Appendix B

Variability in the 100-year 24-hour Inundation Areas

RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT

Creek
Lake
Figure Extent
Creek Watershed Boundary
Municipal Boundary

Orono
Deephaven
Minnetonka
Saint Louis Park
Hopkins
Shorewood
Excelsior
Edina
Chanhassen
Eden Prairie
Bloomington
Chaska
Shakopee

P31 P29 P28 P30 P27 P26 P25 P42 P41 P24 P33 P32 P23 P43 P40 P34 P22 P35 P21 P20 P38 P37 P36 P44 P39 P19 P18 P17 P45 P15 P14 P16 P13 P46 P12 P47 P11 P10 P9 P8 P7 P6 P5 P4 P3 P2 P1

R18 R17 R16 R15 R14 R13 R12 R11 R10 R9 R8 R7 R6 R5 R4 R3 R2 R1

B14 B13 B19 B18 B12 B11 B17 B16 B10 B9 B8 B7 B6 B5 B15 B4 B3 B2 B1

Lake Lucy
Lake Ann
Lotus Lake
Purgatory Creek Watershed
Riley Creek Watershed
Bluff Creek Watershed
Lake Susan
Rice Marsh Lake
Mitchell Lake
Rec Area
Red Rock Lake
Staring Lake
Lake Riley
Silver Lake

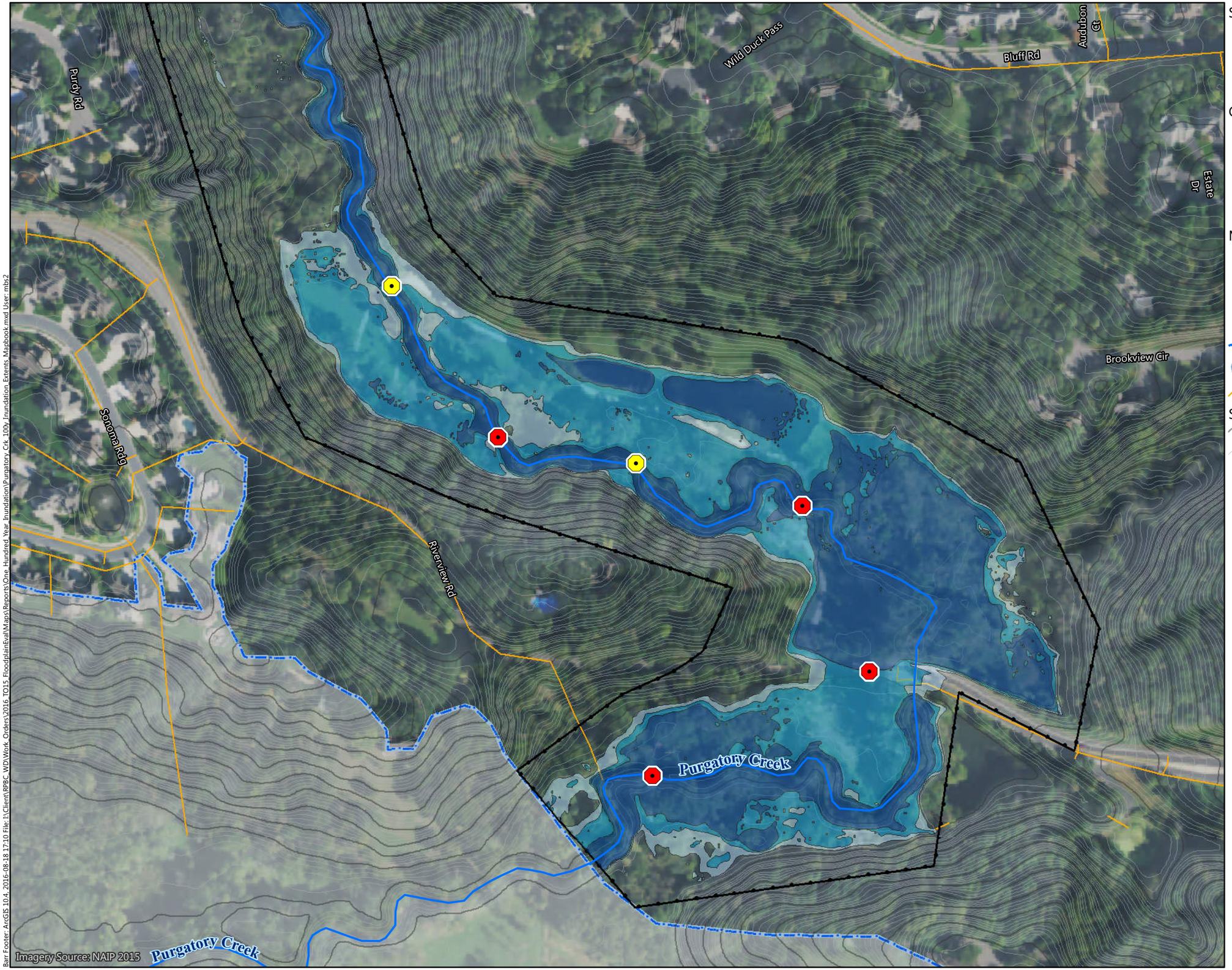
MINNESOTA 5
MINNESOTA 7
MINNESOTA 41
MINNESOTA 62
MINNESOTA 101
MINNESOTA 212
MINNESOTA 494
MINNESOTA 169
MINNESOTA 901B
MINNESOTA 912C

Imagery Source: NAIP 2015

5,000 0 5,000 Feet

INDEX MAP
Riley Purgatory Bluff Creek Watershed District

Barr Footer: ArcGIS 10.4, 2016-08-23 12:18 File: I:\Client\RPBC_WD\Work_Orders\2016_TO15_FloodplainEval\Maps\Reports\Inundation_and_Risk_Manbook_Index.mxd User: mbs2



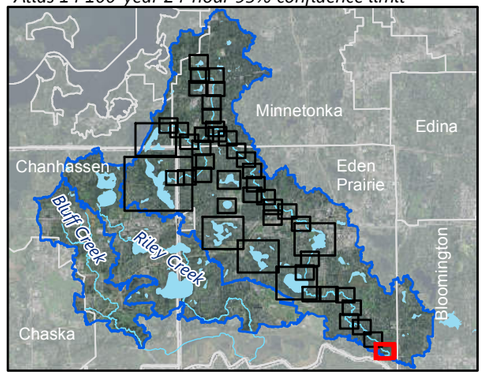
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



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Feet

Figure B-P1

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Structure Potentially Inundated During a:
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[3]*Atlas 14 100-year 24-hour 95% confidence limit*

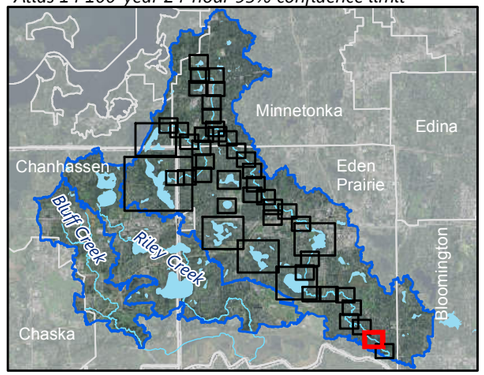

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Figure B-P2

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Purgatory Rd
Bennet Pl
Jackson Dr
Purgatory Creek
Bluestem La
Meade La
Grant Dr
Phaeton Dr
Burr Ridge La
Antlers Rdg
Homeward Hills Rd
Newport Dr
Brown Farm Cir
Imagery Source: NAIP 2015

Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
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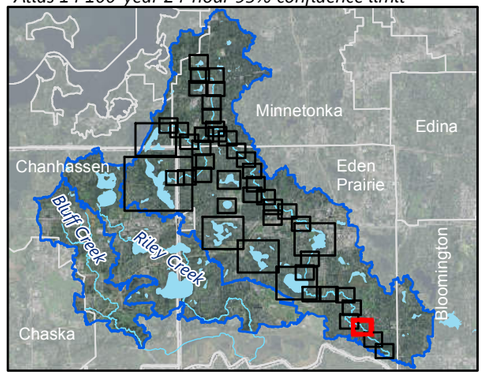
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



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Feet

Figure B-P3

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

Structure Potentially Inundated During a:
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[3]*Atlas 14 100-year 24-hour 95% confidence limit*

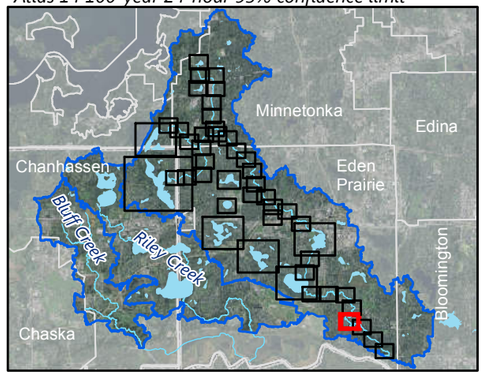

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Figure B-P4

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

Structure Potentially Inundated During a:
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[3]*Atlas 14 100-year 24-hour 95% confidence limit*

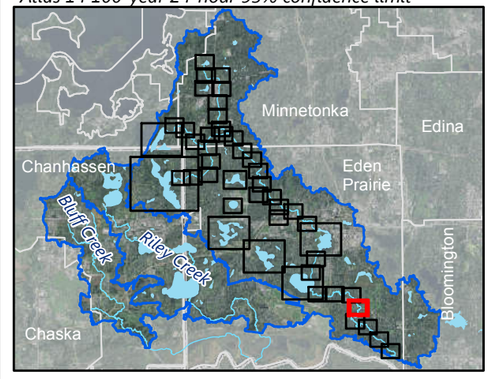

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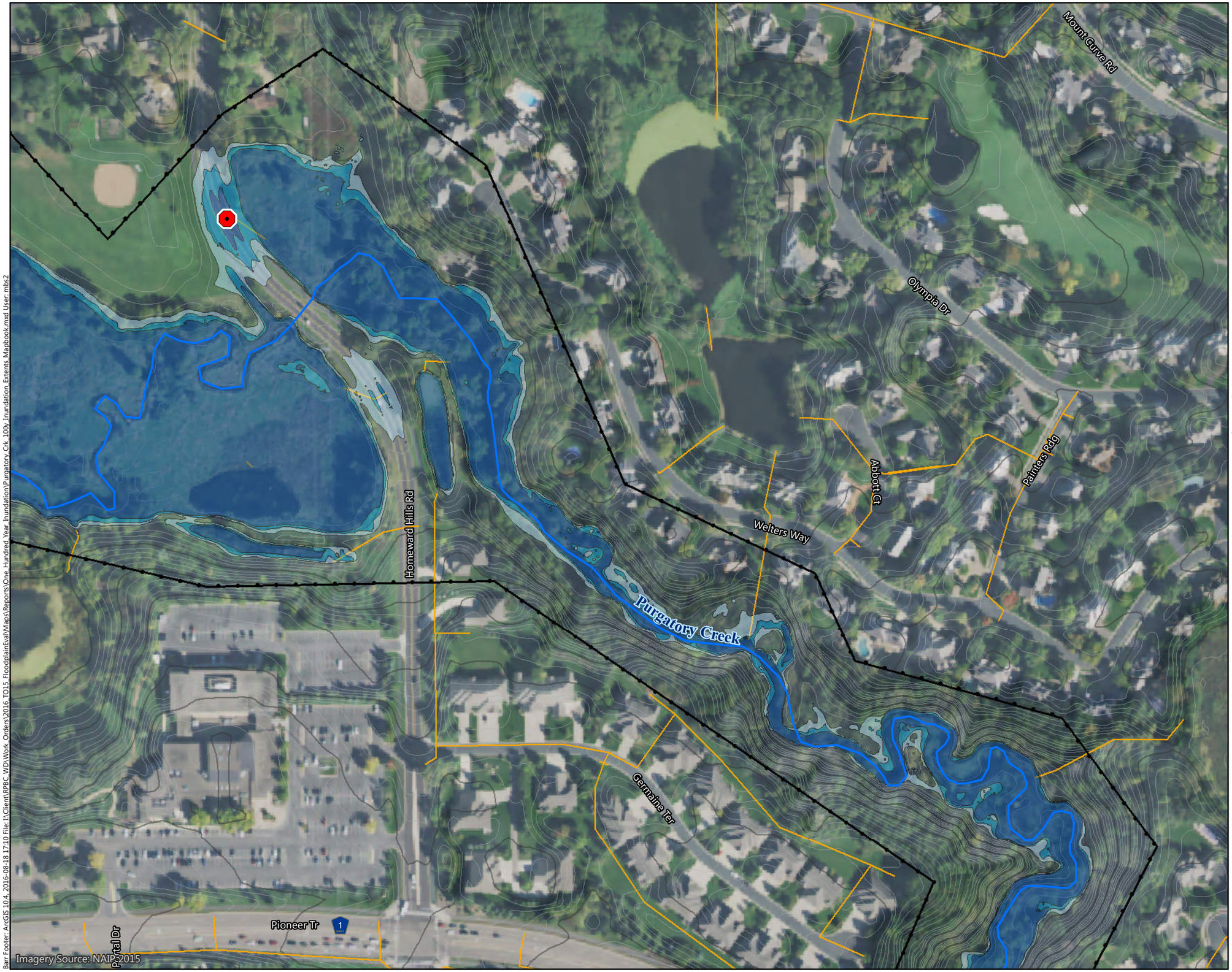
Figure B-P5

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District



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Structure Potentially Inundated During a:
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[3]*Atlas 14 100-year 24-hour 95% confidence limit*

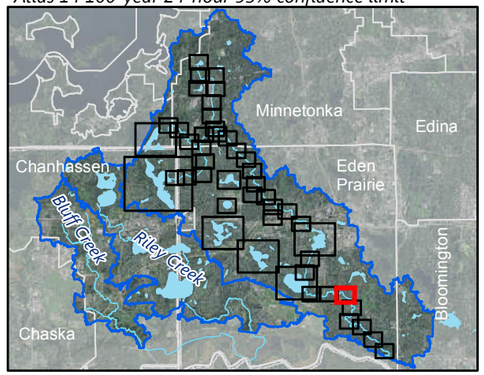

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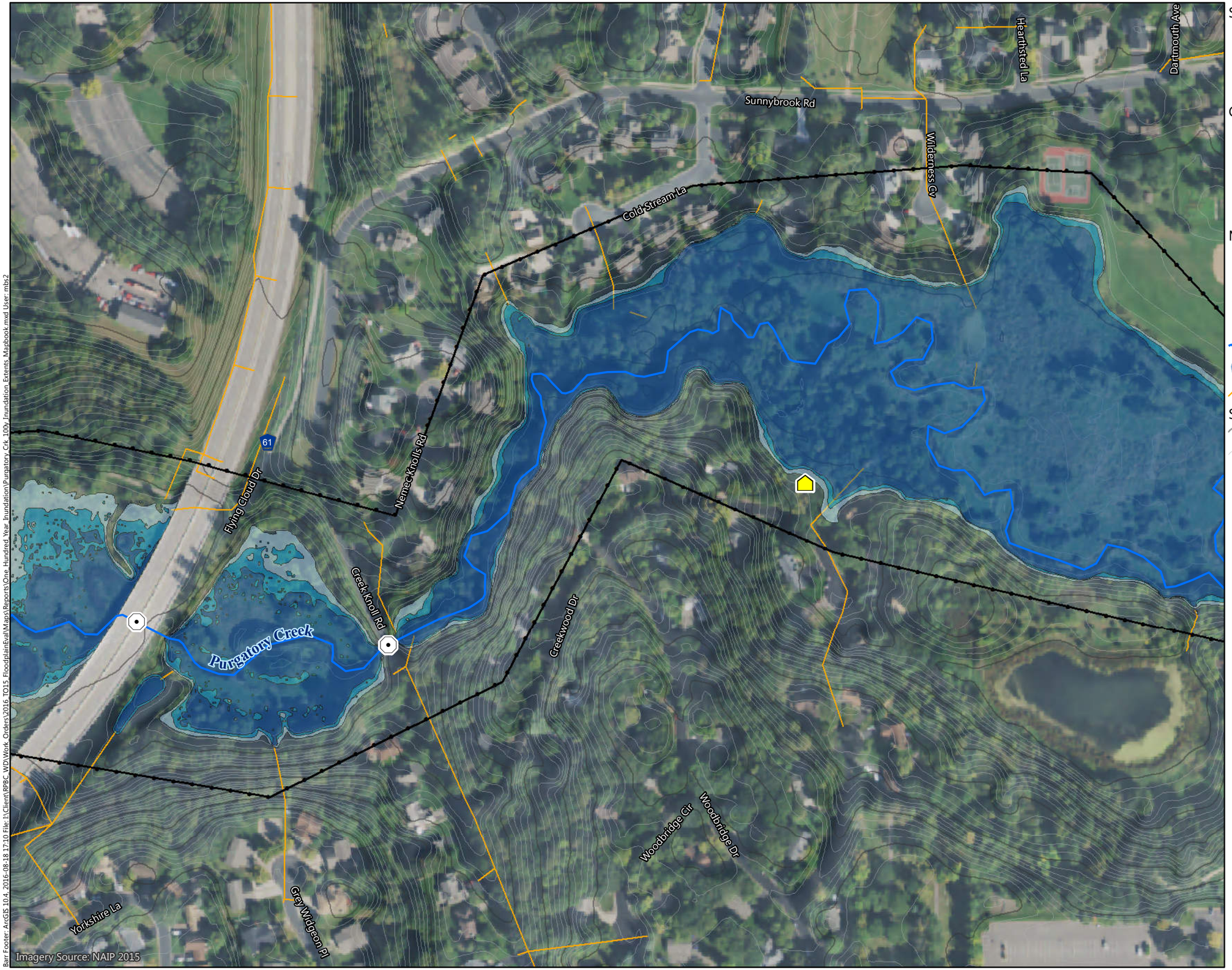
Figure B-P6

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District



Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
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Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
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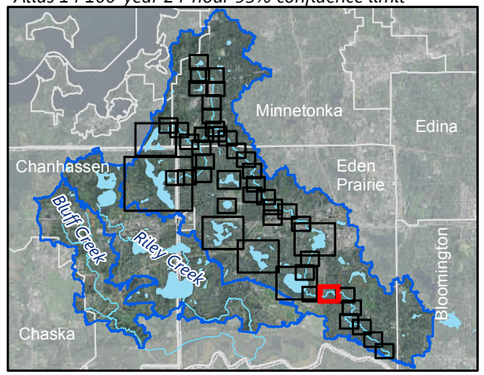
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



