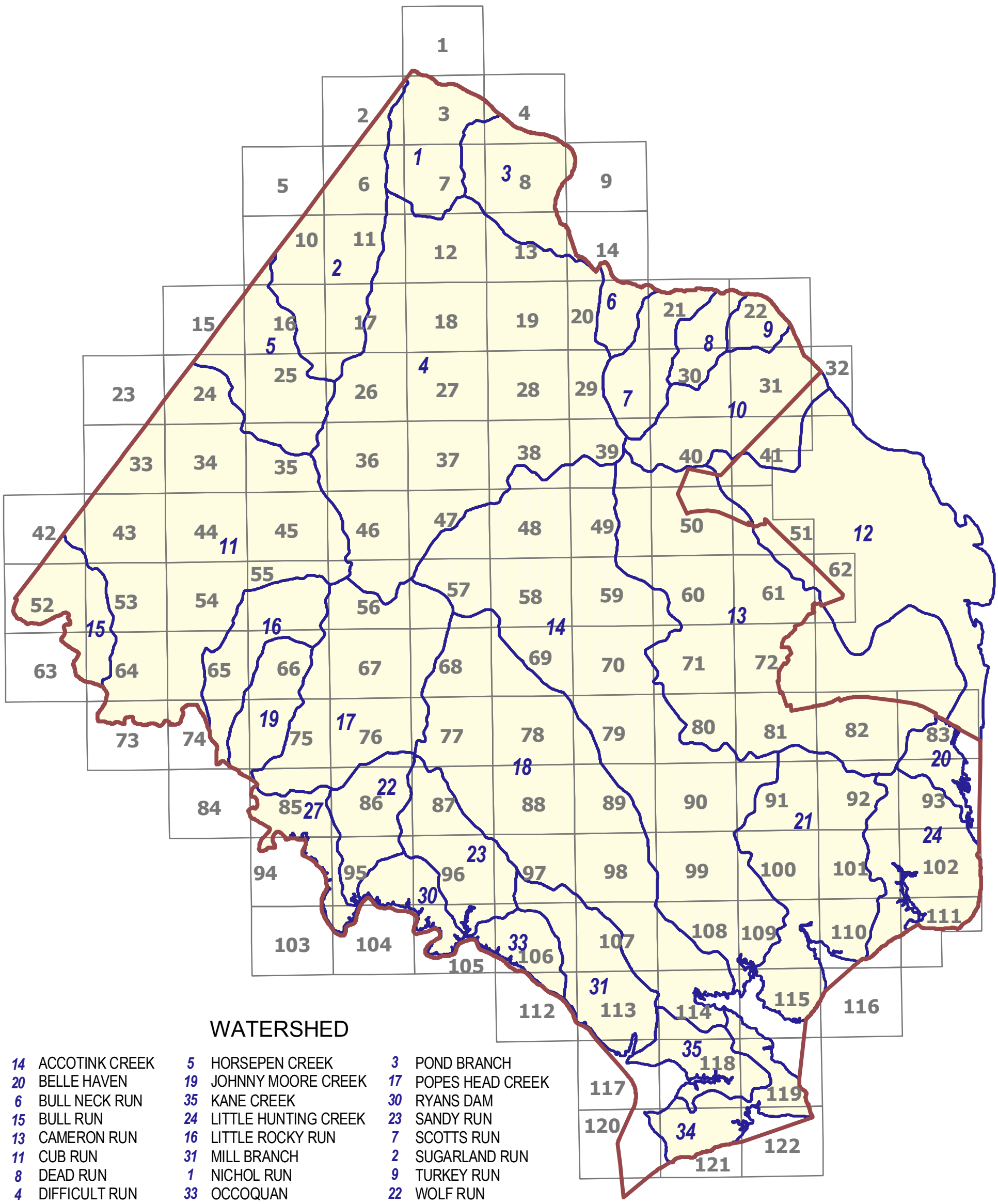


Fairfax County Boundary

1 Fairfax County Map Index

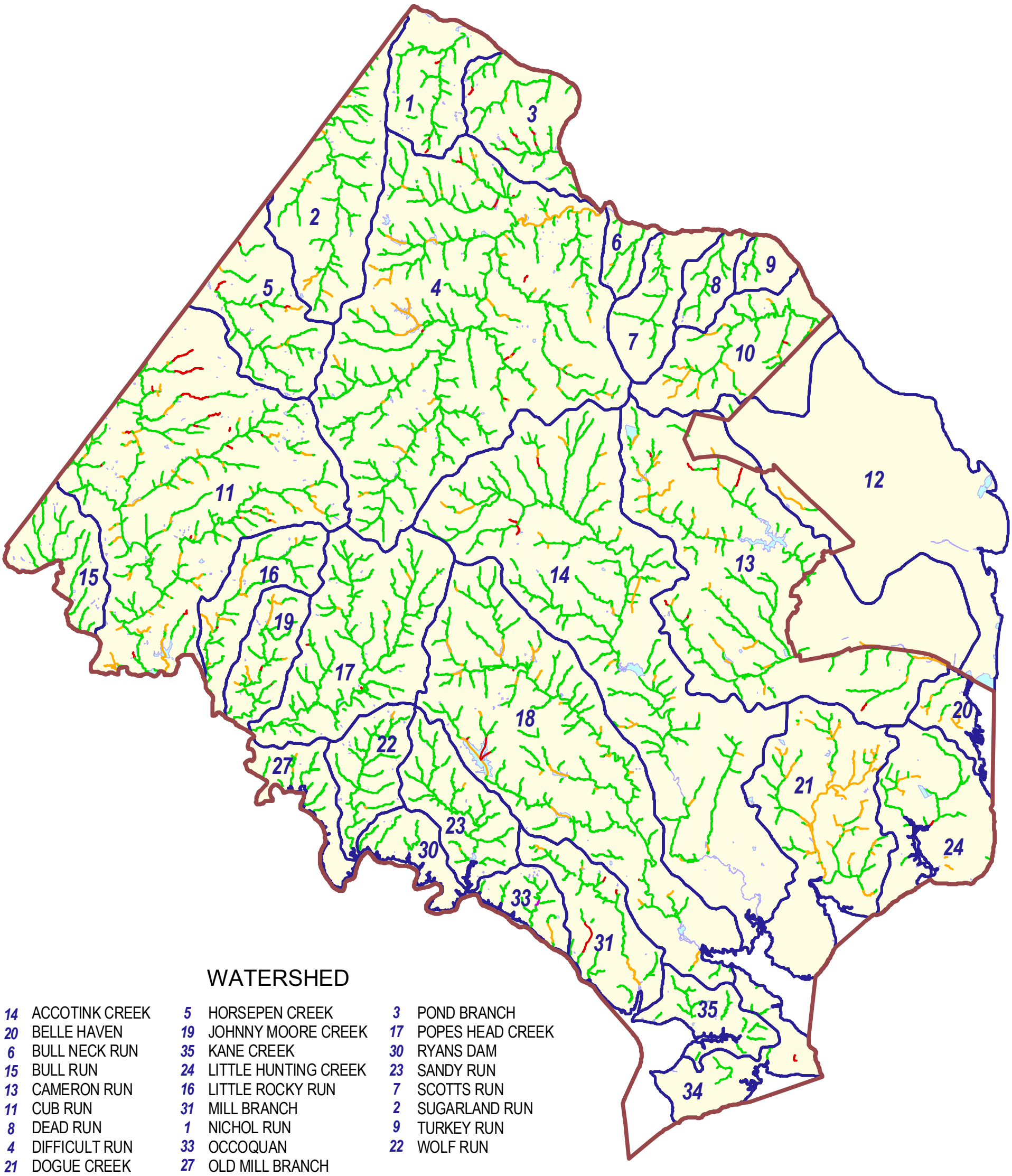
Watersheds

Figure 2-1
Fairfax County Map Index
Fairfax County Stream Physical Assessment

N

0 3 6 9 Miles

CH2MHILL



Fairfax County Boundary

