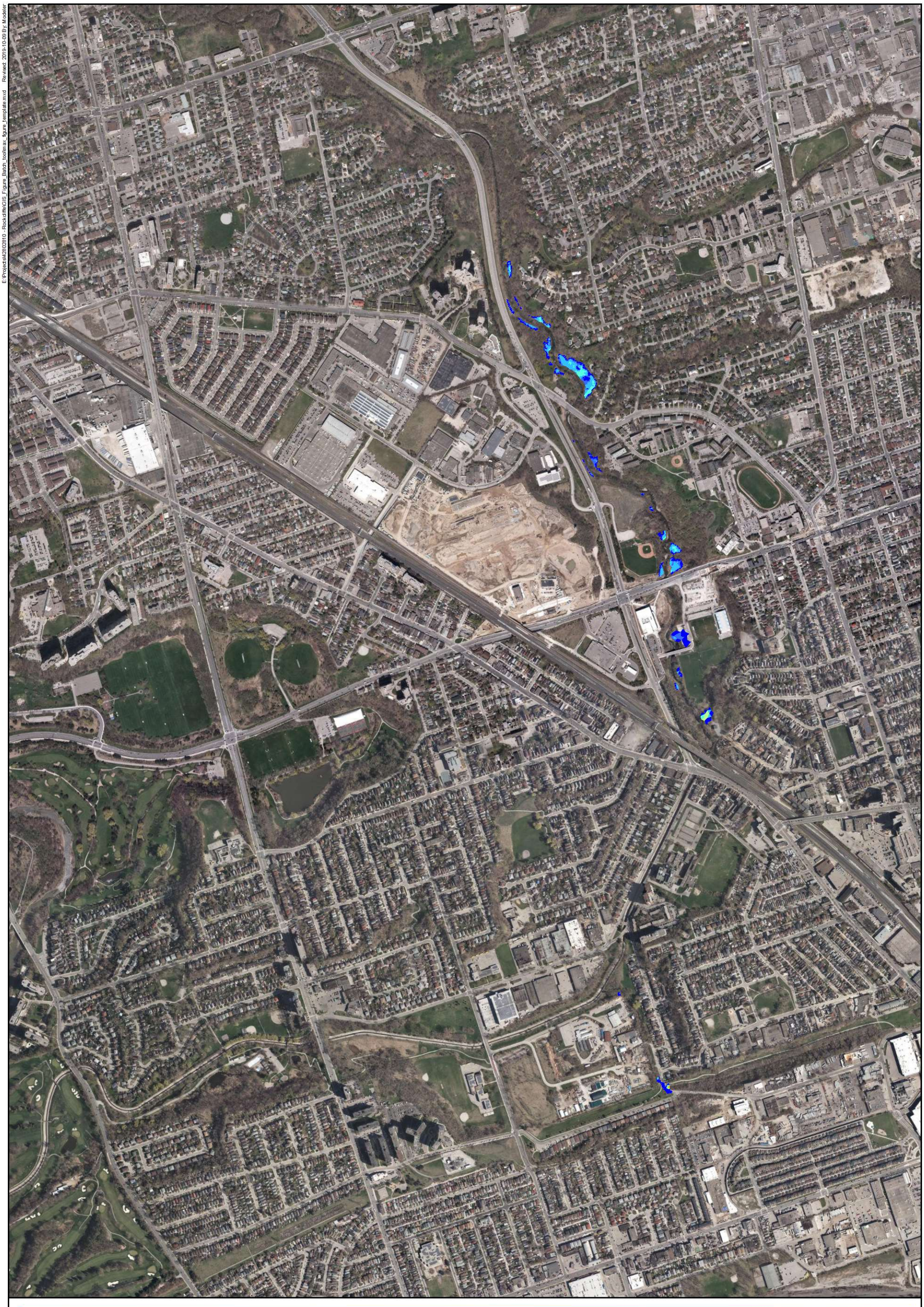
Figure No.