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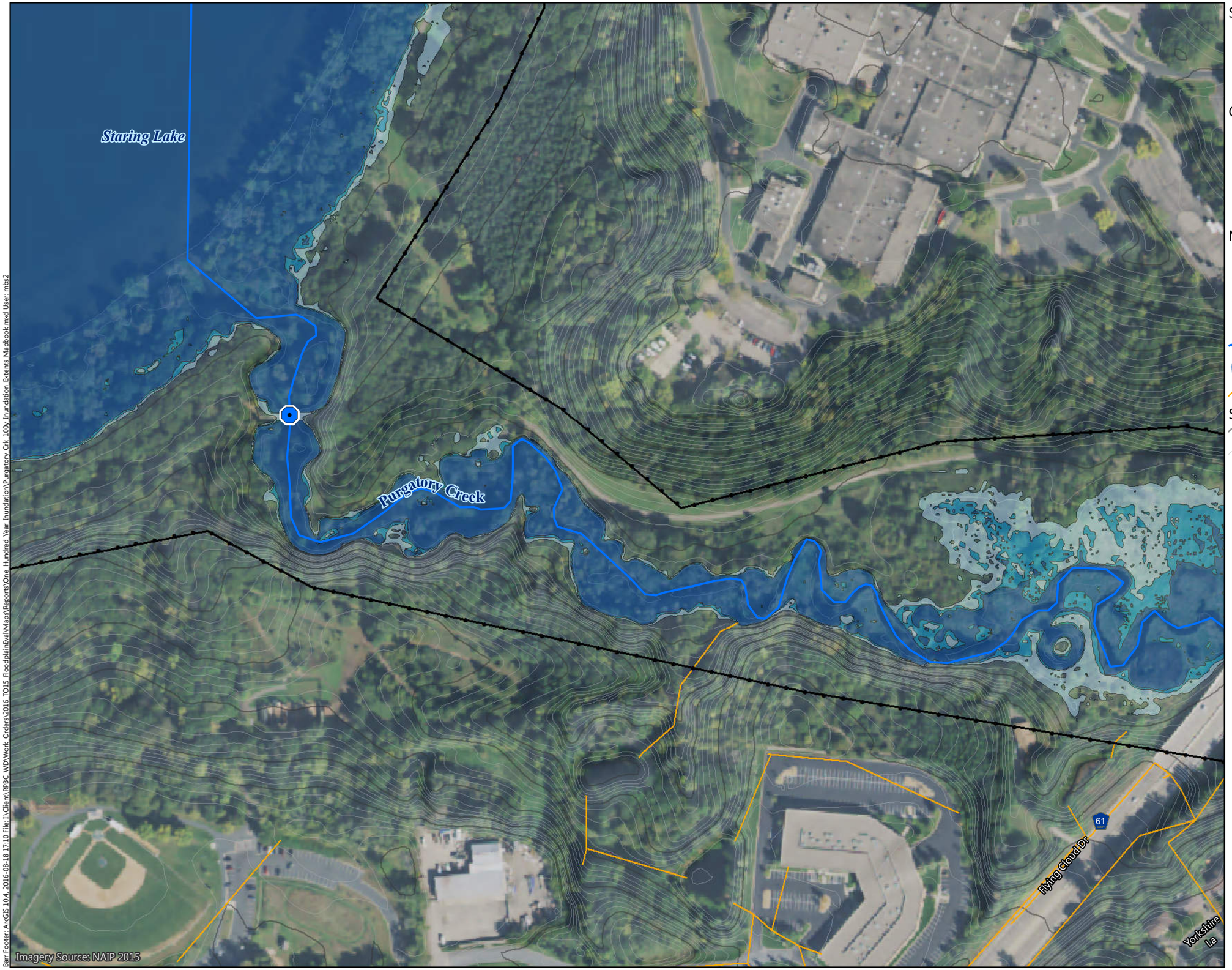
Feet

Figure B-P7

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District



Structure Potentially Inundated During a:
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- 10.0-inch rainfall event[3]

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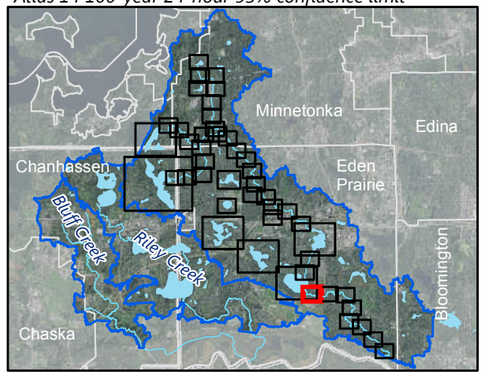

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Figure B-P8

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

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Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
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- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
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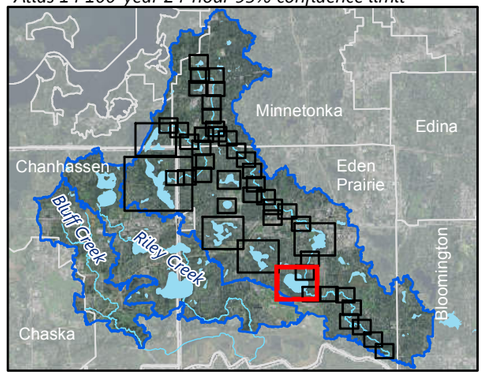
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



450 0 450 Feet

Figure B-P9

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

Structure Potentially Inundated During a:
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Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
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- 5.5-inch rainfall event[1]
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[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*

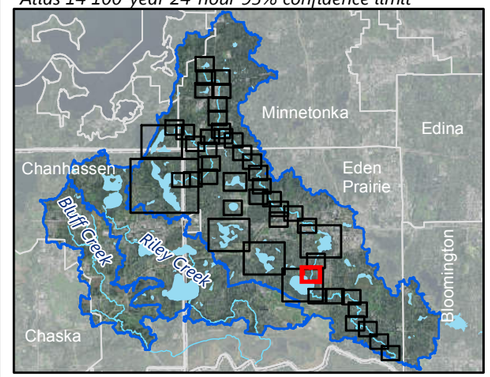

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Figure B-P10

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Imagery Source: NAIP 2015

Structure Potentially Inundated During a:
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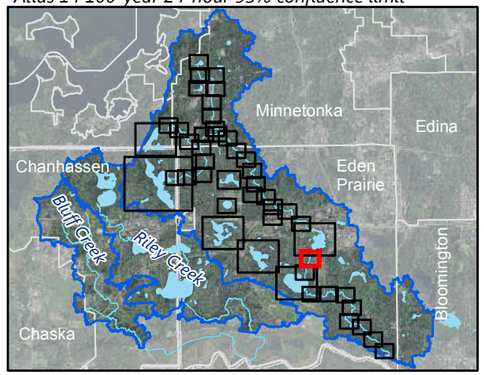
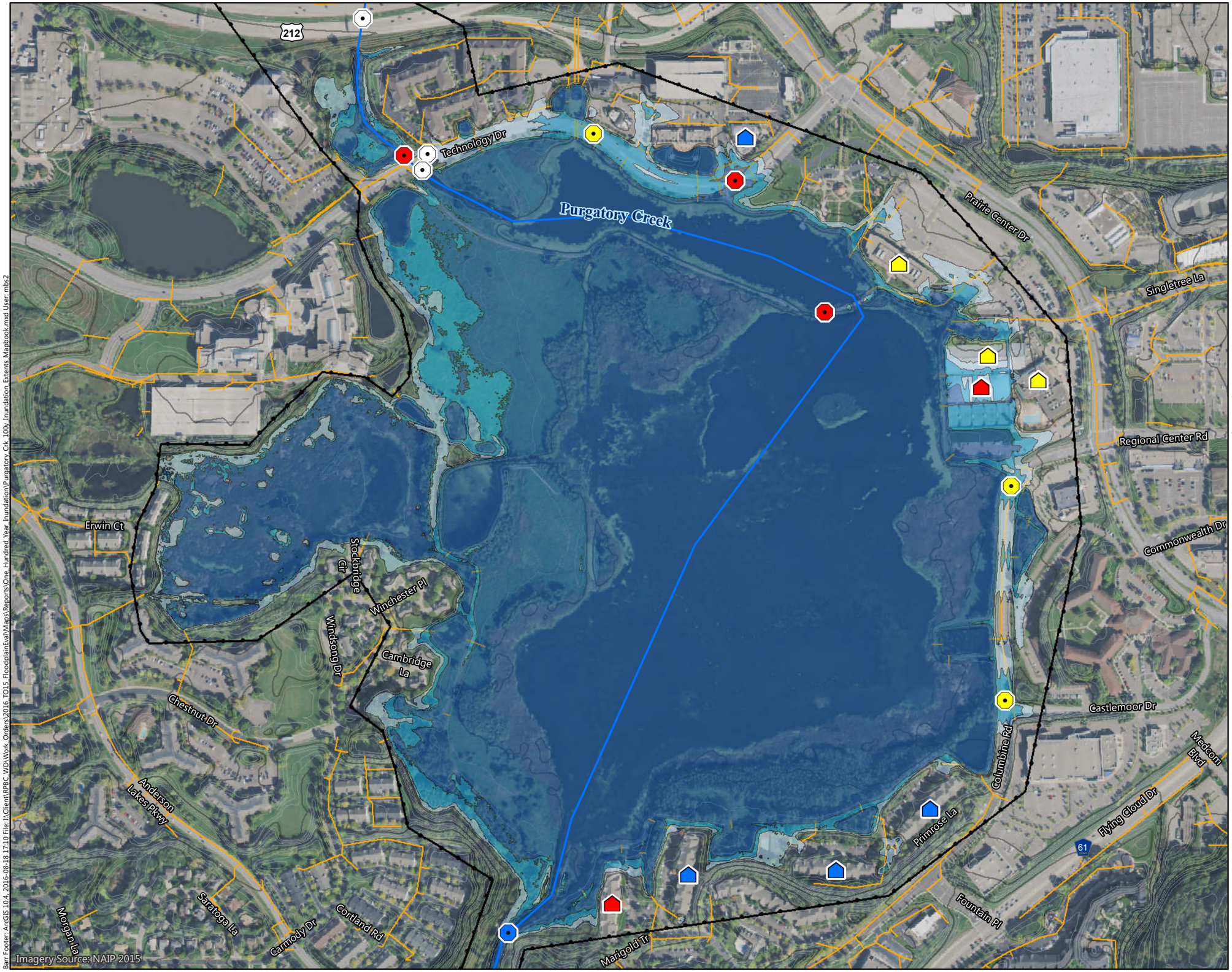
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P11

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District



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[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*

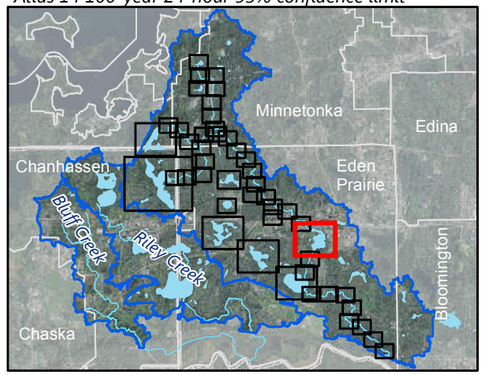

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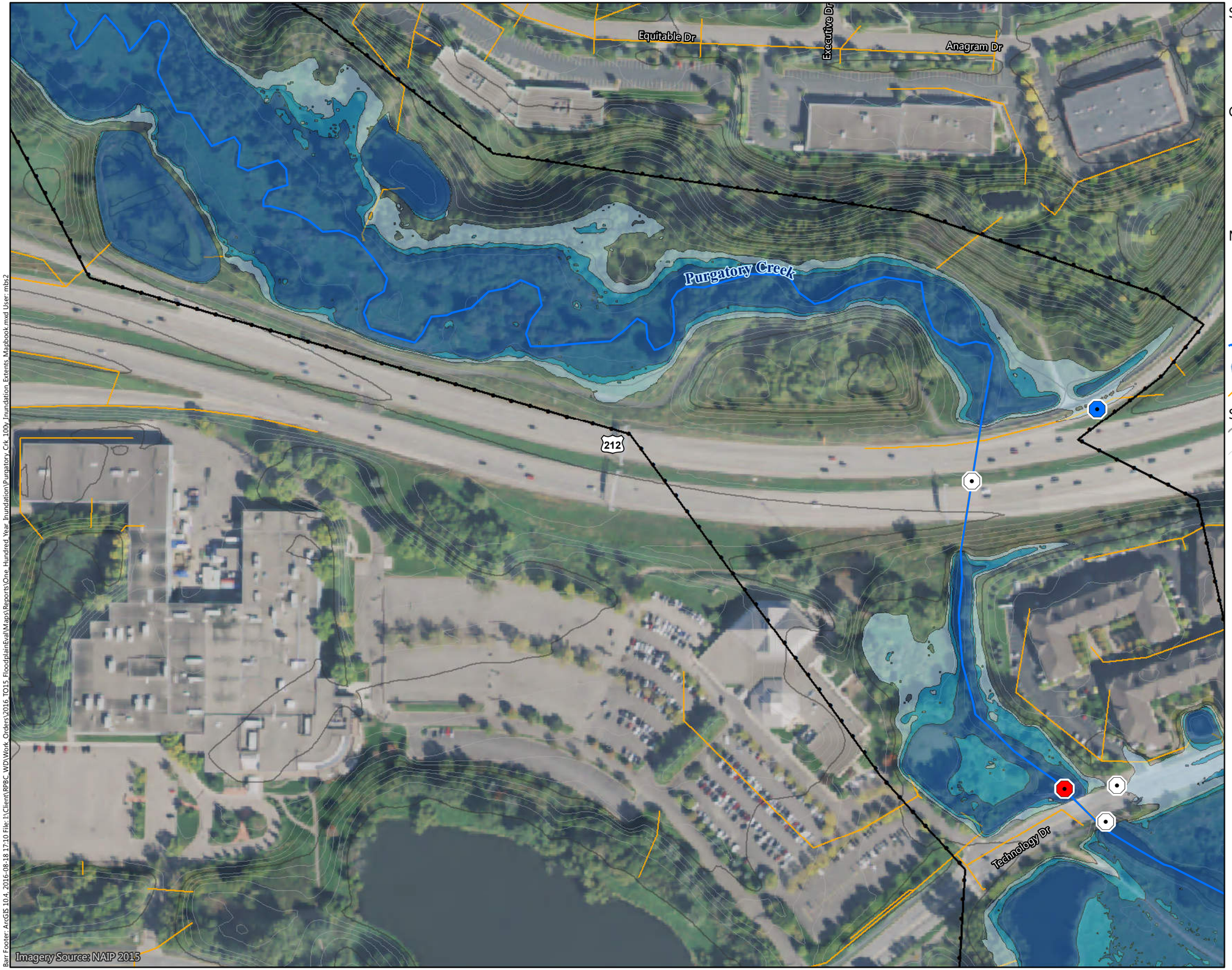
Figure B-P12

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District



Structure Potentially Inundated During a:
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- 10.0-inch rainfall event[3]

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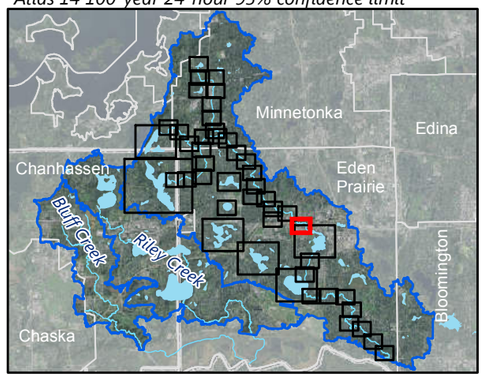
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P13

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
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- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
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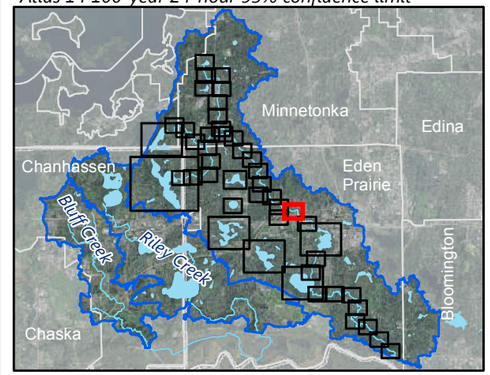
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P14

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
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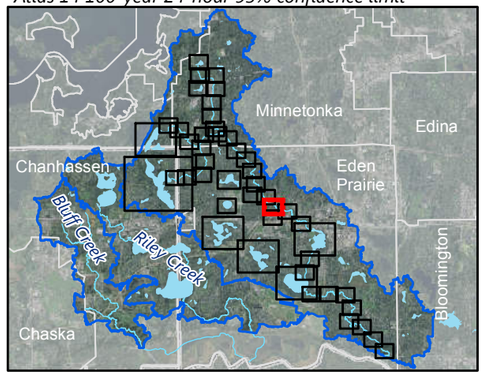
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P15

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

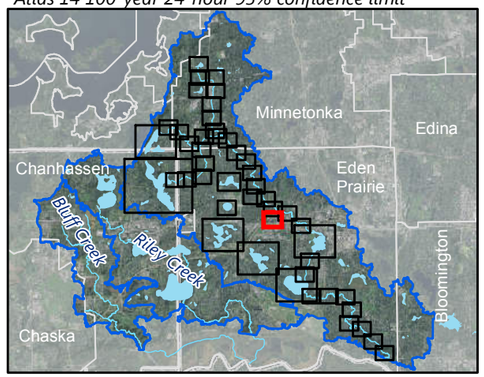
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P16

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

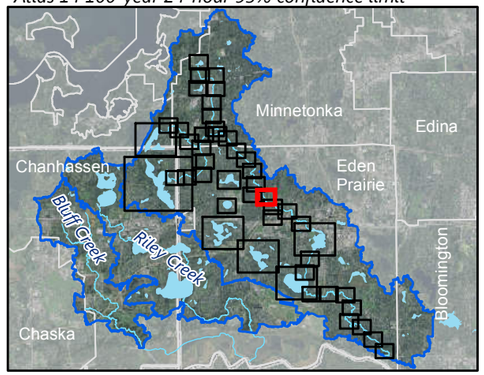
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