Assessment Status

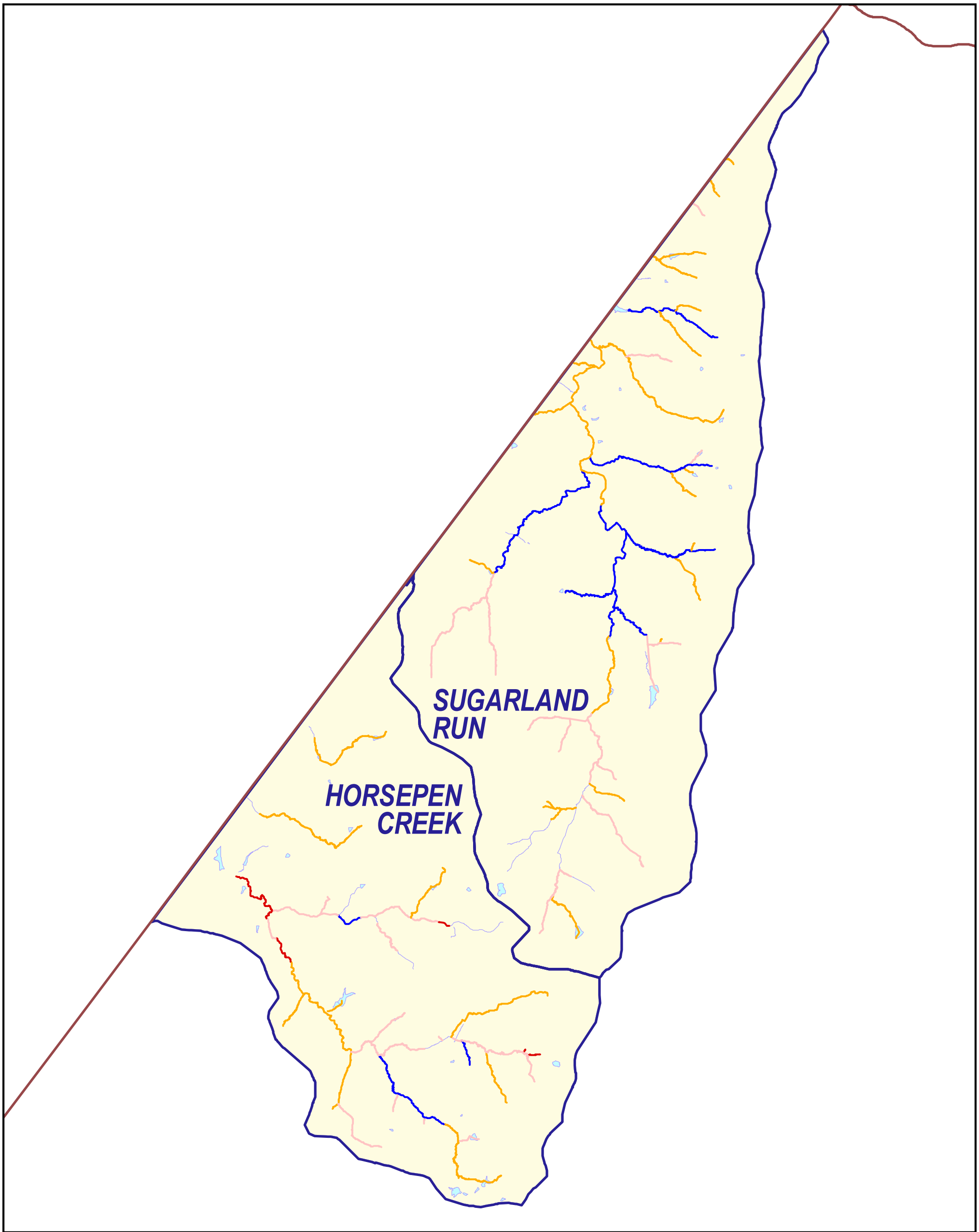
- Habitat and Inventory
- Habitat Only
- Inventory Only
- No Assessment
- Lakes and Ponds
- Watersheds

N

0 3 6 9 Miles

CH2MHILL

Figure 2-4
Stream Assessment Status
Fairfax County Stream Physical Assessment



Fairfax County Boundary
Habitat Rating
Excellent
Good
Fair
Poor
Very Poor
No Habitat Assessment
Lakes and Ponds
Watersheds

WATERSHED GROUP: SUGARLAND RUN

N

0 3000 6000 9000 12000 Feet

Figure 3-3
Habitat Assessment
Sugarland Run Group
Fairfax County Stream Physical Assessment