F-25

Title

DESIGN 2-YEAR STORM MAXIMUM WATER SURFACE LEVEL ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Depth [m]

< 0.1	1.0 - 1.5
0.1 - 0.2	1.5 - 2.0
0.2 - 0.5	2.0 - 2.5
0.5 - 1.0	2.5 - 3.0
	> 3.0

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

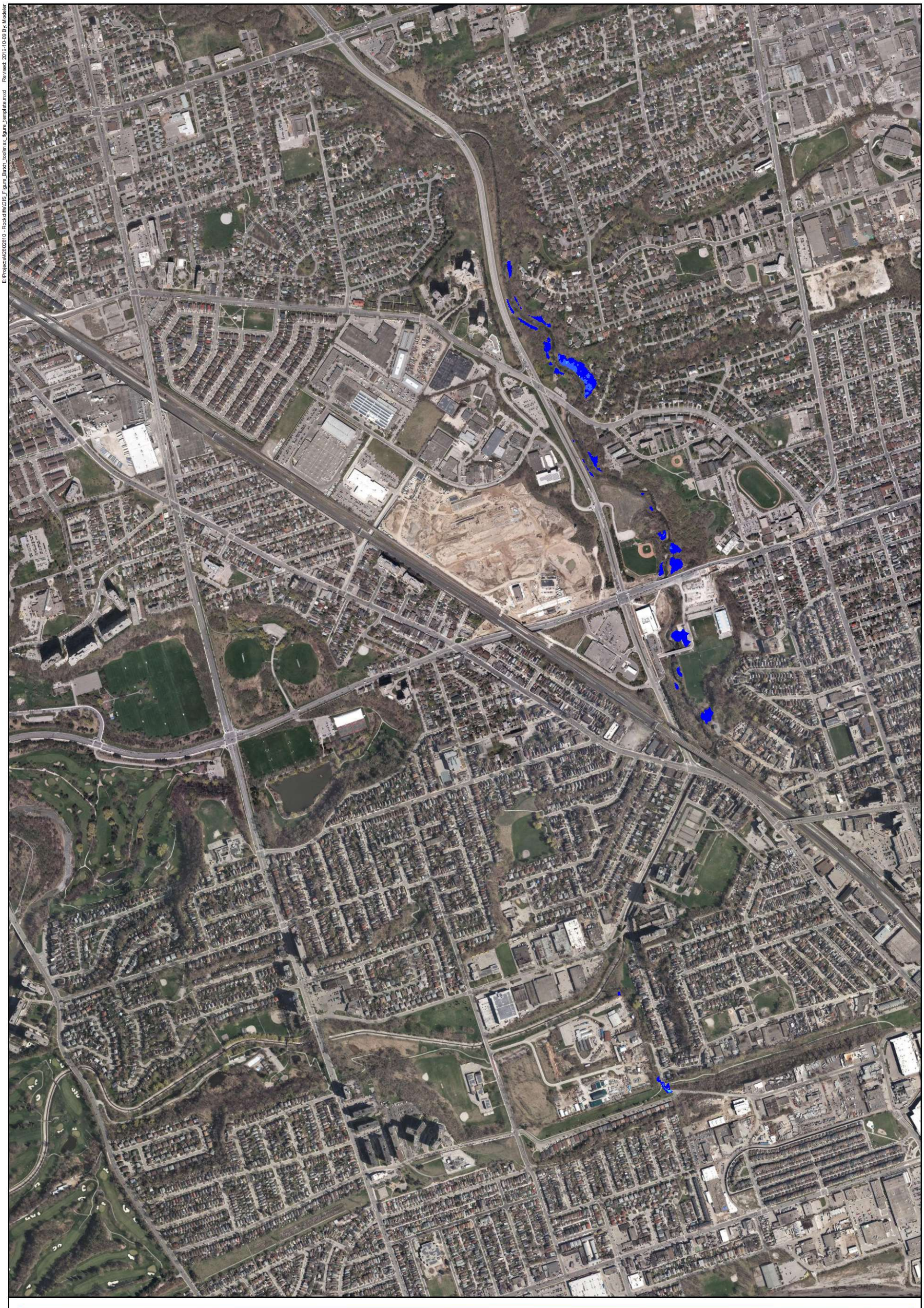
Figure No.

F-26

Title

DESIGN 2-YEAR STORM MAXIMUM FLOOD DEPTH ALTERNATIVE 4

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



Max Vel [m/s]

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

Figure No.