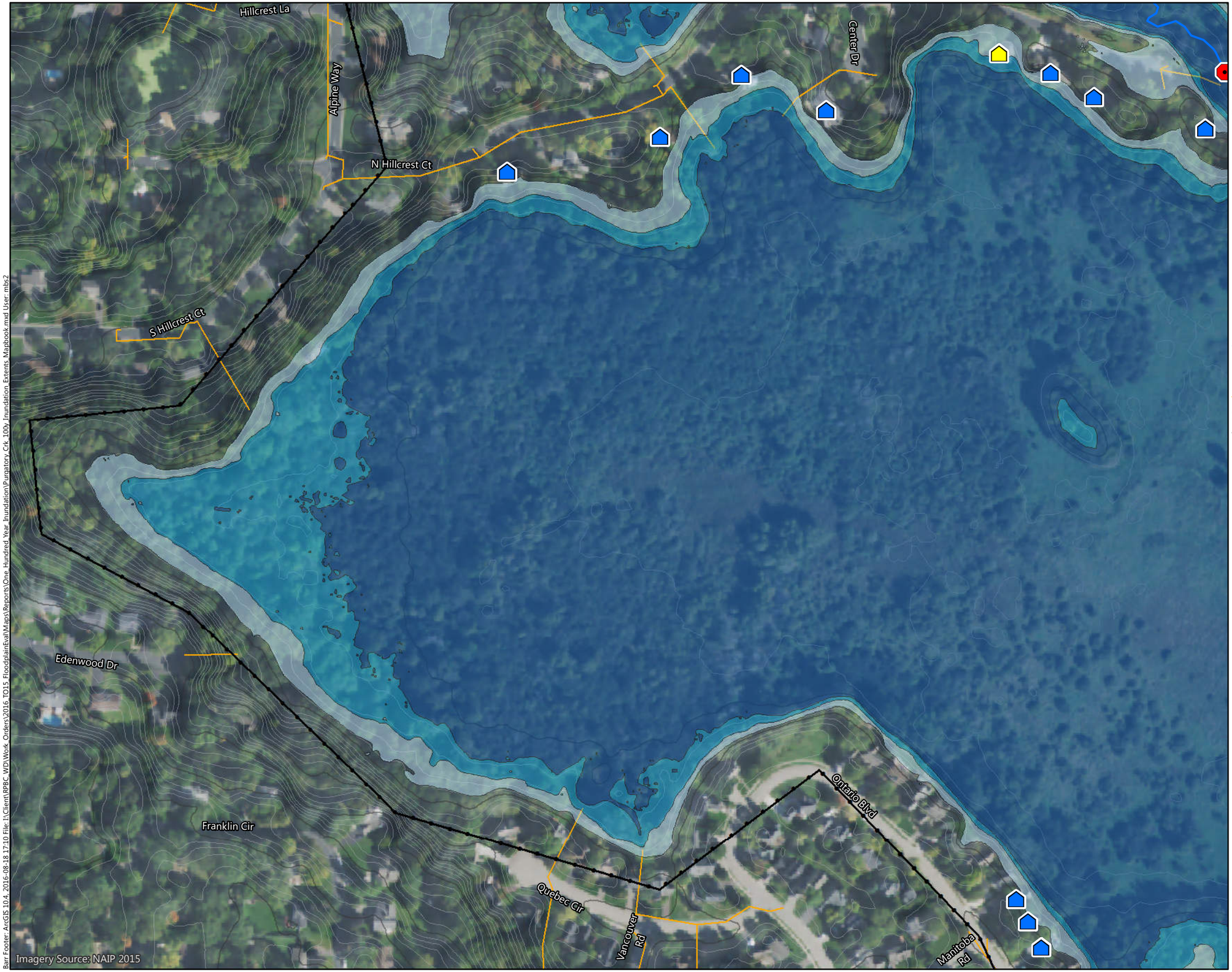
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P17

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District



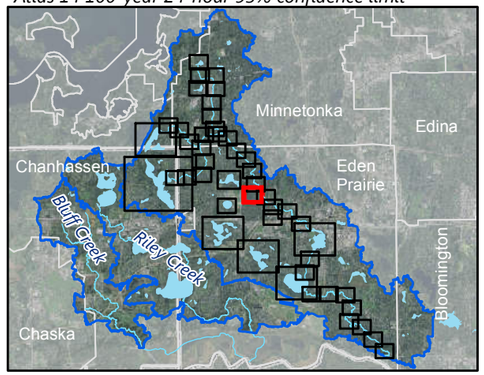
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

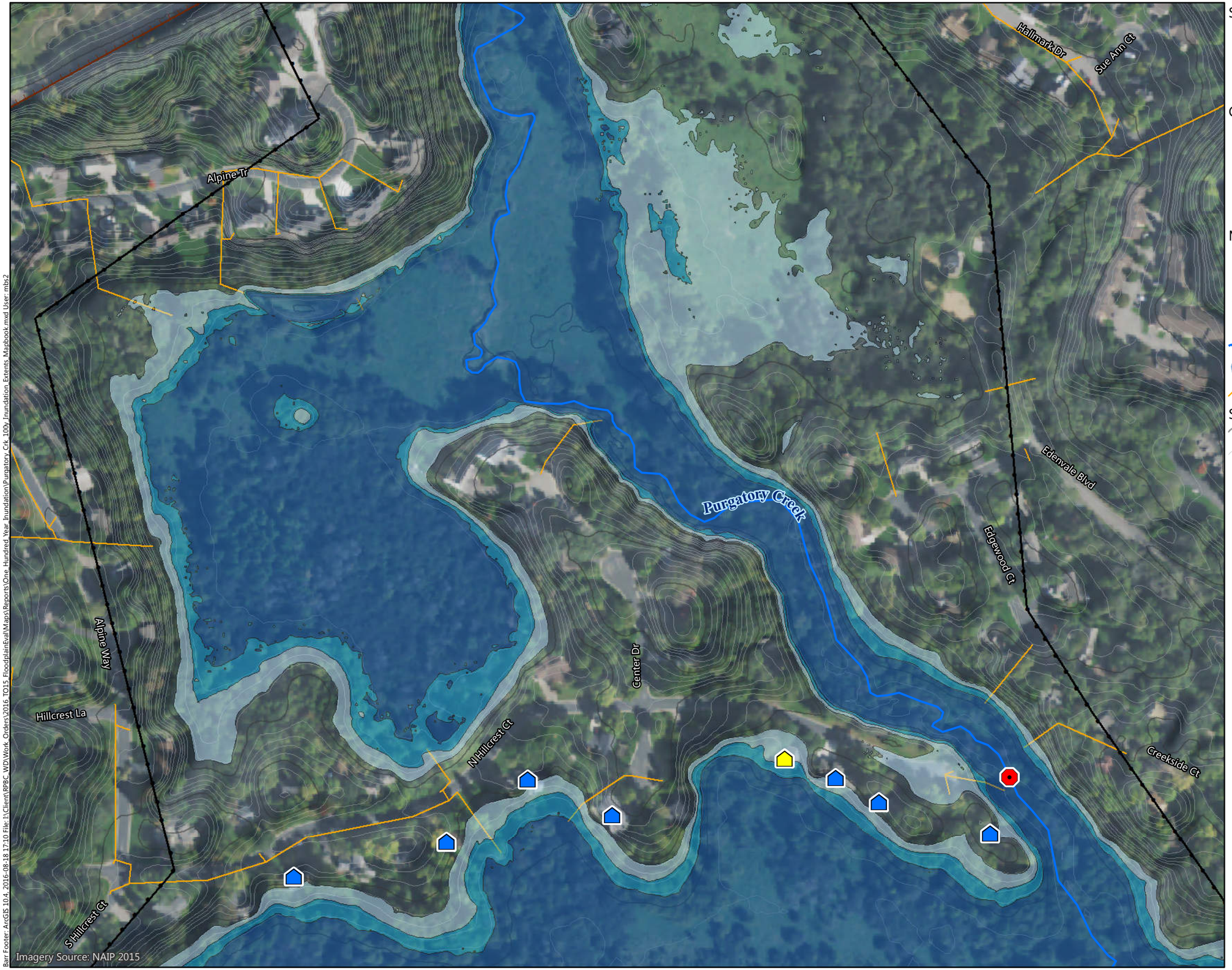
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P18

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District



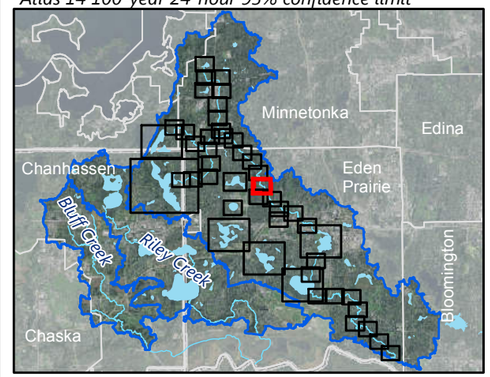
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P19

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

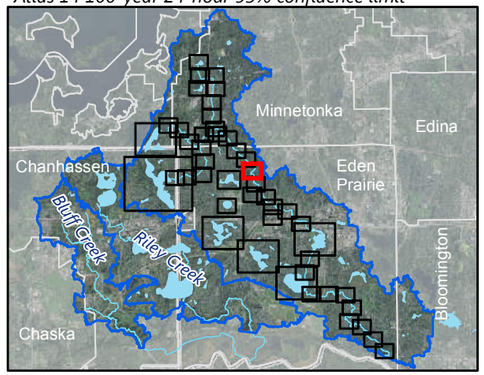
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P20

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

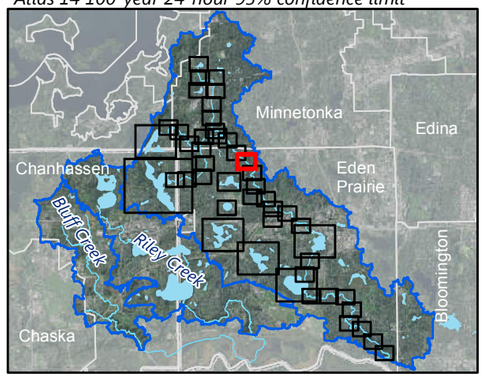
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P21

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Ginger Dr
Oak Ridge Rd
Creek View La
N Lund Rd
Ashby La
Mere Dr
Graben Ct
Mistral La
S Lund Rd
Purgatory Creek
Eden Prairie Rd
Taiga Cir
S Manor Rd
Rainbow Dr
Imagery Source: NAIP 2015

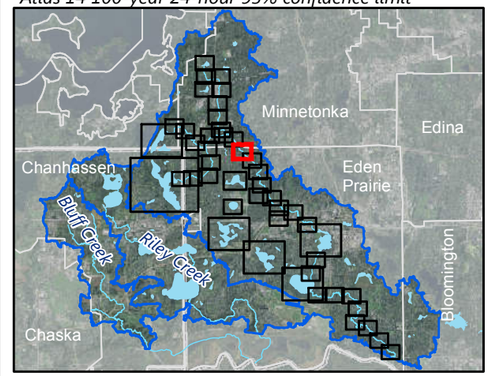
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-P22

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Imagery Source: NAIP 2015

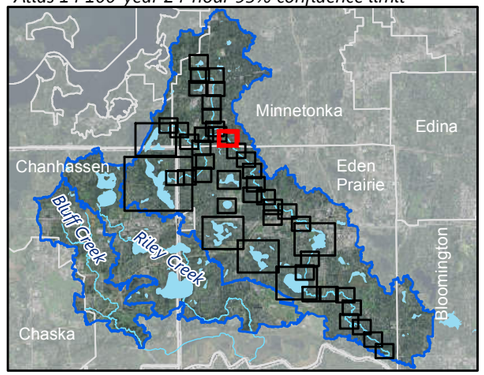
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P23

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

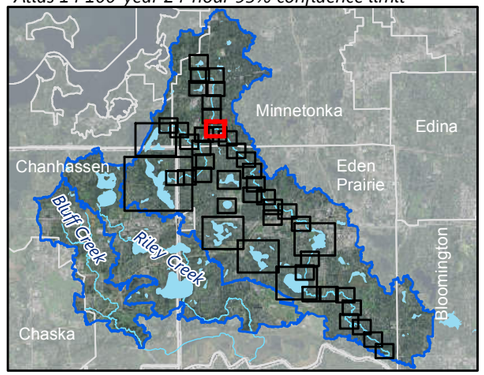
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-P24

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

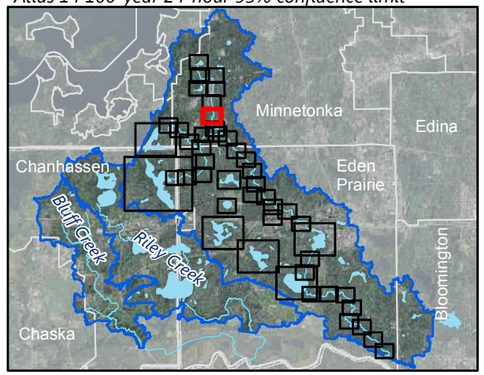
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-P25

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

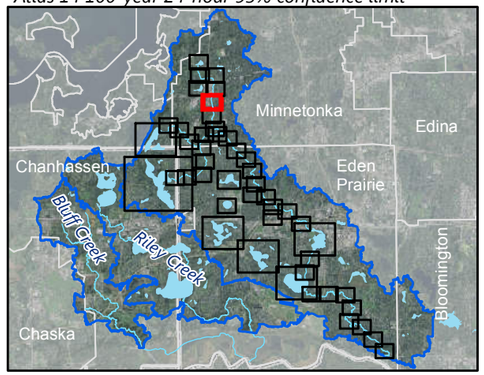
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-P26

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

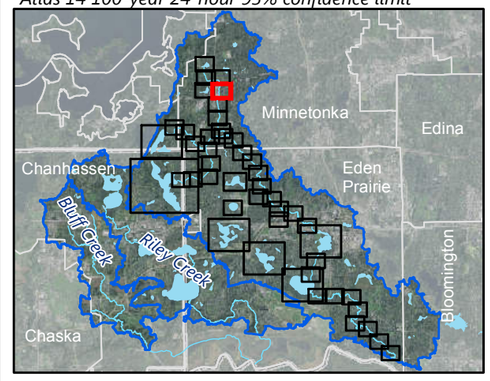
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*

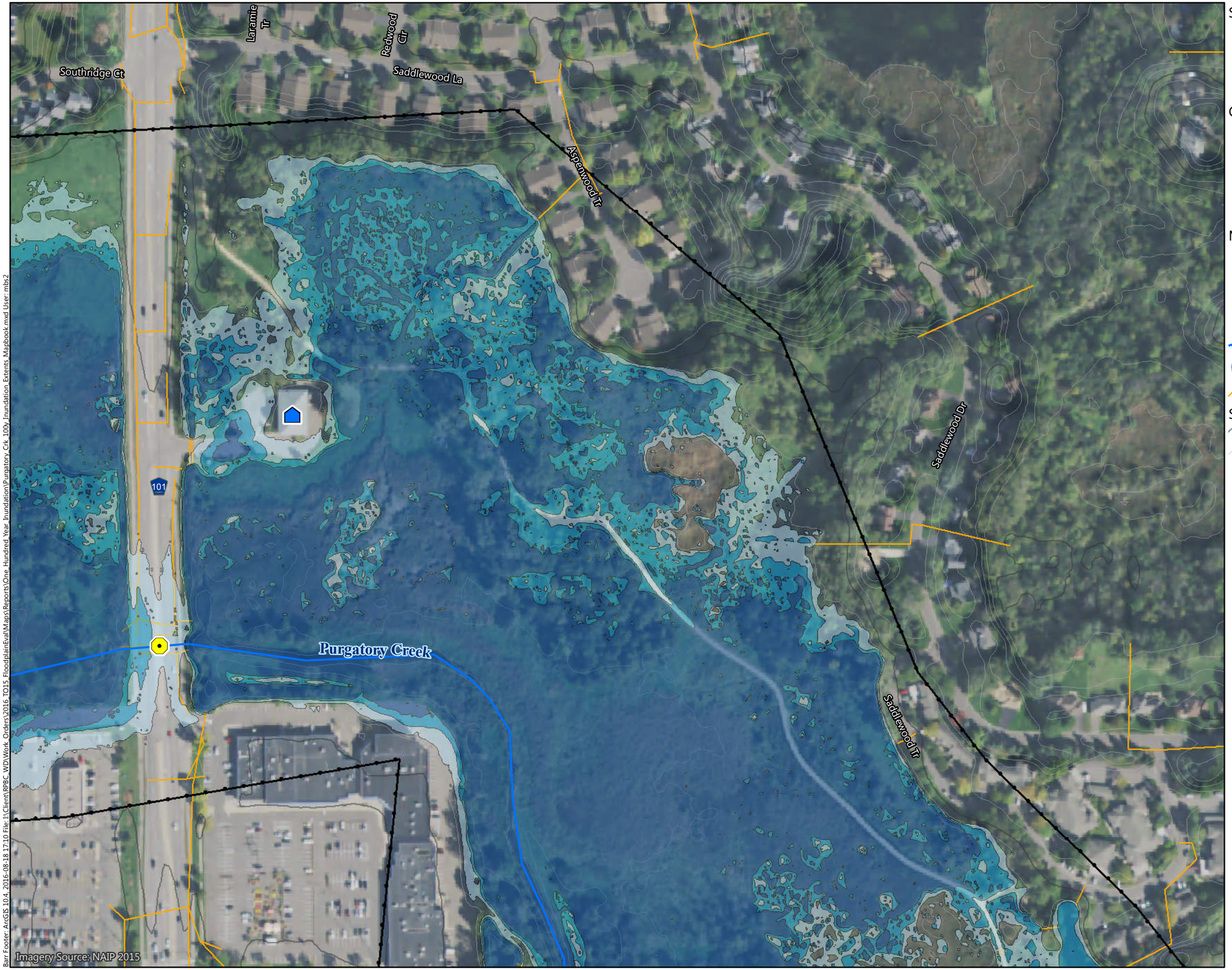


200 0 200 Feet

Figure B-P27

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Barr Footer: ArcGIS 10.4, 2016-08-18 17:10 File: I:\Client\RPBC_WD\Work_Orders\2016_TO15_FloodplainEval\Maps\Reports\One_Hundred_Year_Inundation\Purgatory_Crk_100y_Inundation_Extents_Mapbook.mxd User: mbs2



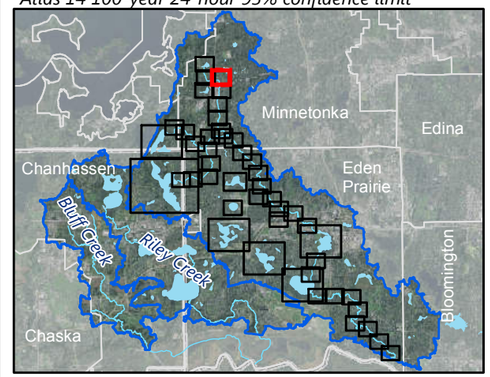
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P28

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

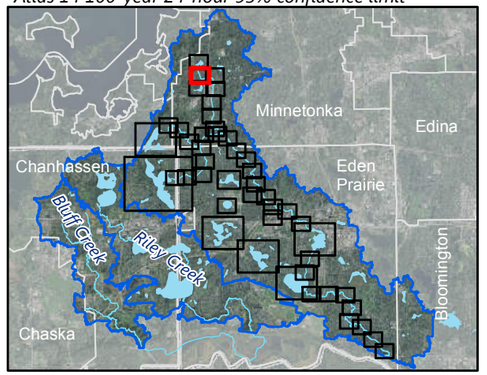
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