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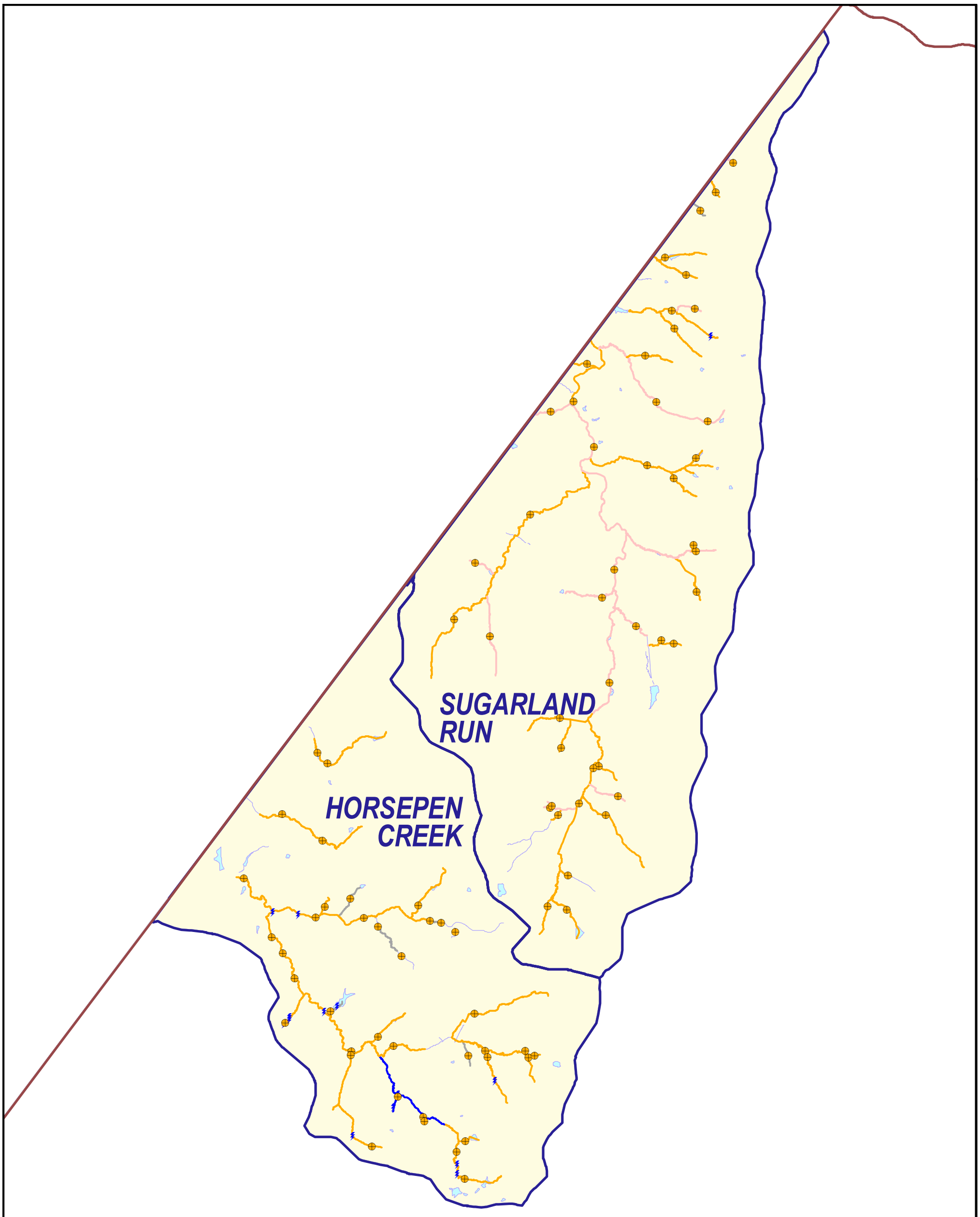

Inventory Types
- Cross Section
- Head Cut

CEM Stage
- Not Assigned
- 1
- 2
- 3
- 4
- 5
- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

WATERSHED GROUP: SUGARLAND RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-4
CEM Stages
Sugarland Run Group
Fairfax County Stream Physical Assessment