F-27

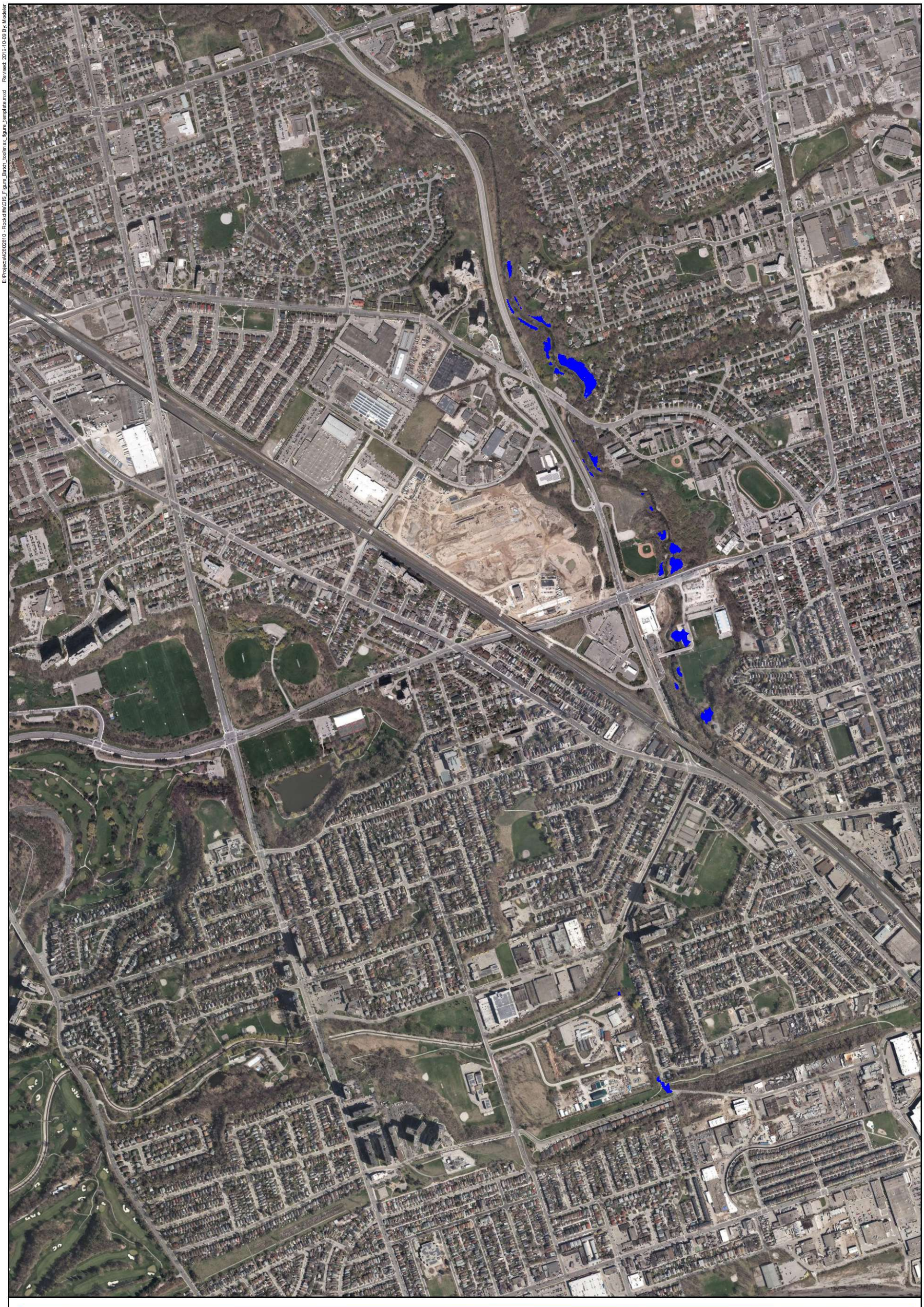
Title

DESIGN 2-YEAR STORM MAXIMUM VELOCITY ALTERNATIVE 4

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

E:\Project\wt2802610 - Rockcliffe\GIS_Figure_Batch_toolmax_figure_template.mxd Revised: 2019-10-09 By: Modeler



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Toronto and Region Conservation for The Living City

wood.