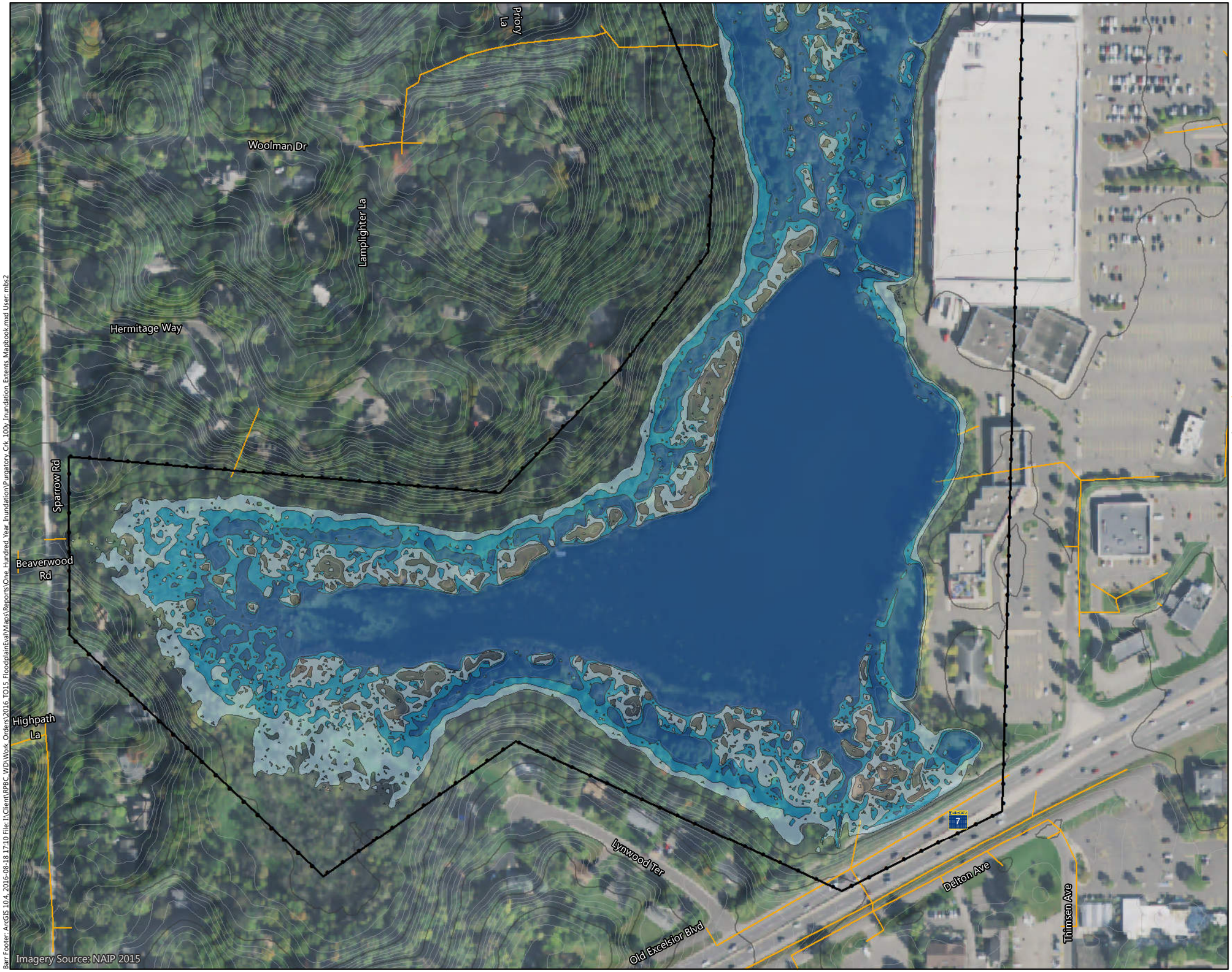
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-P29

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District



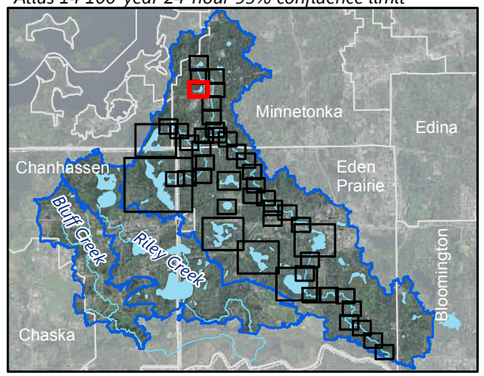
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



N

200 0 200 Feet

Figure B-P30

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

Powderhorn Dr
Powderhorn Cir
Lake St
Arrowhead Tr
Arrowhead Ct
Lindsey La
Kylie Ct
Sparrow Rd
Ridgewood Rd
Purgatory Creek
Dunbar Ridge Rd
Imagery Source: NAIP 2015

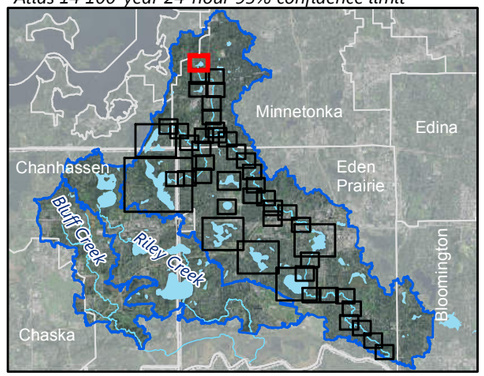
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-P31

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

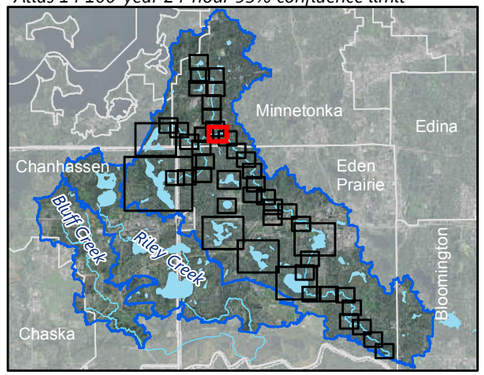
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P32

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

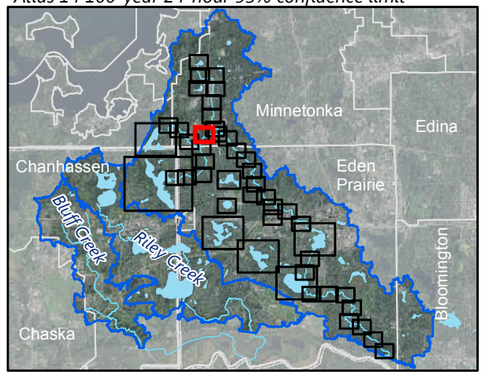
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

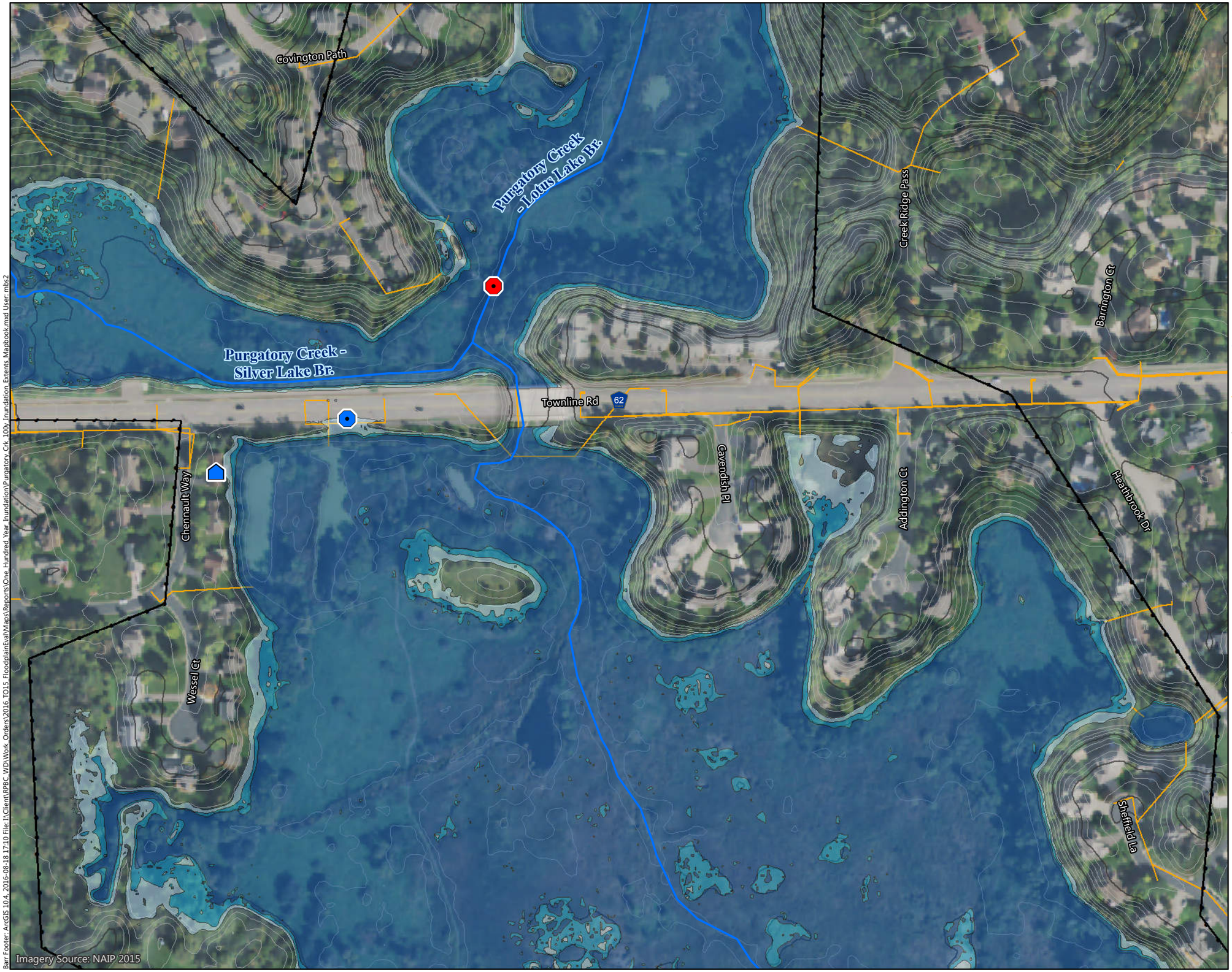
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P33

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District



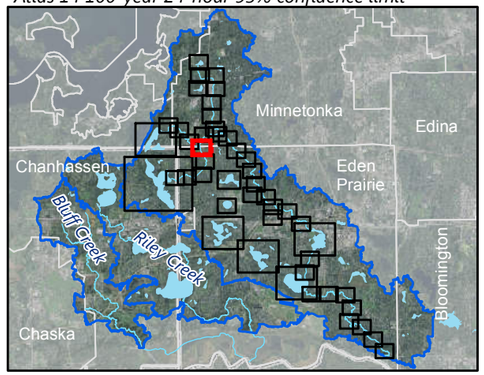
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P34

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

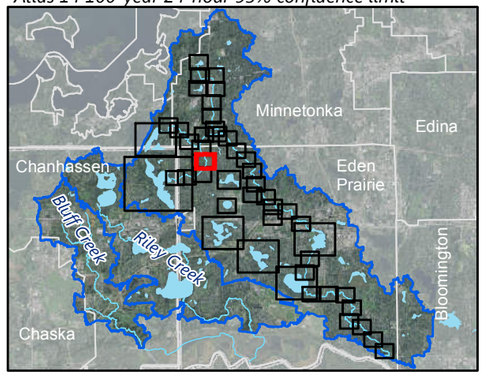
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-P35

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

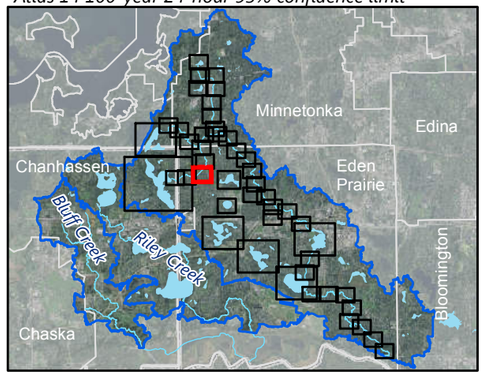
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-P36

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Imagery Source: NAIP 2015

Barr Footer: ArcGIS 10.4 2016-08-18 17:10 File: I:\Client\RPBC_WD\Work_Orders\2016_TO15_FloodplainEval\Mxds\Reports\One_Hundred_Year_Inundation\Purgatory_Crk_100y_Inundation_Extents_Mapbook.mxd User: mbs2

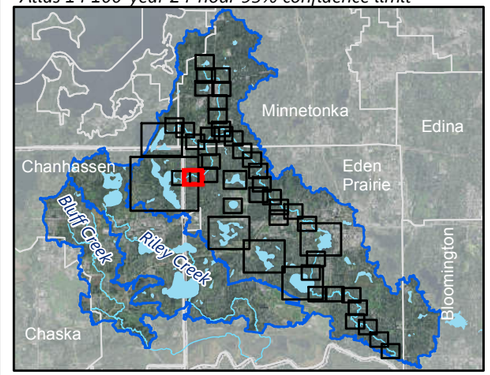
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P37

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

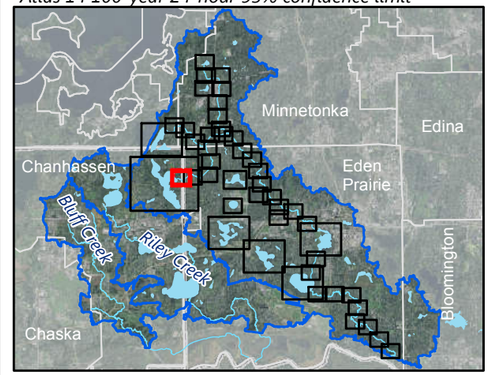
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P38

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

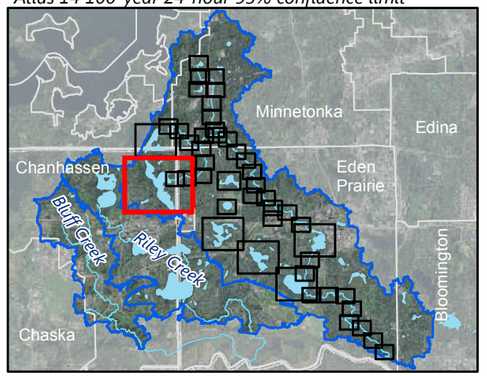
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour

[1]Atlas 14 100-year 24-hour 5% confidence limit
[2]Atlas 14 100-year 24-hour 50% confidence limit
[3]Atlas 14 100-year 24-hour 95% confidence limit



N

750 0 750
Feet

Figure B-P39

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

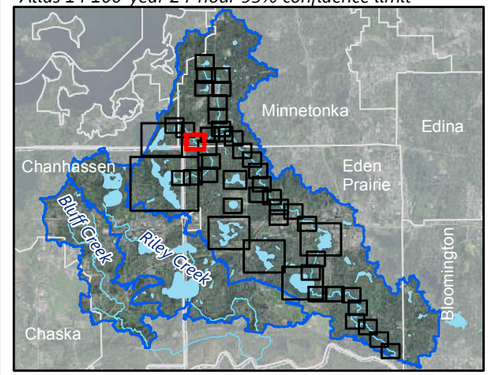
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P40

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Imagery Source: NAIP 2015

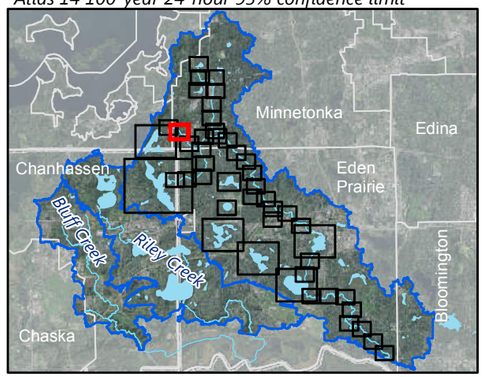
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P41

100-YEAR INUDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

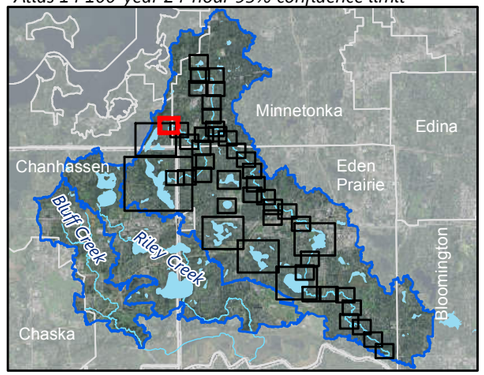
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-P42

100-YEAR INUFDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Chartwell Hill
Vine Ridge Rd
Hanus Rd
Hanus Cir
Vine Hill Rd
Purgatory Creek - Silver Lake Br.
Covington Rd
Covington Ct
Sweetwater Cv
Silver Lake
Radford St
Salisbury Ave
Bellham Ave
Imagery Source: NAIP 2015

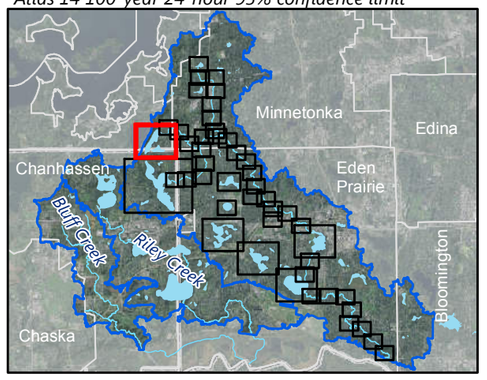
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



450 0 450 Feet

Figure B-P43

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

Imagery Source: NAIP 2015

Barr Footer: ArcGIS 10.4 2016-08-18 17:10 File: J:\Client\RPBC_WD\Work_Orders\2016_TO15_FloodplainEval\Maps\Reports\One_Hundred_Year_Inundation\Purgatory_Crk_100y_Inundation_Extents_Mapbook.mxd User: mbs2

Countryside Dr
Barberry Cir
Honeysuckle La
W 168th Ave
168th Ave W
Sunburst Dr
S Manor Rd
Duck Lake Tr E
Lillian La
Baywood La
Baywood Ter
Bay Dr
Duck Lake
Padons Dr
Duck Lake Rd
Peterborg Rd
S Shore La
Prairie La
N Hillcrest Ct
Hillcrest La
Hillcrest Ct
Eden Prairie Rd
4

Imagery Source: NAIP 2015

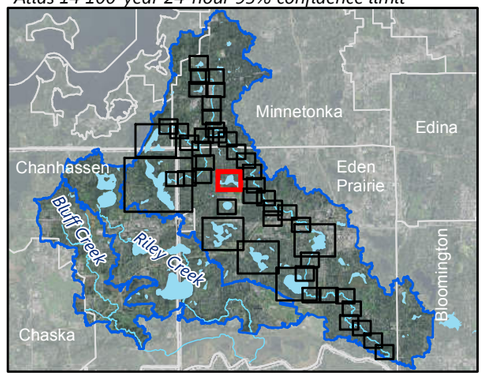
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*