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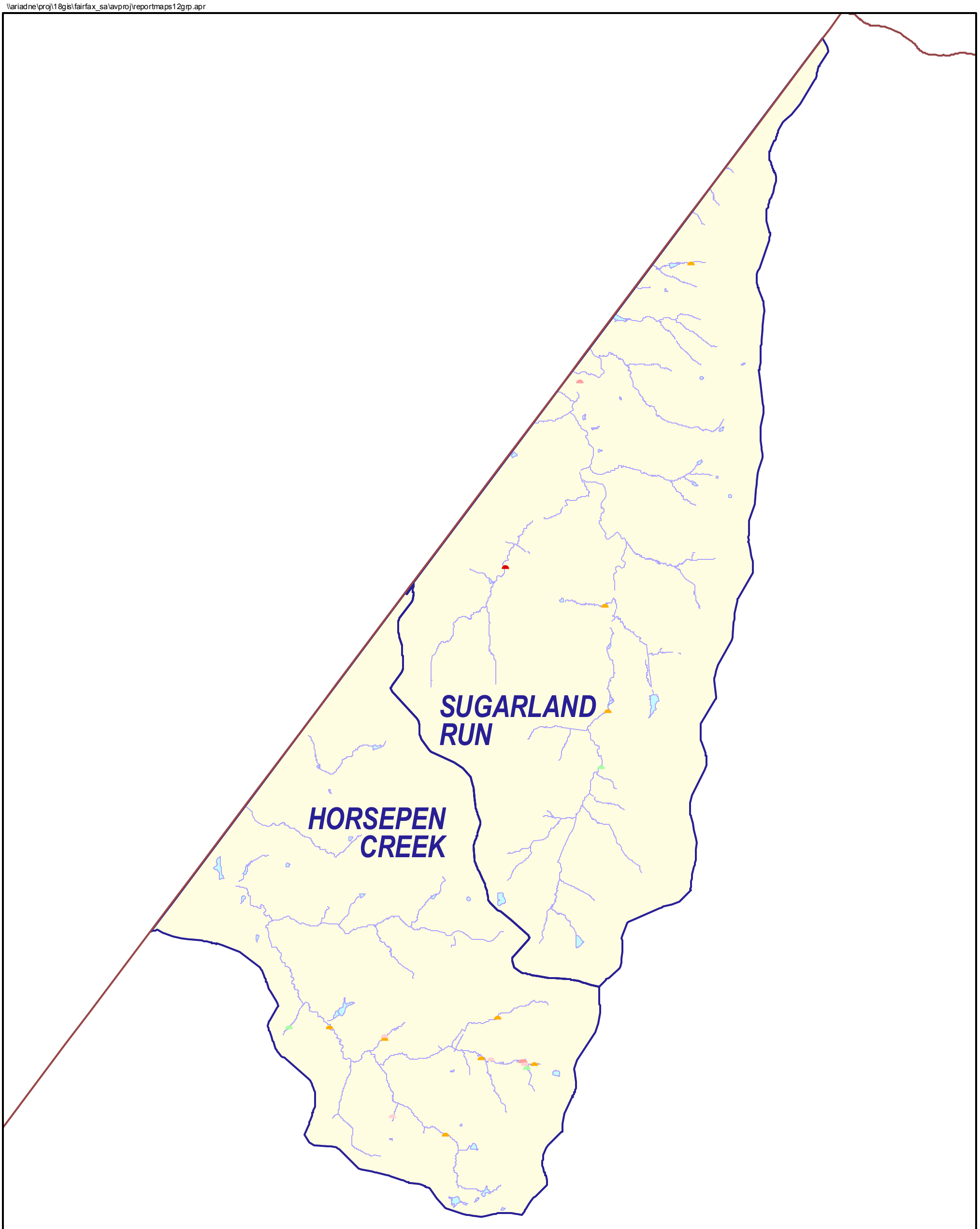

Erosion by Impact Score

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

WATERSHED GROUP: SUGARLAND RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-5
Erosion Impacts
Sugarland Run Group
Fairfax County Stream Physical Assessment

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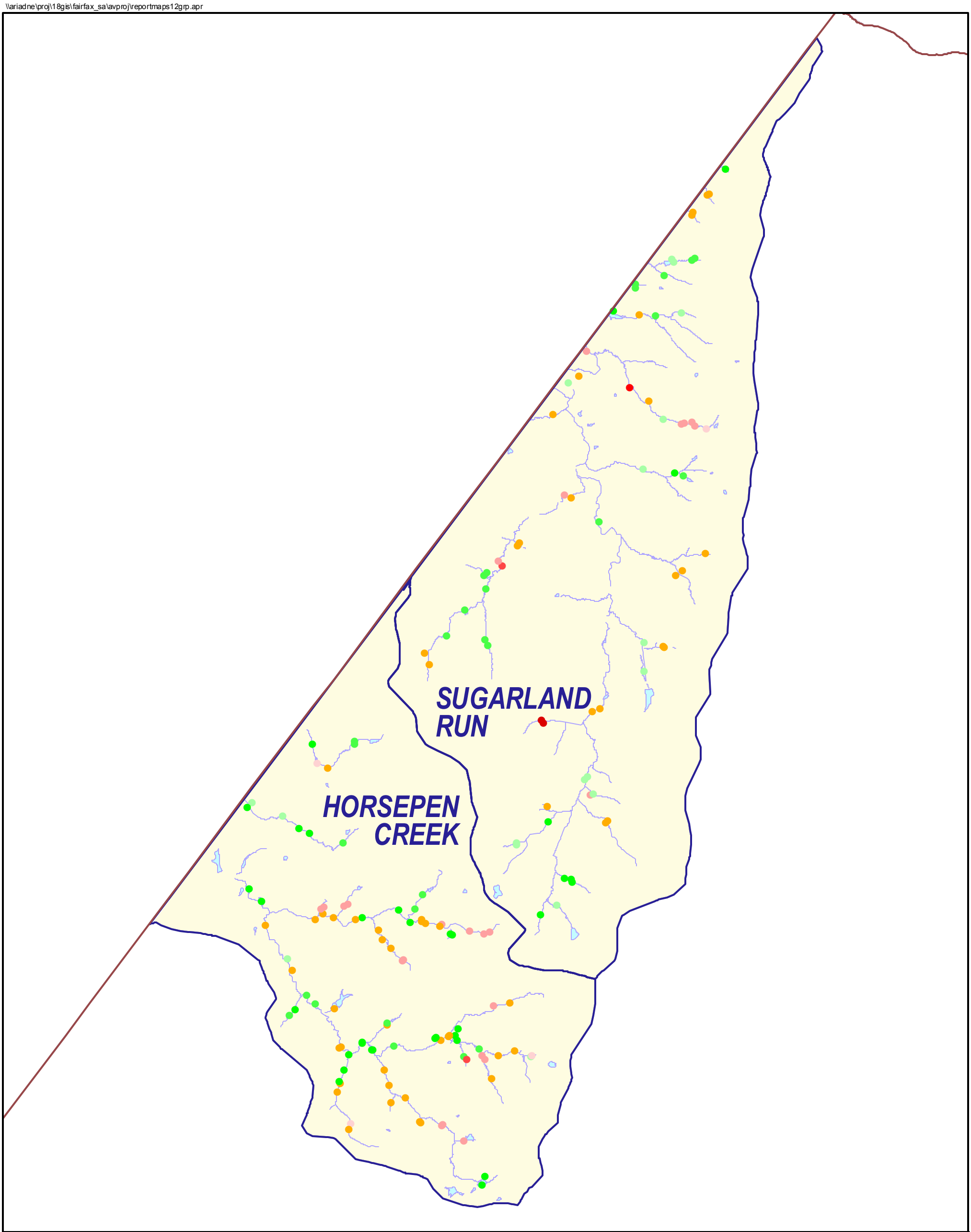