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,

Max Vel * Depth

< 0.2	1.0 - 1.2
0.2 - 0.4	1.2 - 1.4
0.4 - 0.6	1.4 - 1.6
0.6 - 0.8	1.6 - 1.8
0.8 - 1.0	> 1.8

1;12000 (At Original document size of 11x17)

Prepared by Yi Wang on 2019-10-09

Client/Project

Rockcliffe SPA 2D Model and Floodplain Mapping Update
Toronto Region Conservation Authority

Figure No.

F-28

Title

DESIGN 2-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT ALTERNATIVE 4

Appendix G - Section G

Flood Maps for Preferred Flood Mitigation Alternatives

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max WSL [m]

- > 111.5
- 110 - 111.5
- 108.5 - 110
- 107 - 108.5
- 105.5 - 107
- 104 - 105.5
- 102.5 - 104
- 101 - 102.5
- 99.5 - 101
- < 99.5

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-1

Title
REGIONAL UNSTEADY STORM MAXIMUM WATER SURFACE LEVEL PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Depth [m]

- > 3.0
- 2.5 - 3.0
- 2.0 - 2.5
- 1.5 - 2.0
- 1.0 - 1.5
- 0.5 - 1.0
- 0.2 - 0.5
- 0.1 - 0.2
- < 0.1

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-2

Title
REGIONAL UNSTEADY STORM MAXIMUM FLOOD DEPTH PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel [m/s]

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

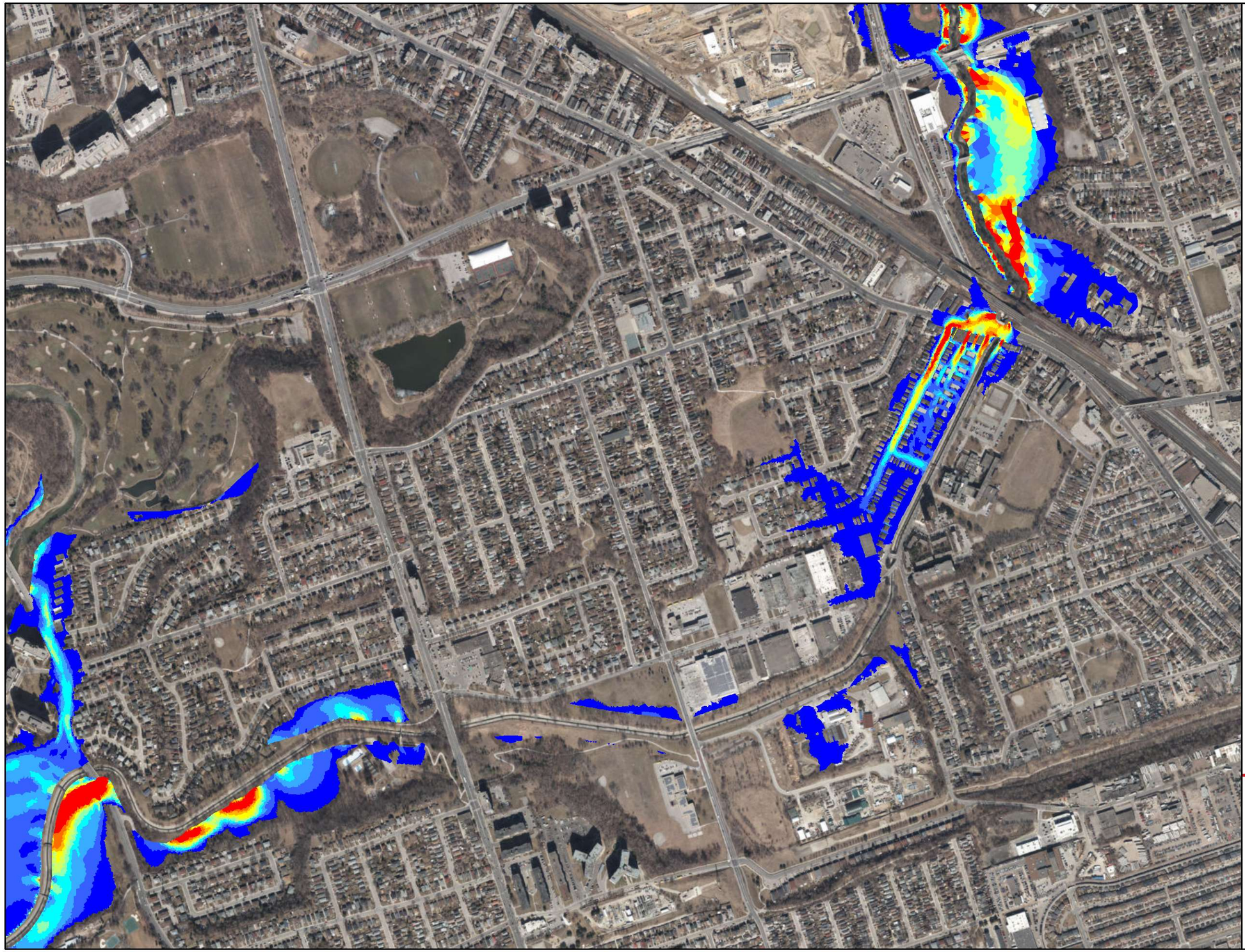
1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-3