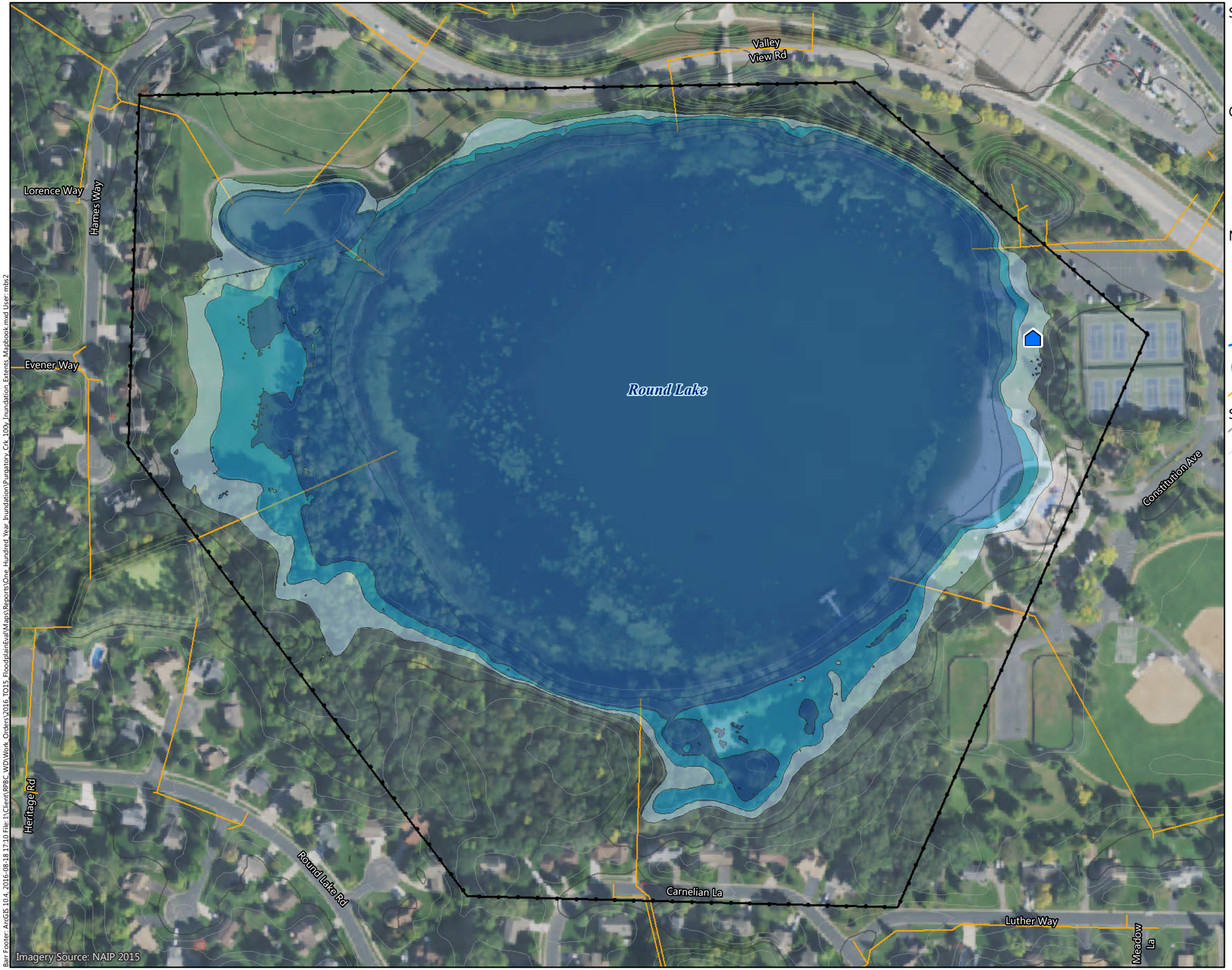


N

250 0 250
Feet

Figure B-P44

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District



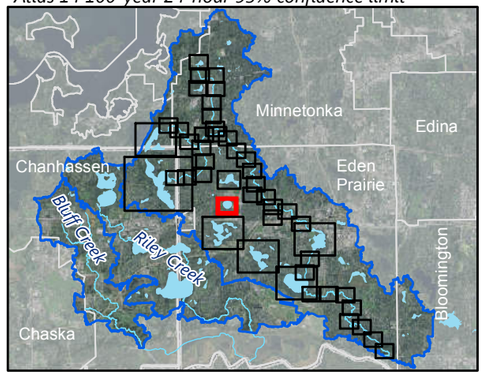
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-P45

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

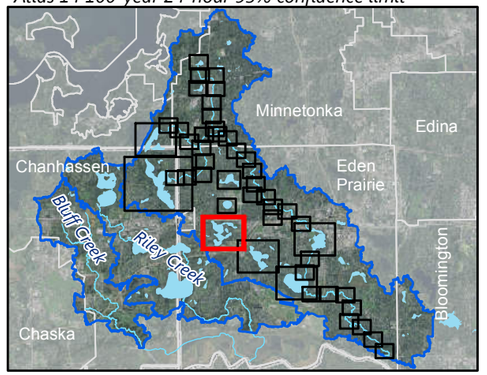
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



450 0 450 Feet

Figure B-P46

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Mitchell Lake
Heritage Rd
Cameron La
Main St
Terry Pine Dr
Terry Pine Ct
Wagner Way
Island Rd
S Bay Cv
Dover Cv
Donegal Cv
Galway Cv
Shamrock Tr
Moran Dr
George
Ascot Ct
Lismore Cir
Toft Cv
Clear Springs La
Steading Rd
Gascade Dr
Antrim Cove
Belfast Cove
Hogan Way
Brendan La
Inverness Cv
Dell Rd
Weston Bay Rd
Timber Lake Dr
Belair La
Curtis La
Caprice La
Glory La
Eden Prairie Rd
Shore Line Dr
Linwood Ct
Miller Pkwy
14
4
212
Imagery Source: NAIP 2015

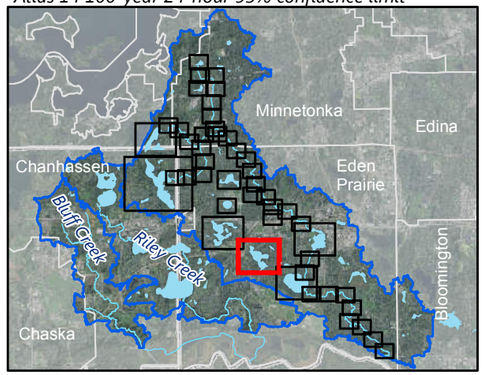
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- NoImpact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



450 0 450
Feet

Figure B-P47

100-YEAR INUNDATION EXTENTS
Purgatory Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

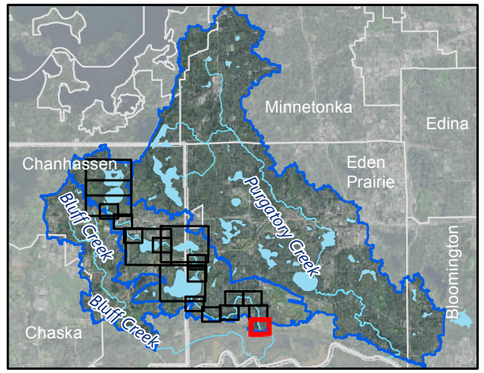
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-R1

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

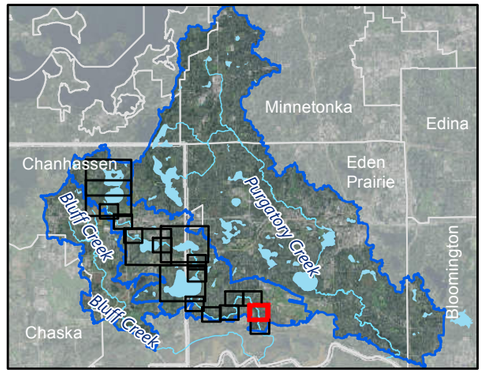
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R2

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

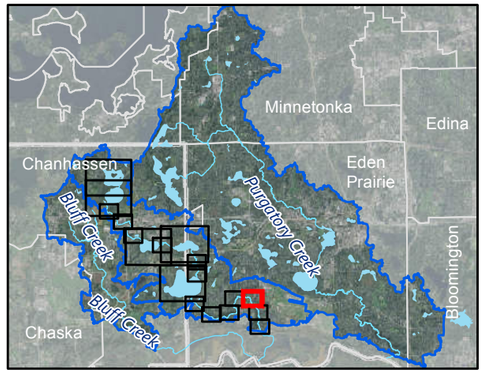
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-R3

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

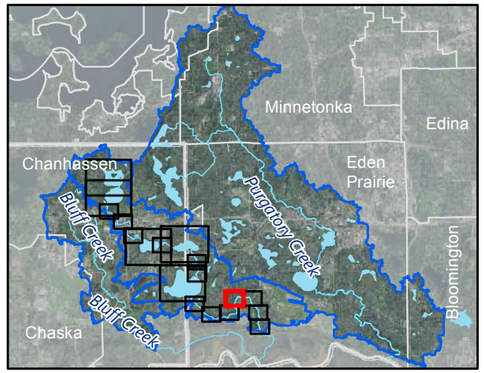
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R4

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

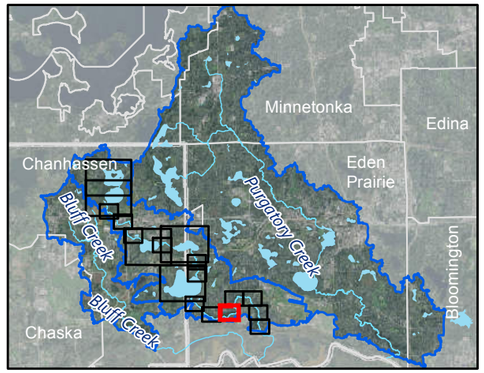
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R5

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

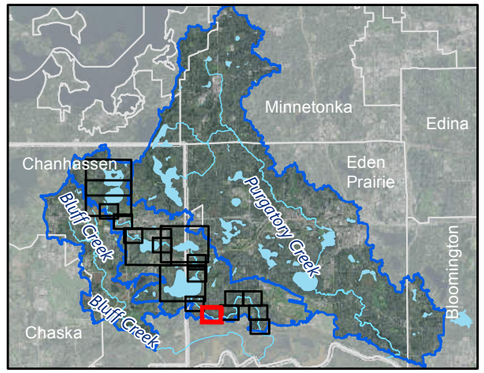
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R6

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

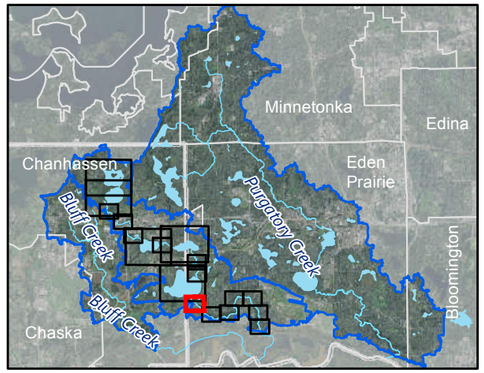
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R7

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

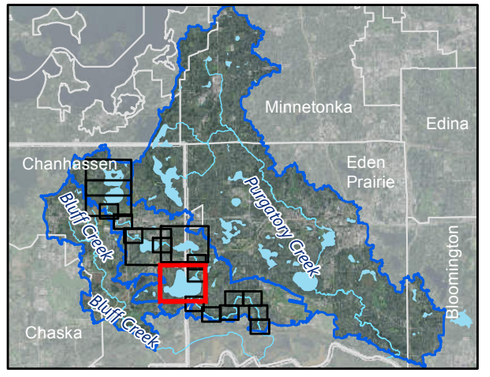
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



500 0 500 Feet

Figure B-R8

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

Imagery Source: NAIP 2015

Bar Footer: ArcGIS 10.4, 2016-08-09 14:30 File: I:\Client\RPBC_WD\Work_Orders\2016_TO15_FloodplainEval\Maps\Reports\One_Hundred_Year_Inundation\Riley_Crk_100y_Inundation_Extents_Mapbook.mxd User: jnr

Malrose Chas
English Turn
Bear Path Tr
Riley Creek
Nicklaus Way
Avila Cove
Lake Riley Rd
Stephens Pte
Lake Riley
Imagery Source: NAIP 2015

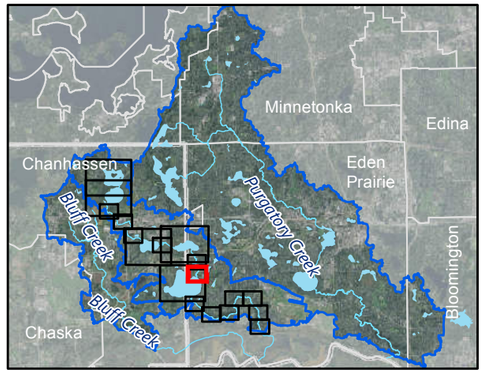
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R9

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

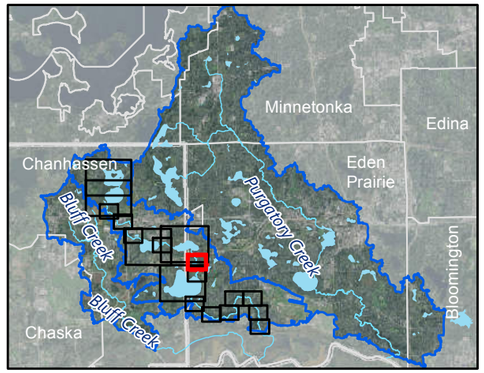
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R10

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

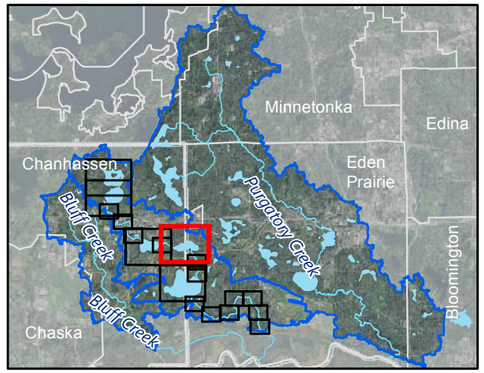
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

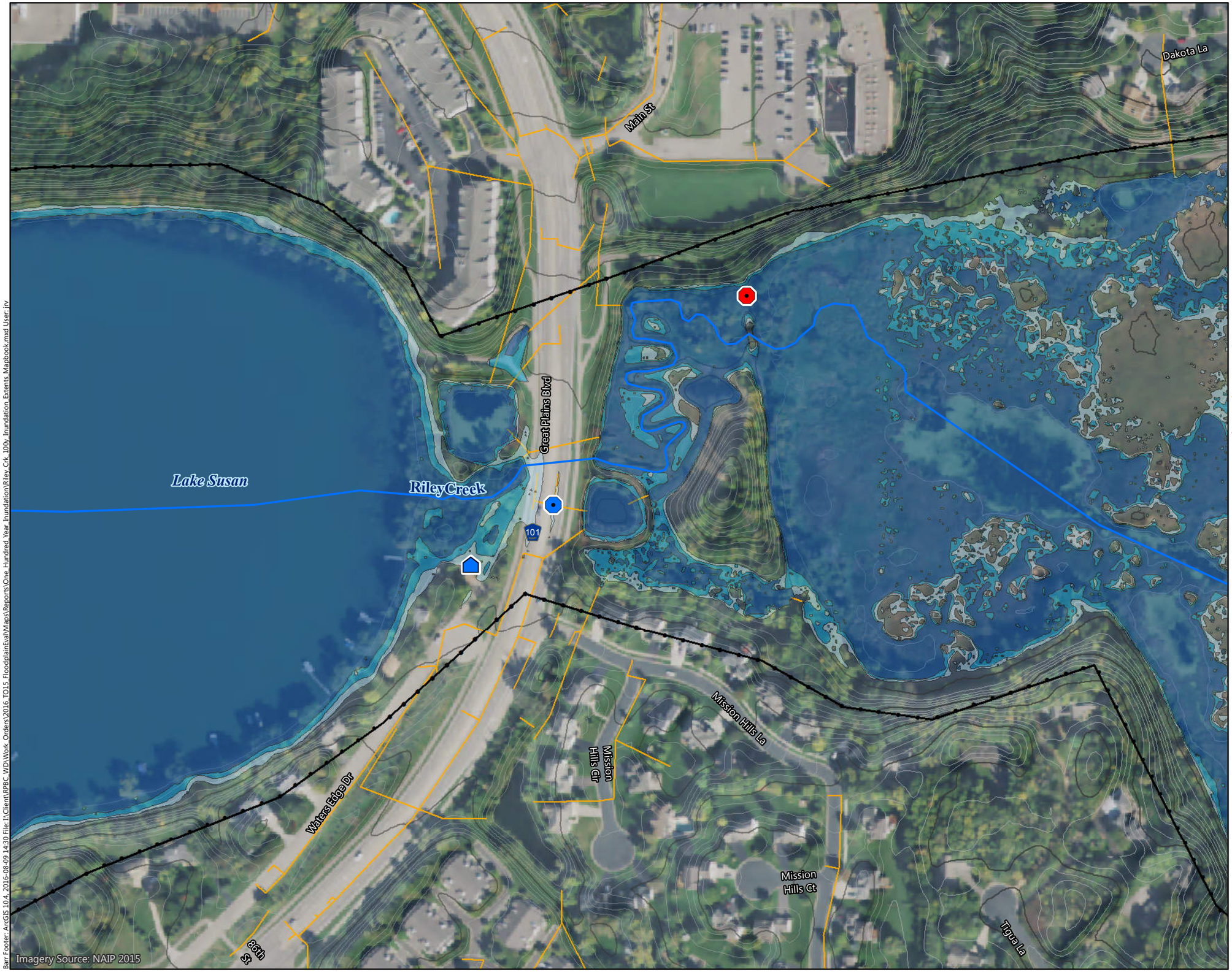
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



500 0 500 Feet

Figure B-R11

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District



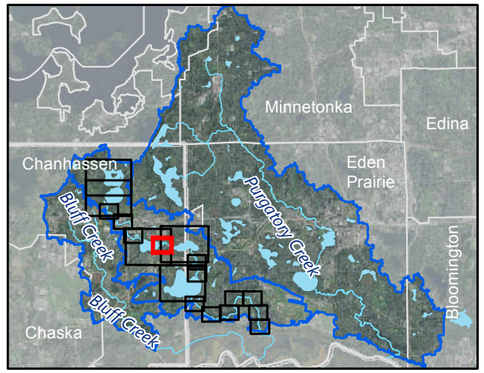
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

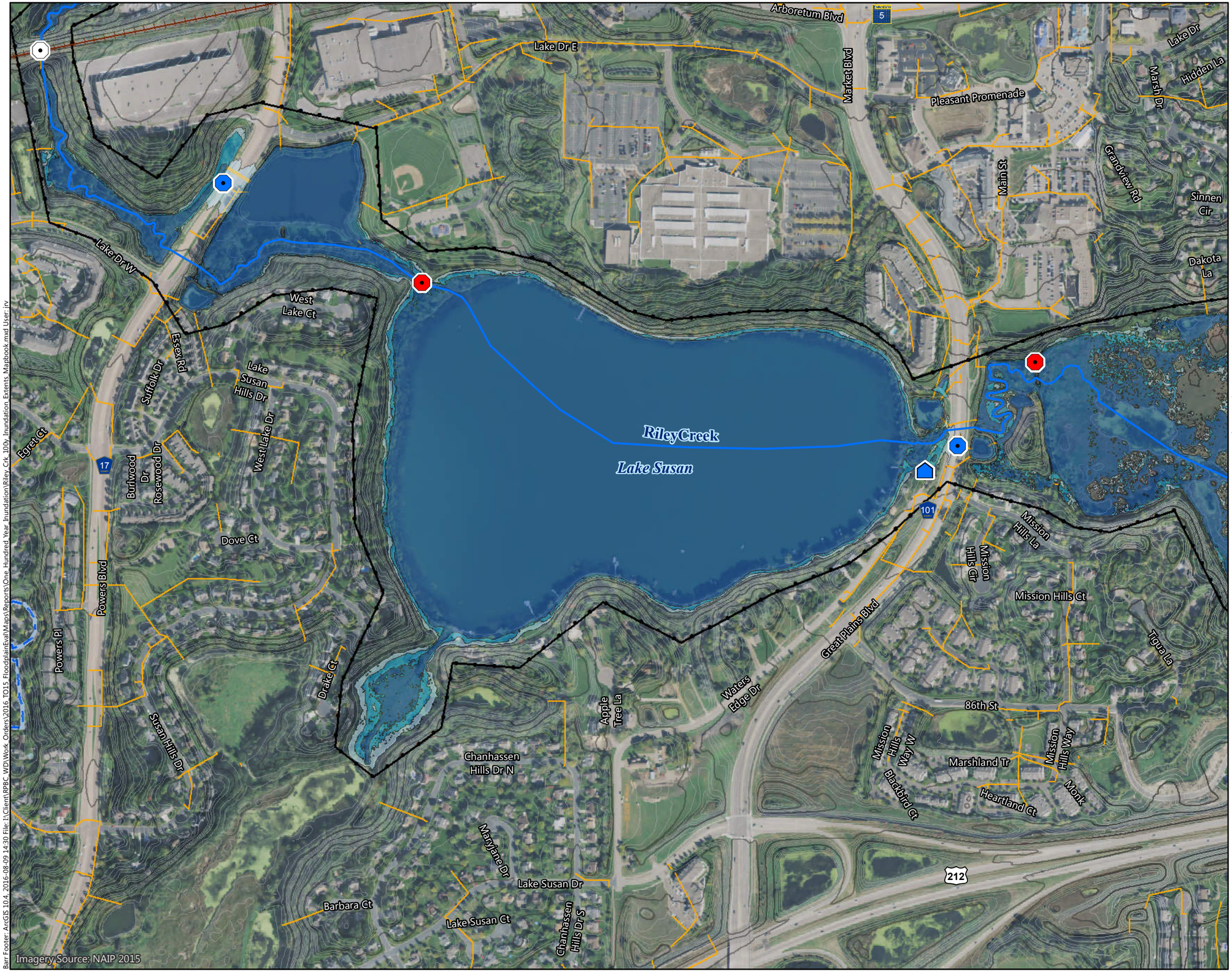
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R12