Deficient Buffer by Impact Score

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Fairfax County Boundary
Lakes and Ponds
Streams
Watersheds

WATERSHED GROUP: SUGARLAND RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-6
Deficient Buffer Impacts
Sugarland Run Group
Fairfax County Stream Physical Assessment

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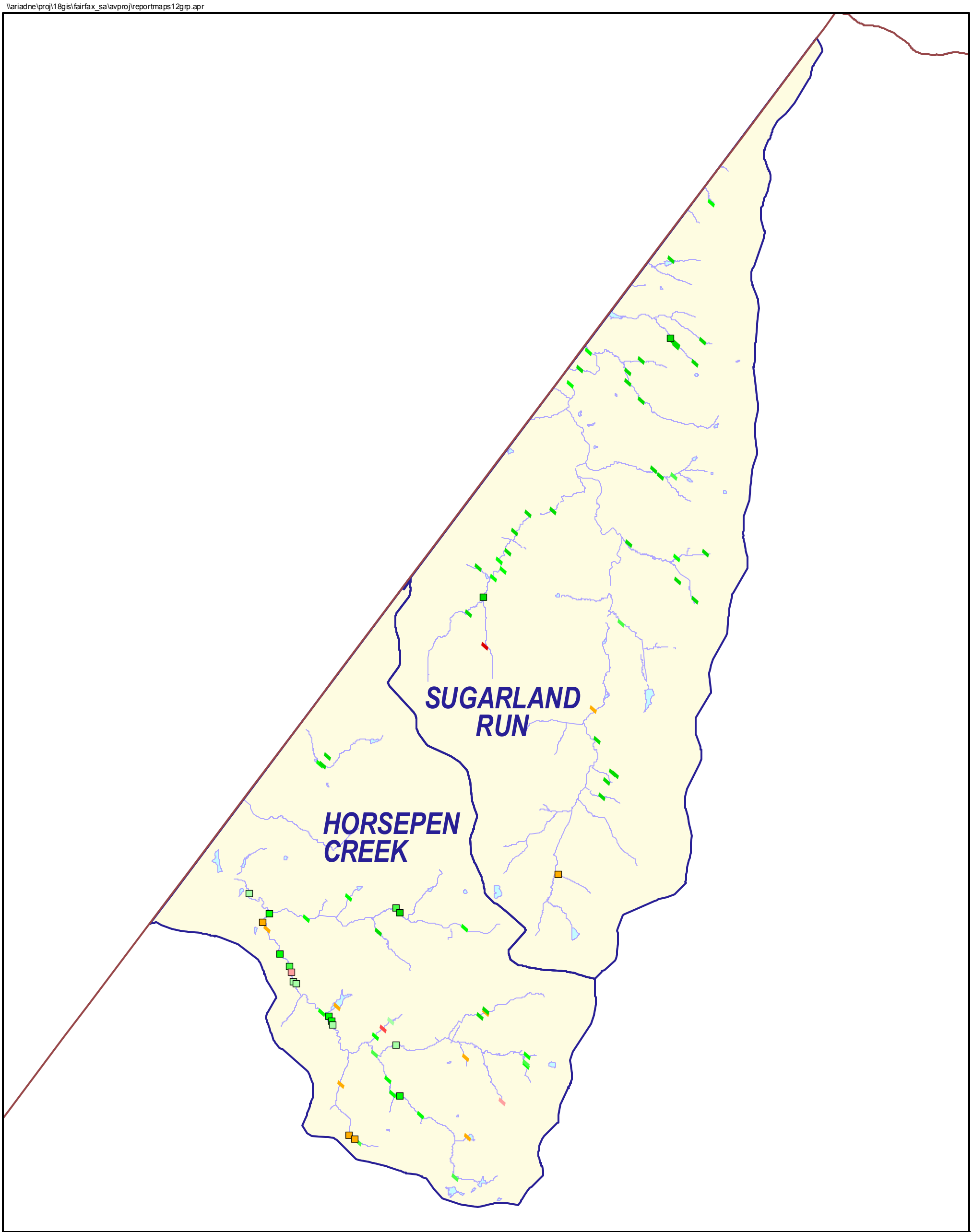