Title
REGIONAL UNSTEADY STORM MAXIMUM VELOCITY PREFERRED ALTERNATIVE



DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel * Depth

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-4

Title
REGIONAL UNSTEADY STORM MAXIMUM VELOCITY AND DEPTH PRODUCT PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max WSL [m]

- > 111.5
- 110 - 111.5
- 108.5 - 110
- 107 - 108.5
- 105.5 - 107
- 104 - 105.5
- 102.5 - 104
- 101 - 102.5
- 99.5 - 101
- < 99.5

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-5

Title
DESIGN 350-YEAR STORM MAXIMUM WATER SURFACE LEVEL PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Depth [m]

- > 3.0
- 2.5 - 3.0
- 2.0 - 2.5
- 1.5 - 2.0
- 1.0 - 1.5
- 0.5 - 1.0
- 0.2 - 0.5
- 0.1 - 0.2
- < 0.1

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-6

Title
DESIGN 350-YEAR STORM MAXIMUM FLOOD DEPTH PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel [m/s]

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-7

Title
DESIGN 350-YEAR STORM MAXIMUM VELOCITY PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel * Depth

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-8

Title
DESIGN 350-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max WSL [m]

- > 111.5
- 110 - 111.5
- 108.5 - 110
- 107 - 108.5
- 105.5 - 107
- 104 - 105.5
- 102.5 - 104
- 101 - 102.5
- 99.5 - 101
- < 99.5

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-9

Title
DESIGN 100-YEAR STORM MAXIMUM WATER SURFACE LEVEL PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Depth [m]

- > 3.0
- 2.5 - 3.0
- 2.0 - 2.5
- 1.5 - 2.0
- 1.0 - 1.5
- 0.5 - 1.0
- 0.2 - 0.5
- 0.1 - 0.2
- < 0.1

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-10

Title
DESIGN 100-YEAR STORM MAXIMUM FLOOD DEPTH PREFERRED ALTERNATIVE

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel [m/s]

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-11

Title
DESIGN 100-YEAR STORM MAXIMUM VELOCITY PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel * Depth

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-12

Title
DESIGN 100-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max WSL [m]

- > 111.5
- 110 - 111.5
- 108.5 - 110
- 107 - 108.5
- 105.5 - 107
- 104 - 105.5
- 102.5 - 104
- 101 - 102.5
- 99.5 - 101
- < 99.5

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-13

Title
DESIGN 50-YEAR STORM MAXIMUM WATER SURFACE LEVEL PREFERRED ALTERNATIVE

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Depth [m]

- > 3.0
- 2.5 - 3.0
- 2.0 - 2.5
- 1.5 - 2.0
- 1.0 - 1.5
- 0.5 - 1.0
- 0.2 - 0.5
- 0.1 - 0.2
- < 0.1

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-14

Title
DESIGN 50-YEAR STORM MAXIMUM FLOOD DEPTH PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel [m/s]

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

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Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-15

Title
DESIGN 50-YEAR STORM MAXIMUM VELOCITY PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel * Depth

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-16

Title
DESIGN 50-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max WSL [m]