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District



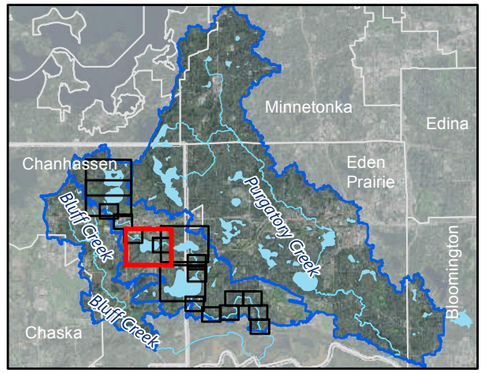
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

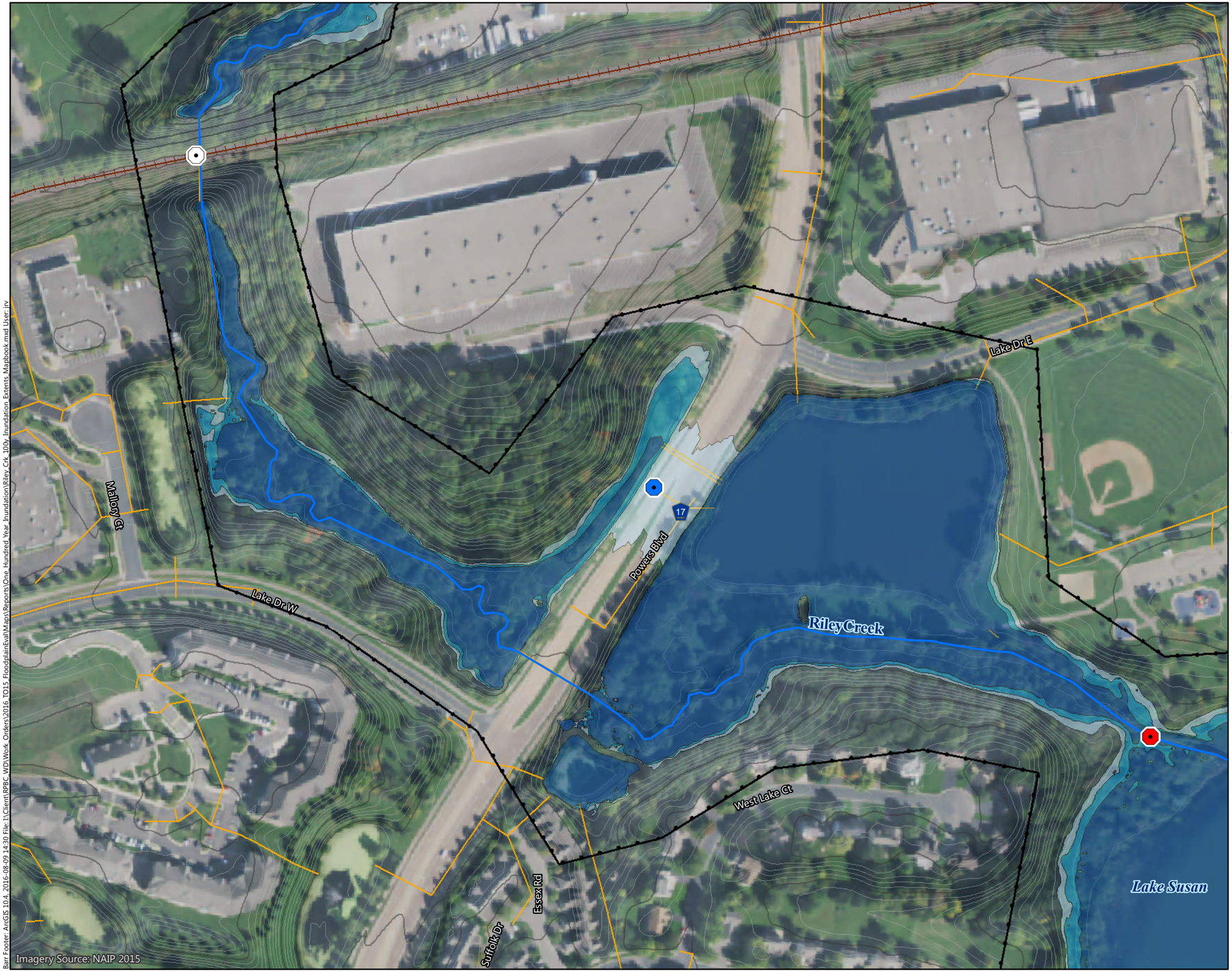
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



500 0 500 Feet

Figure B-R13

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District



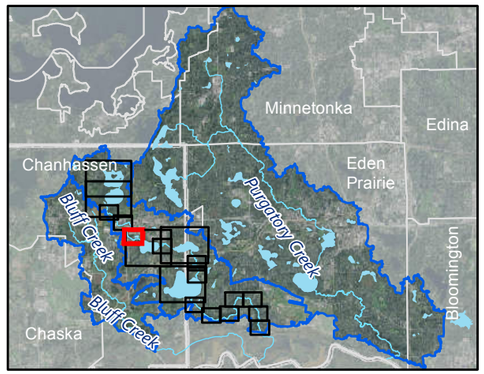
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

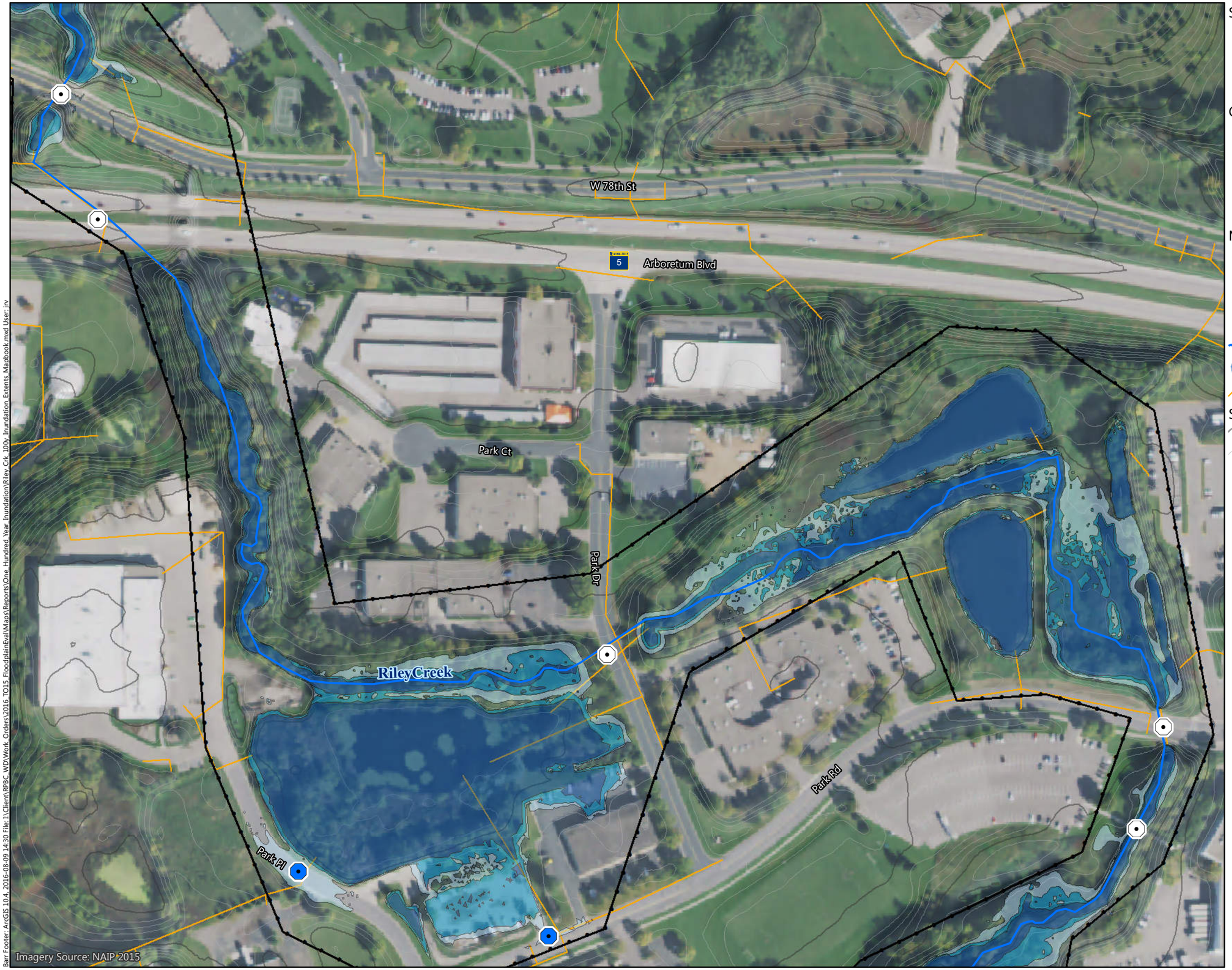
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R14

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District



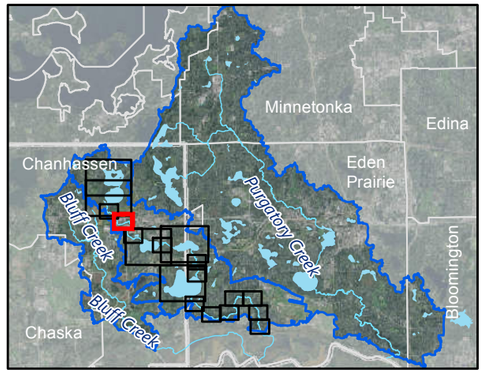
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R15

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

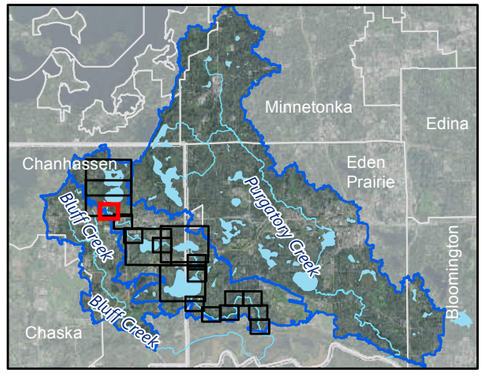
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-R16

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

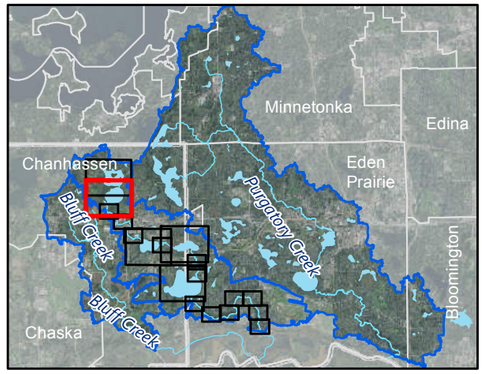
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*

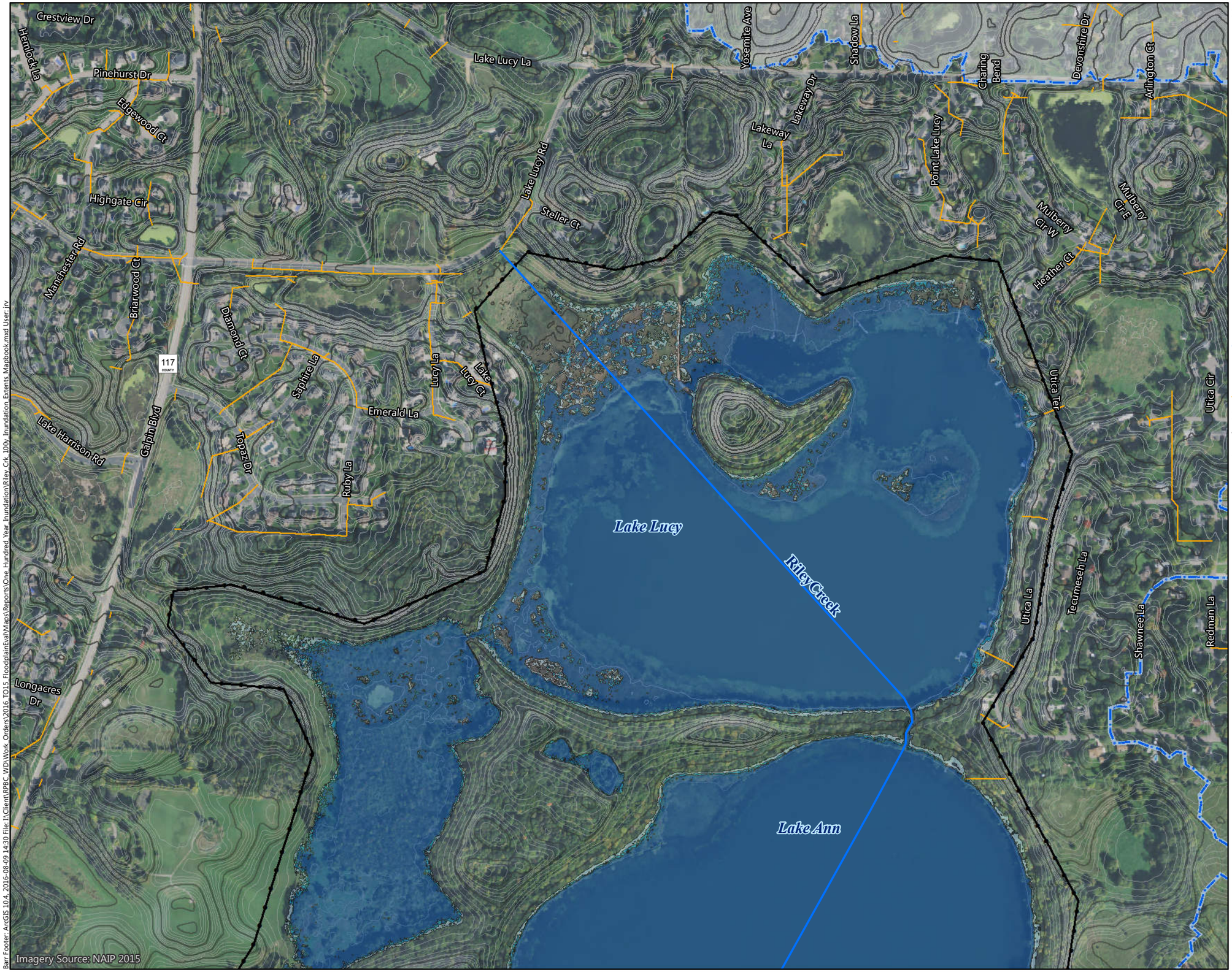


500 0 500 Feet

Figure B-R17

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

Lake Lucy
Lake Ann
Riley Creek
117
Longacres Dr
Galpin Blvd
Majestic Way
Grocus Ct
Wind Dr
Brinker St
Walnut Cv
Clover Ct
Prairie Flower Blvd
Primrose Pl
W Baneberry Way
Coneflower Ct
Bluebonnet Blvd
Chicory Way
Ladyslipper La
Snapdragon Dr
W 78th St
Audobon Rd
Utica La
Tecumseh La
Shawnee La
Redman La
Imagery Source: NAIP 2015



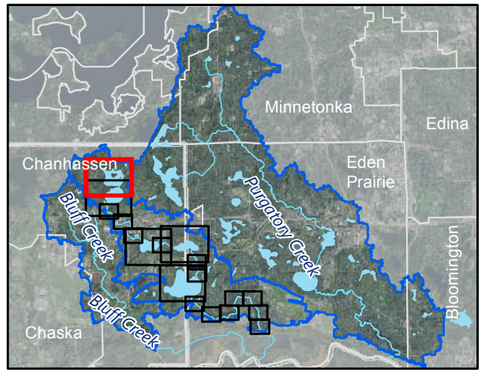
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



500 0 500
Feet

Figure B-R18

100-YEAR INUNDATION EXTENTS
Riley Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

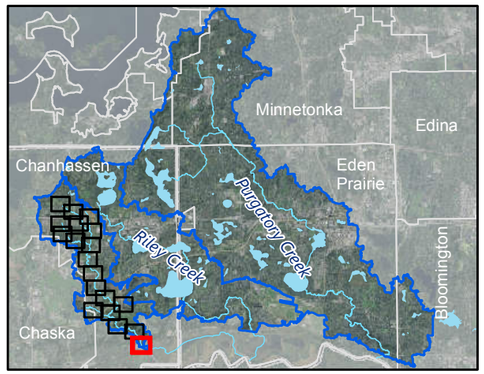
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