Pipe / Ditch by Impact Score

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

WATERSHED GROUP: SUGARLAND RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-7
Pipe and Ditch Impacts
Sugarland Run Group
Fairfax County Stream Physical Assessment

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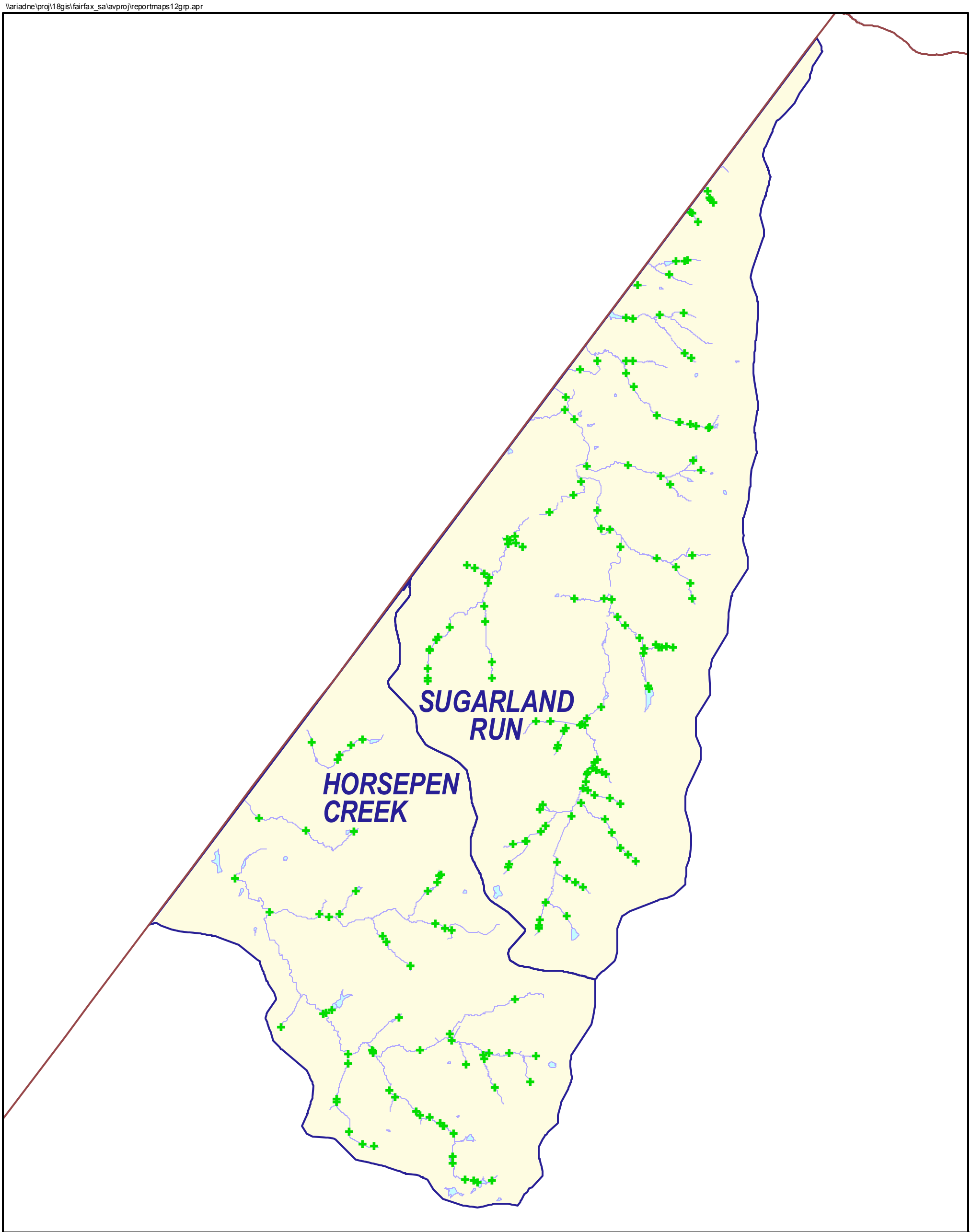