- > 111.5
- 110 - 111.5
- 108.5 - 110
- 107 - 108.5
- 105.5 - 107
- 104 - 105.5
- 102.5 - 104
- 101 - 102.5
- 99.5 - 101
- < 99.5

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-17

Title
DESIGN 25-YEAR STORM MAXIMUM WATER SURFACE LEVEL PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Depth [m]

- > 3.0
- 2.5 - 3.0
- 2.0 - 2.5
- 1.5 - 2.0
- 1.0 - 1.5
- 0.5 - 1.0
- 0.2 - 0.5
- 0.1 - 0.2
- < 0.1

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-18

Title
DESIGN 25-YEAR STORM MAXIMUM FLOOD DEPTH PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel [m/s]

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-19

Title
DESIGN 25-YEAR STORM MAXIMUM VELOCITY PREFERRED ALTERNATIVE

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel * Depth

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-20

Title
DESIGN 25-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max WSL [m]

- > 111.5
- 110 - 111.5
- 108.5 - 110
- 107 - 108.5
- 105.5 - 107
- 104 - 105.5
- 102.5 - 104
- 101 - 102.5
- 99.5 - 101
- < 99.5

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-21

Title
DESIGN 10-YEAR STORM MAXIMUM WATER SURFACE LEVEL PREFERRED ALTERNATIVE

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Depth [m]

- > 3.0
- 2.5 - 3.0
- 2.0 - 2.5
- 1.5 - 2.0
- 1.0 - 1.5
- 0.5 - 1.0
- 0.2 - 0.5
- 0.1 - 0.2
- < 0.1

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-22

Title
DESIGN 10-YEAR STORM MAXIMUM FLOOD DEPTH PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel [m/s]

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-23

Title
DESIGN 10-YEAR STORM MAXIMUM VELOCITY PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel * Depth

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-24

Title
DESIGN 10-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max WSL [m]

- > 111.5
- 110 - 111.5
- 108.5 - 110
- 107 - 108.5
- 105.5 - 107
- 104 - 105.5
- 102.5 - 104
- 101 - 102.5
- 99.5 - 101
- < 99.5

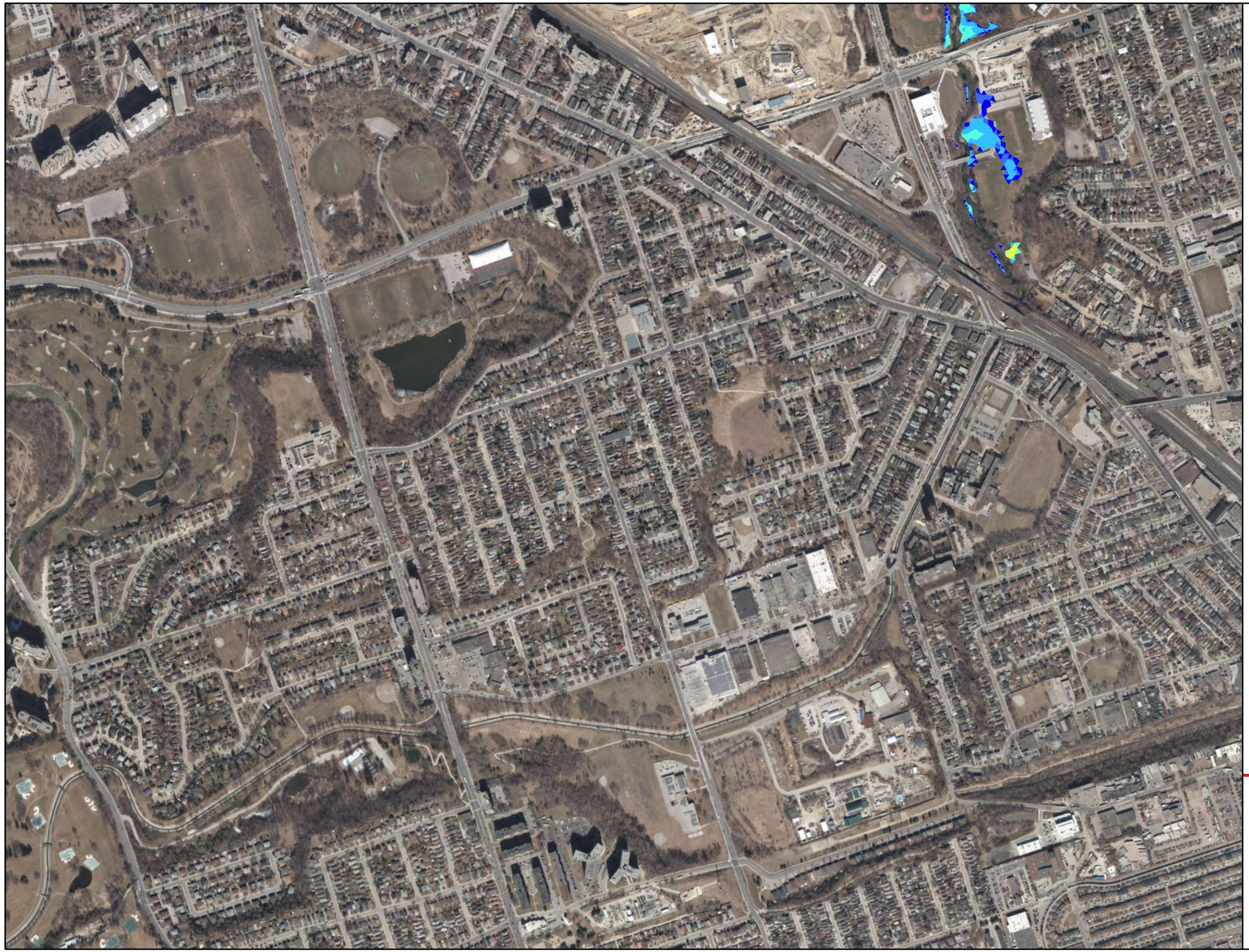
1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-25