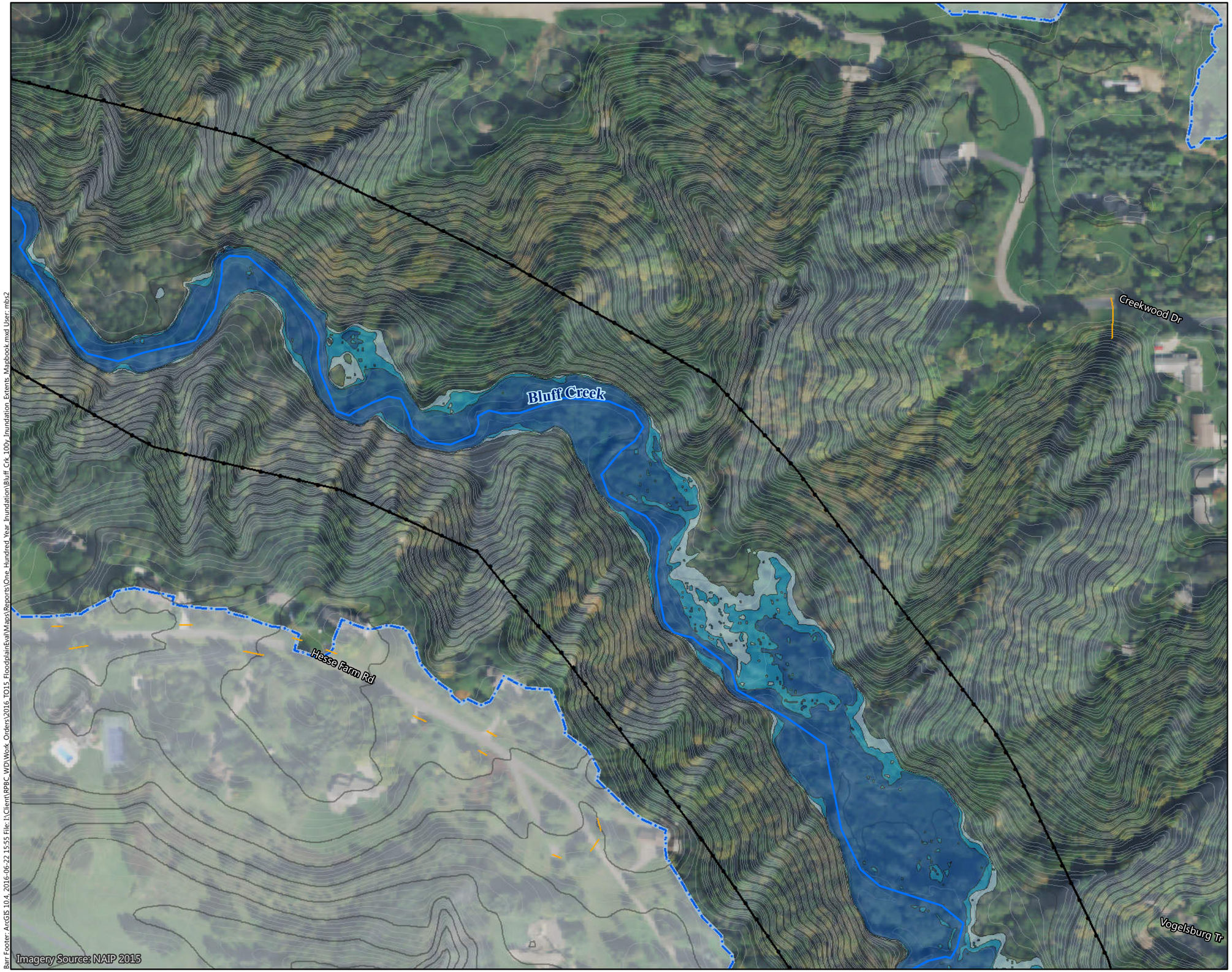
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B1

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District



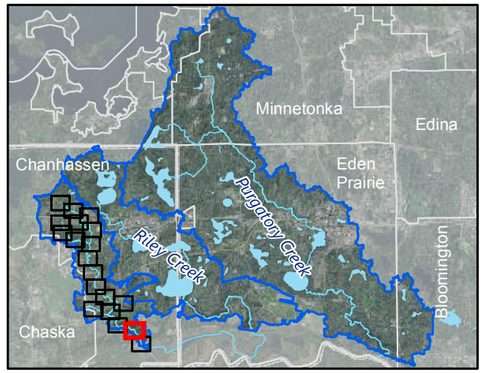
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B2

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District

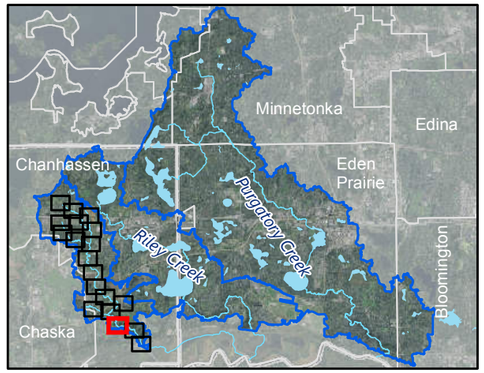
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B3

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District

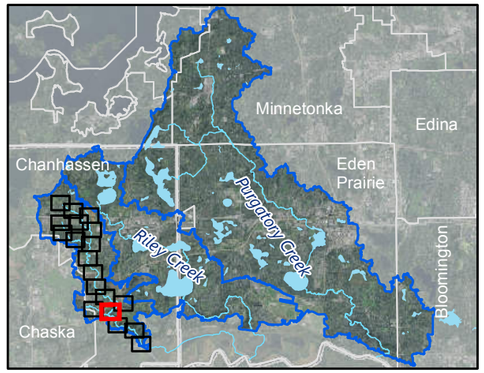
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-B4

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District

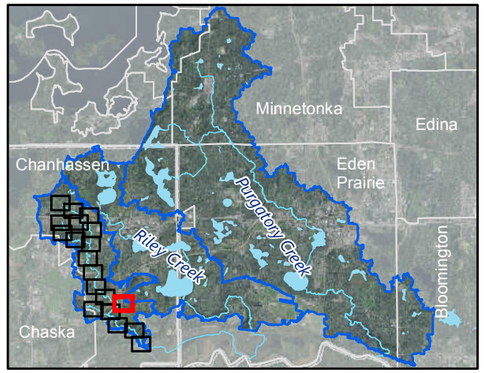
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-B5

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek
Watershed District

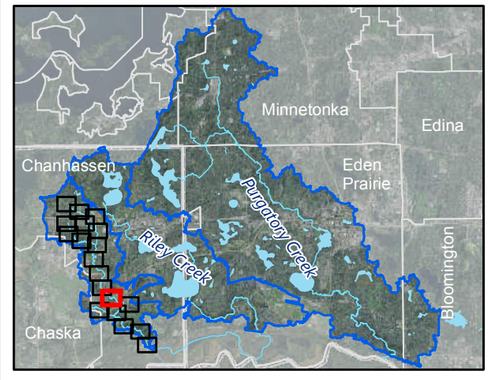
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B6

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District

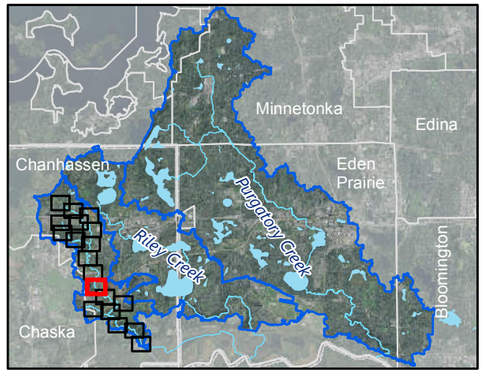
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B7

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District

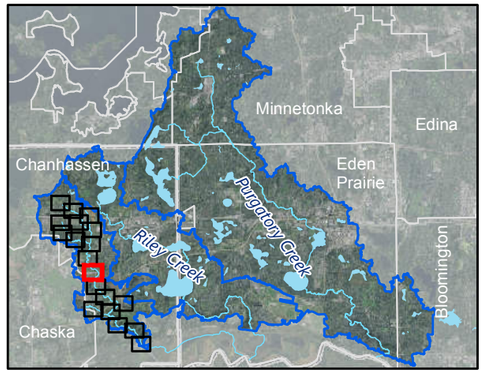
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

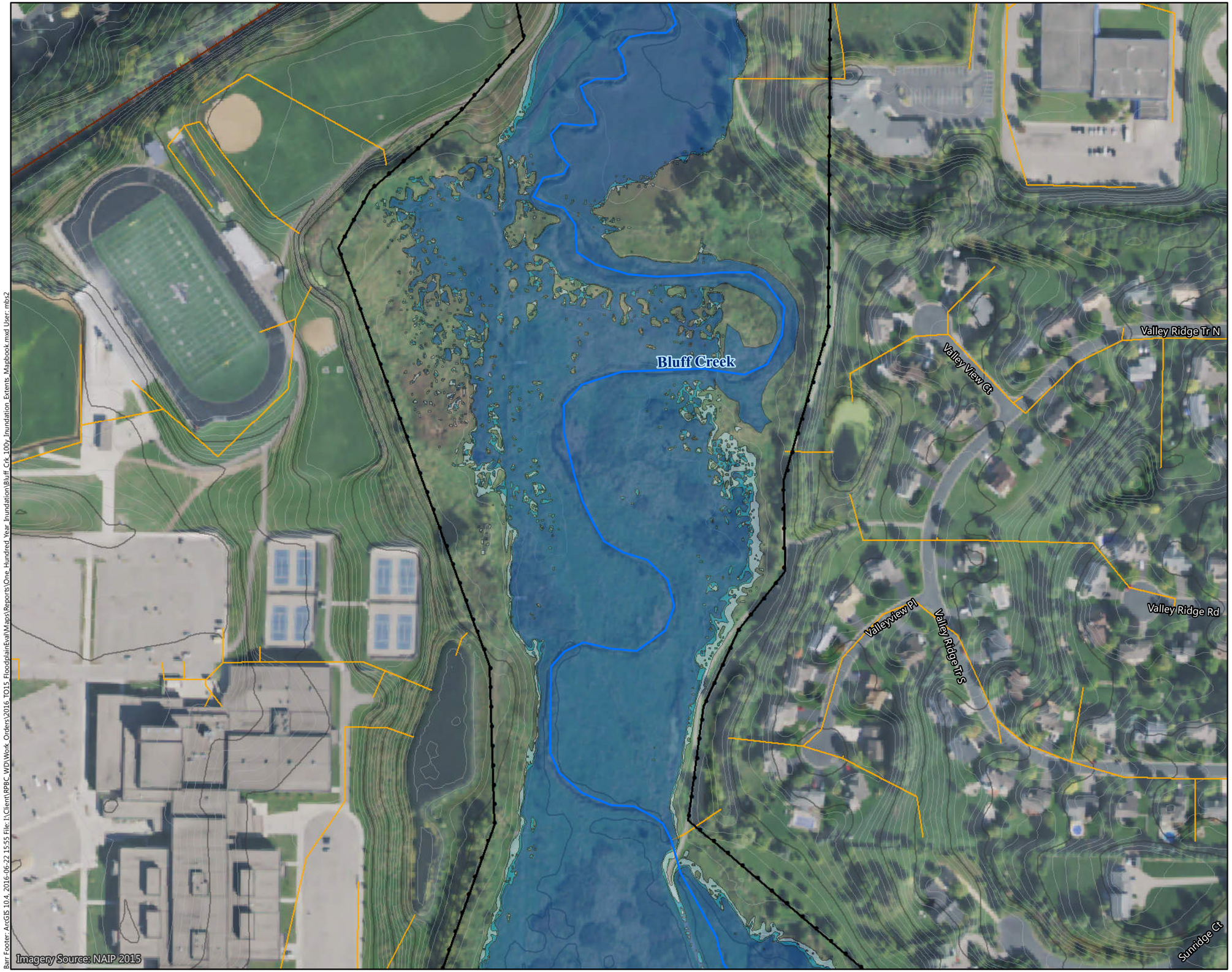
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B8

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District



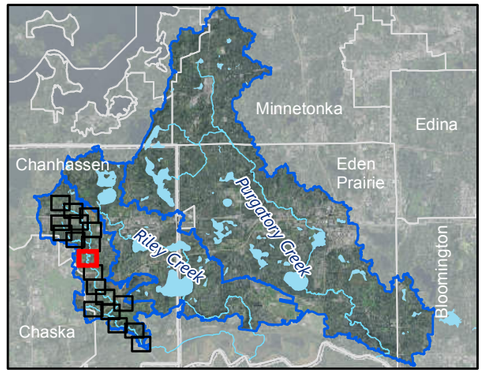
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B9

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Barr Footer: ArcGIS 10.4 2016-06-22 15:55 File: I:\Client\RPBC_WD\Work_Orders\2016_TO15_FloodplainEval\Maps\Reports\One_Hundred_Year_Inundation\Bluff_Crk_100y_Inundation_Extents_Mapbook.mxd User: mbs2

Imagery Source: NAIP 2015

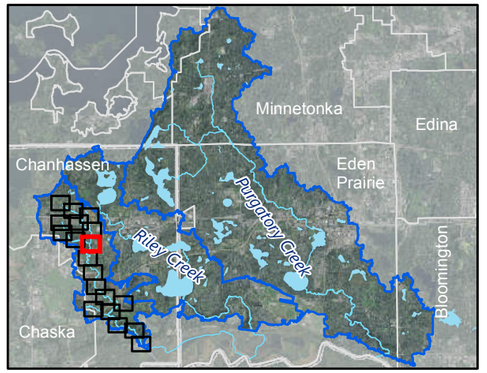
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B10

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District

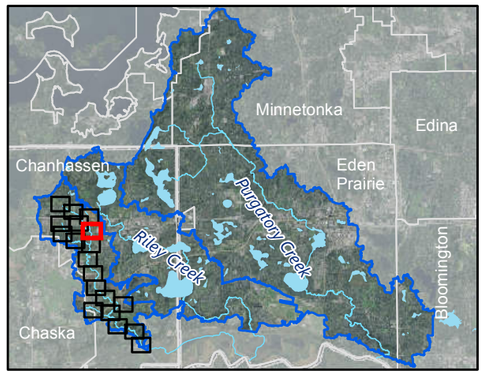
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-B11

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District

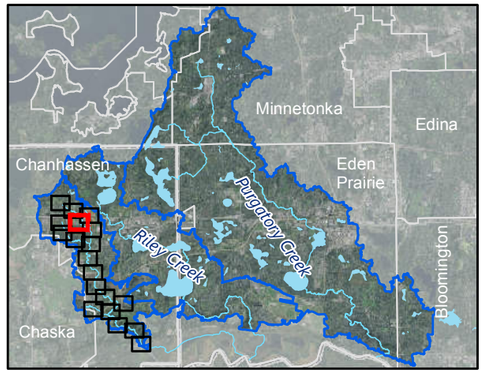
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

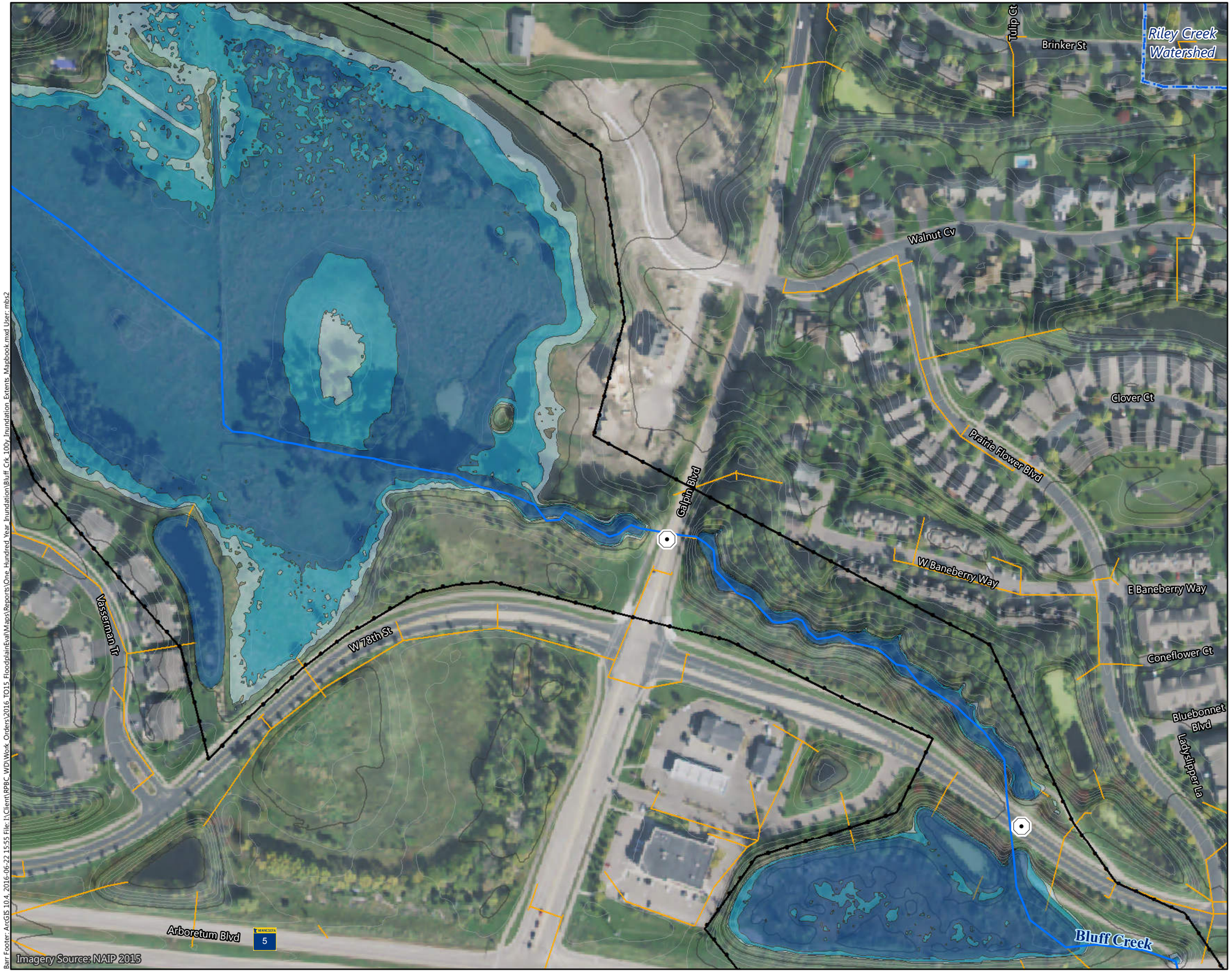
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-B12

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District



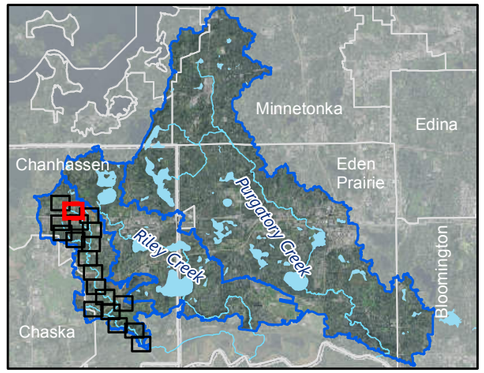
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

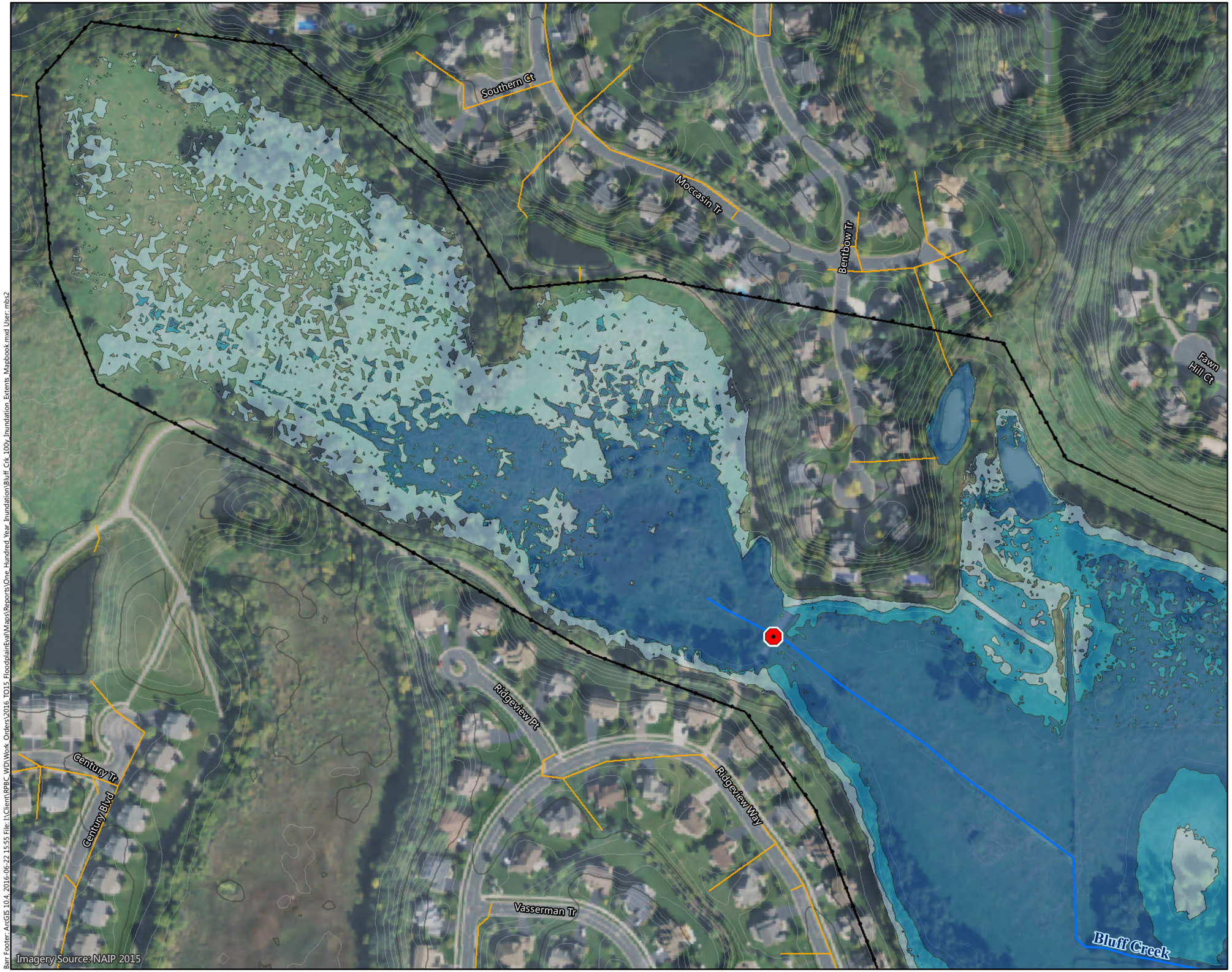
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-B13

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District



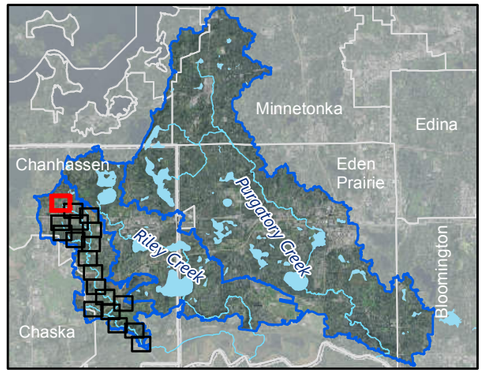
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B14

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District

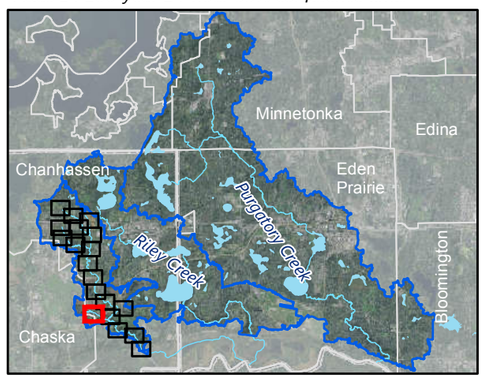
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

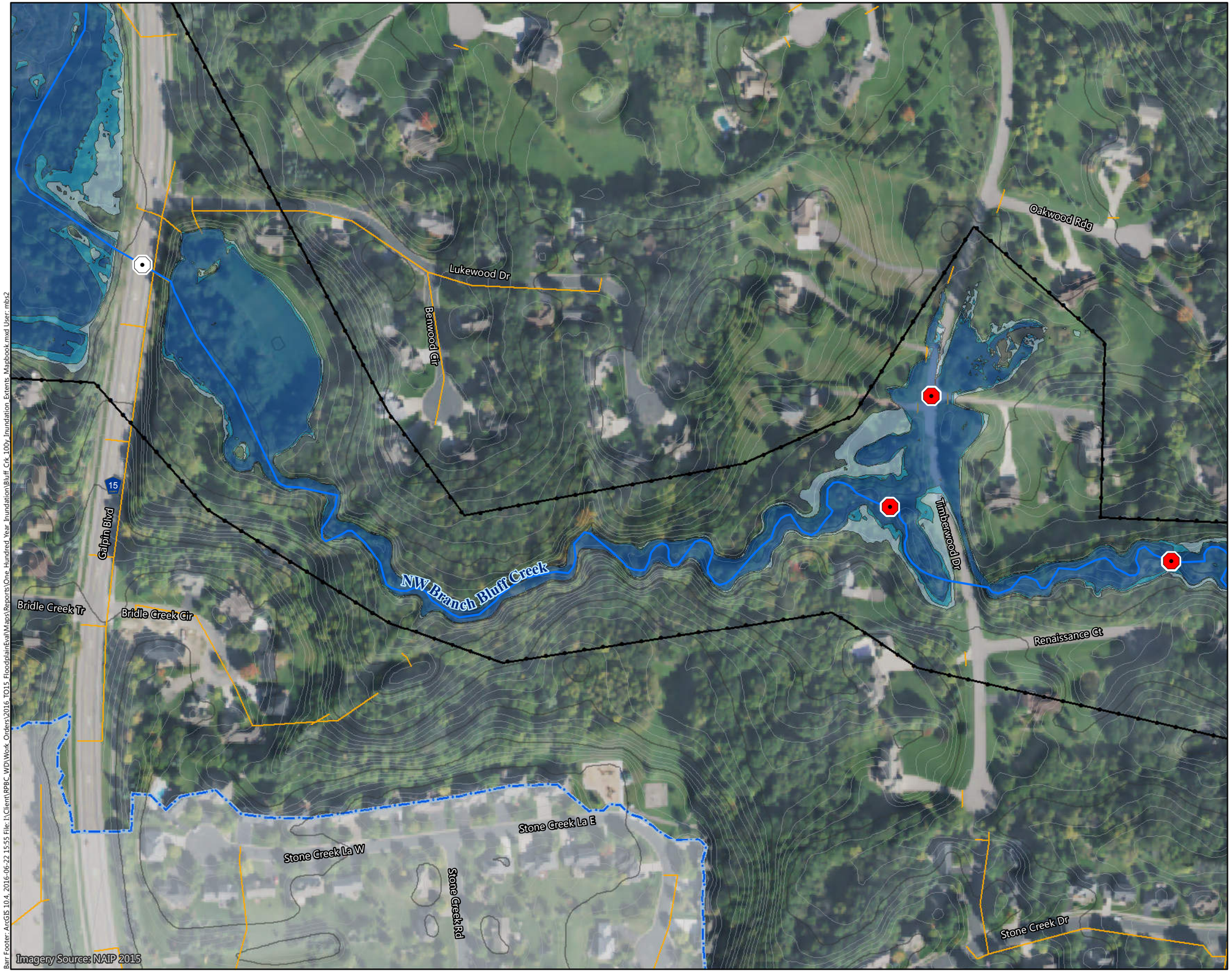
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-B15

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District



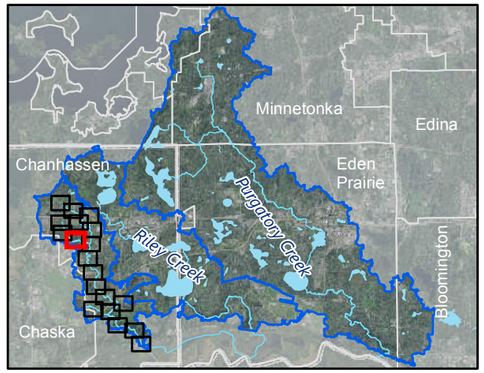
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

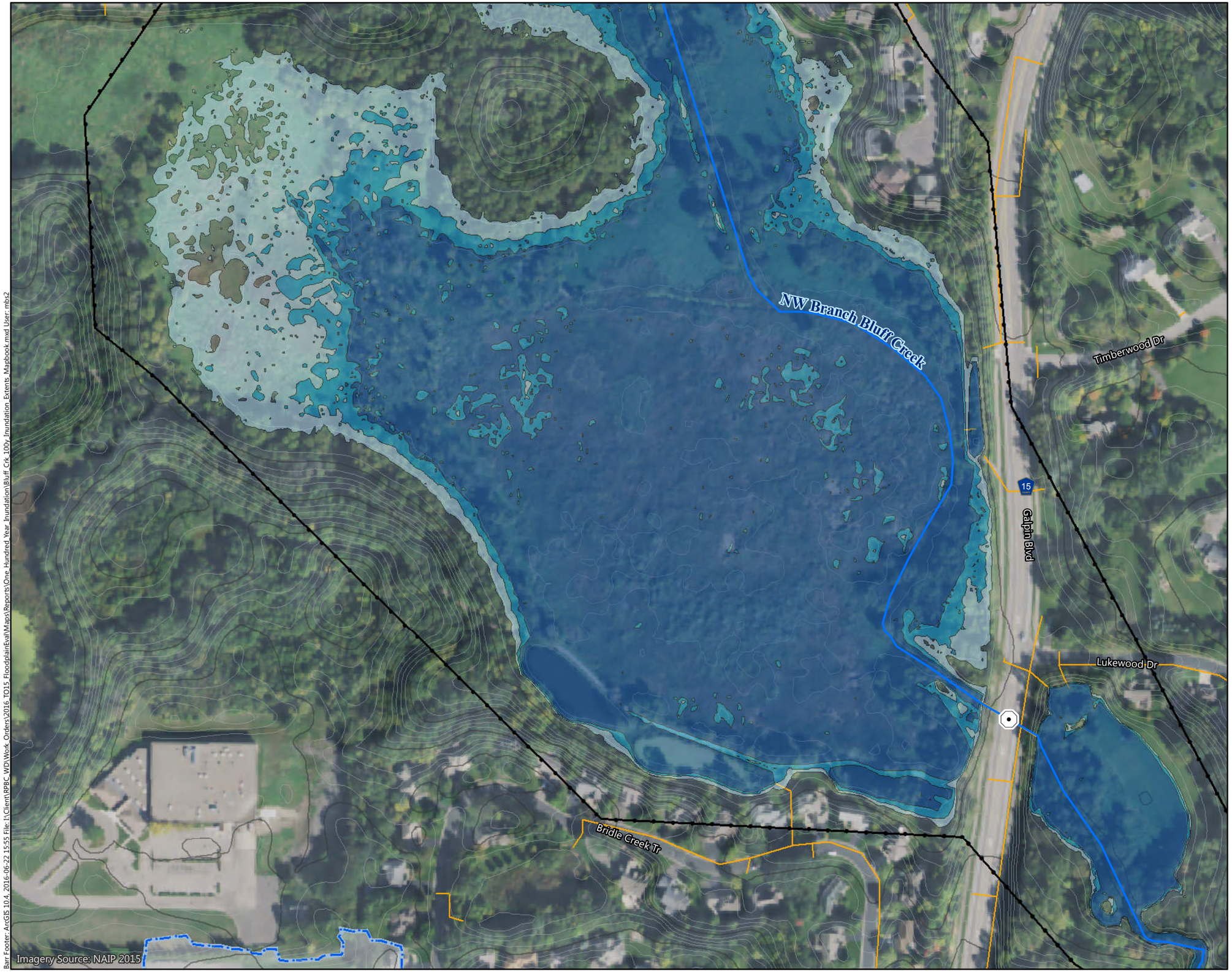
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B16

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District



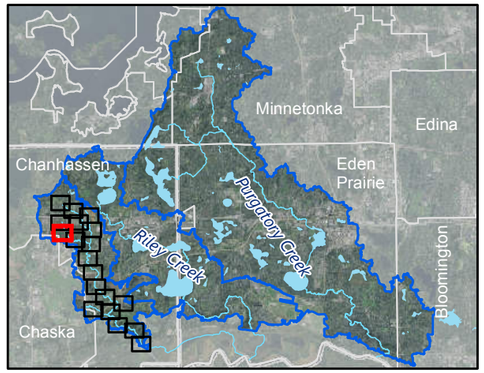
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

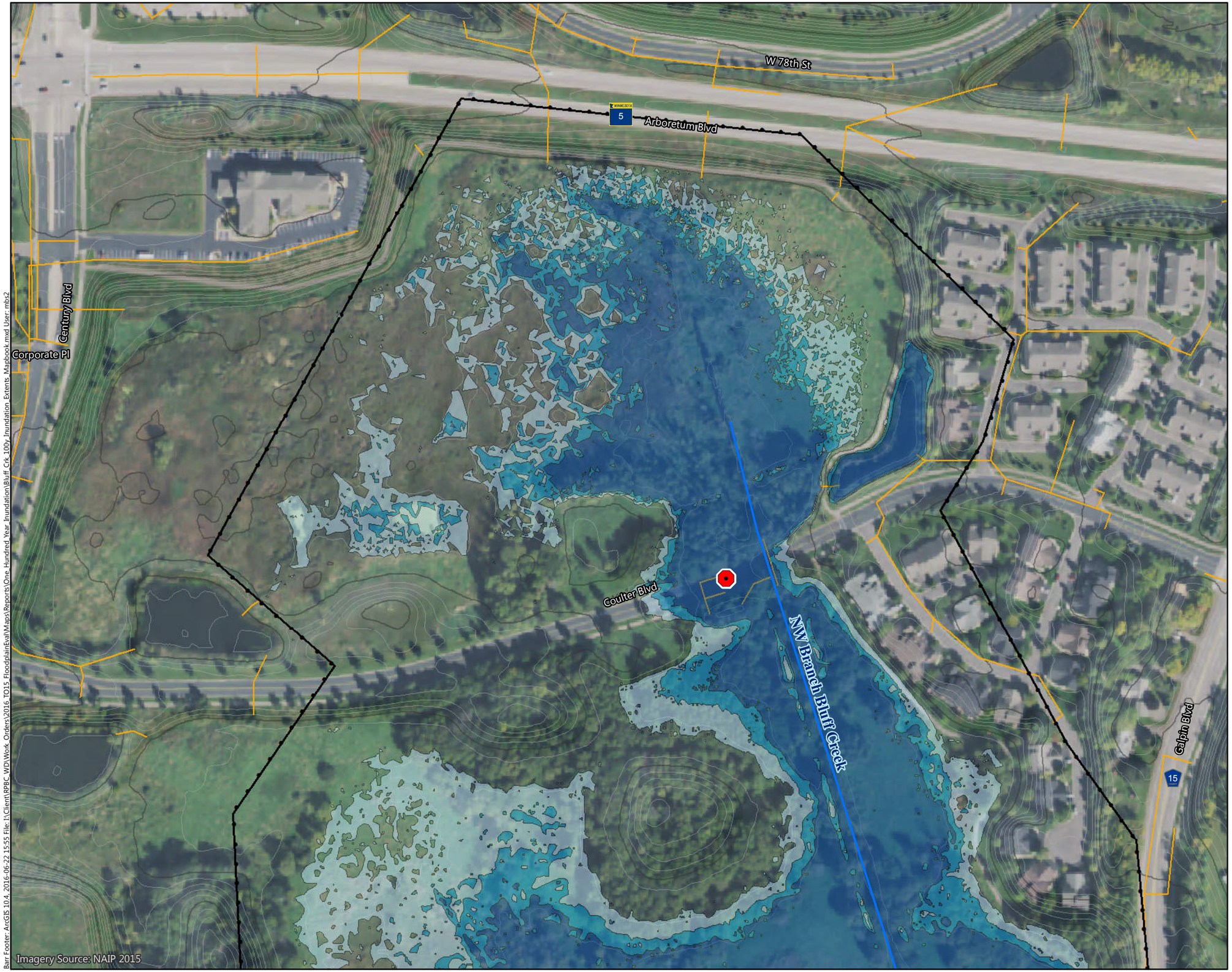
[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B17

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District



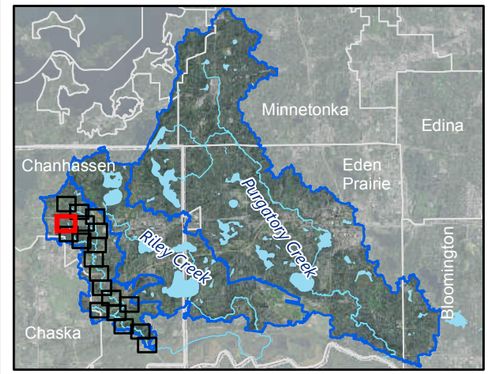
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200
Feet

Figure B-B18

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District

Barr Footer: ArcGIS 10.4 2016-06-22 15:55 File: I:\Client\RPBC_WD\Work_Orders\2016_TO15_FloodplainEval\Mxds\Reports\One_Hundred_Year_Inundation\Bluff_Crk_100y_Inundation_Extents_Mapbook.mxd User: mbs2

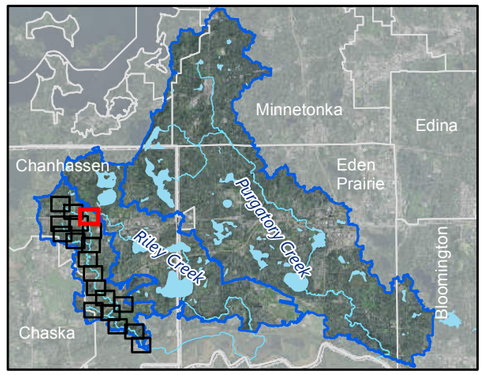
Structure Potentially Inundated During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]

Creek Crossing Potentially Overtopped During a:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- No Impact

Modeled Inundation Extents Resulting from:
- 5.5-inch rainfall event[1]
- 7.4-inch rainfall event[2]
- 10.0-inch rainfall event[3]
- Extent of Inundation Mapping
- Creek
- Creek Watershed Boundary
- Storm Sewer

Surface Contours
- 10-Foot Contour
- 2-Foot Contour

[1]*Atlas 14 100-year 24-hour 5% confidence limit*
[2]*Atlas 14 100-year 24-hour 50% confidence limit*
[3]*Atlas 14 100-year 24-hour 95% confidence limit*



200 0 200 Feet

Figure B-B19

100-YEAR INUNDATION EXTENTS
Bluff Creek Watershed
Riley Purgatory Bluff Creek Watershed District