Title
DESIGN 5-YEAR STORM MAXIMUM WATER SURFACE LEVEL PREFERRED ALTERNATIVE



DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Depth [m]

- > 3.0
- 2.5 - 3.0
- 2.0 - 2.5
- 1.5 - 2.0
- 1.0 - 1.5
- 0.5 - 1.0
- 0.2 - 0.5
- 0.1 - 0.2
- < 0.1

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-26

Title
DESIGN 5-YEAR STORM MAXIMUM FLOOD DEPTH PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel [m/s]

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-27

Title
DESIGN 5-YEAR STORM MAXIMUM VELOCITY PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel * Depth

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-28

Title
DESIGN 5-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max WSL [m]

- > 111.5
- 110 - 111.5
- 108.5 - 110
- 107 - 108.5
- 105.5 - 107
- 104 - 105.5
- 102.5 - 104
- 101 - 102.5
- 99.5 - 101
- < 99.5

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-29

Title
DESIGN 2-YEAR STORM MAXIMUM WATER SURFACE LEVEL PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Depth [m]

- > 3.0
- 2.5 - 3.0
- 2.0 - 2.5
- 1.5 - 2.0
- 1.0 - 1.5
- 0.5 - 1.0
- 0.2 - 0.5
- 0.1 - 0.2
- < 0.1

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-30

Title
DESIGN 2-YEAR STORM MAXIMUM FLOOD DEPTH PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel [m/s]

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1:8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-31

Title
DESIGN 2-YEAR STORM MAXIMUM VELOCITY PREFERRED ALTERNATIVE

DHI

wood.

Toronto and Region Conservation for The Living City

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Max Vel * Depth

- > 1.8
- 1.6 - 1.8
- 1.4 - 1.6
- 1.2 - 1.4
- 1.0 - 1.2
- 0.8 - 1.0
- 0.6 - 0.8
- 0.4 - 0.6
- 0.2 - 0.4
- < 0.2

1;8500 (At Original document size of 17x11)

Prepared by Yi Wang on 2020-04-15

Client/Project
BLACK CREEK AT ROCKCLIFFE SPECIAL POLICY AREA FLOOD REMEDIATION AND TRANSPORTATION FEASIBILITY STUDY

Figure No.
G-32

Title
DESIGN 2-YEAR STORM MAXIMUM VELOCITY AND DEPTH PRODUCT PREFERRED ALTERNATIVE