Inventory Type
Crossing

Fairfax County Boundary
Lakes and Ponds
Streams
Watersheds

WATERSHED GROUP: SUGARLAND RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-8
Crossings
Sugarland Run Group
Fairfax County Stream Physical Assessment

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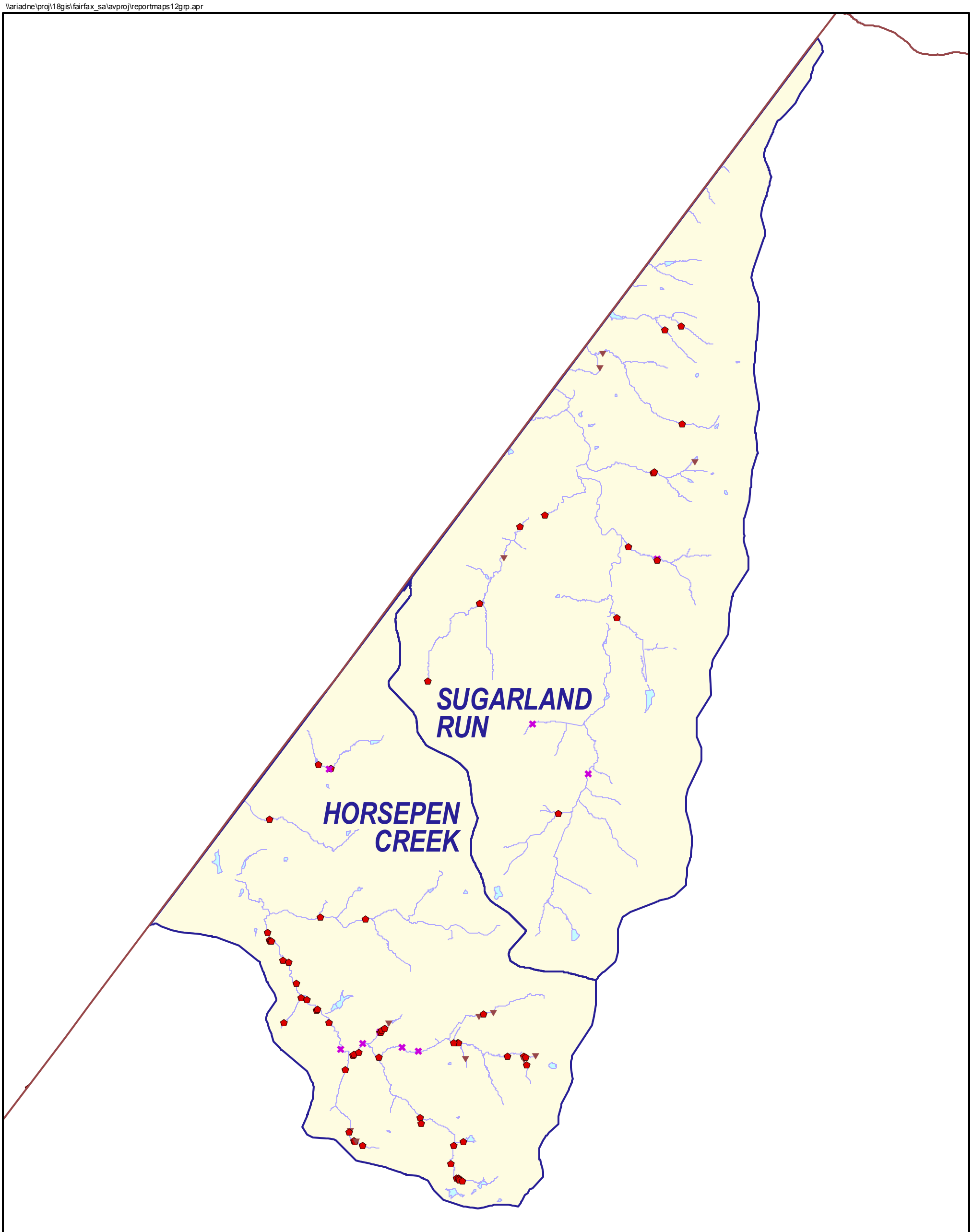


Inventory Types
- Dump
- Obstruction
- Utility

- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

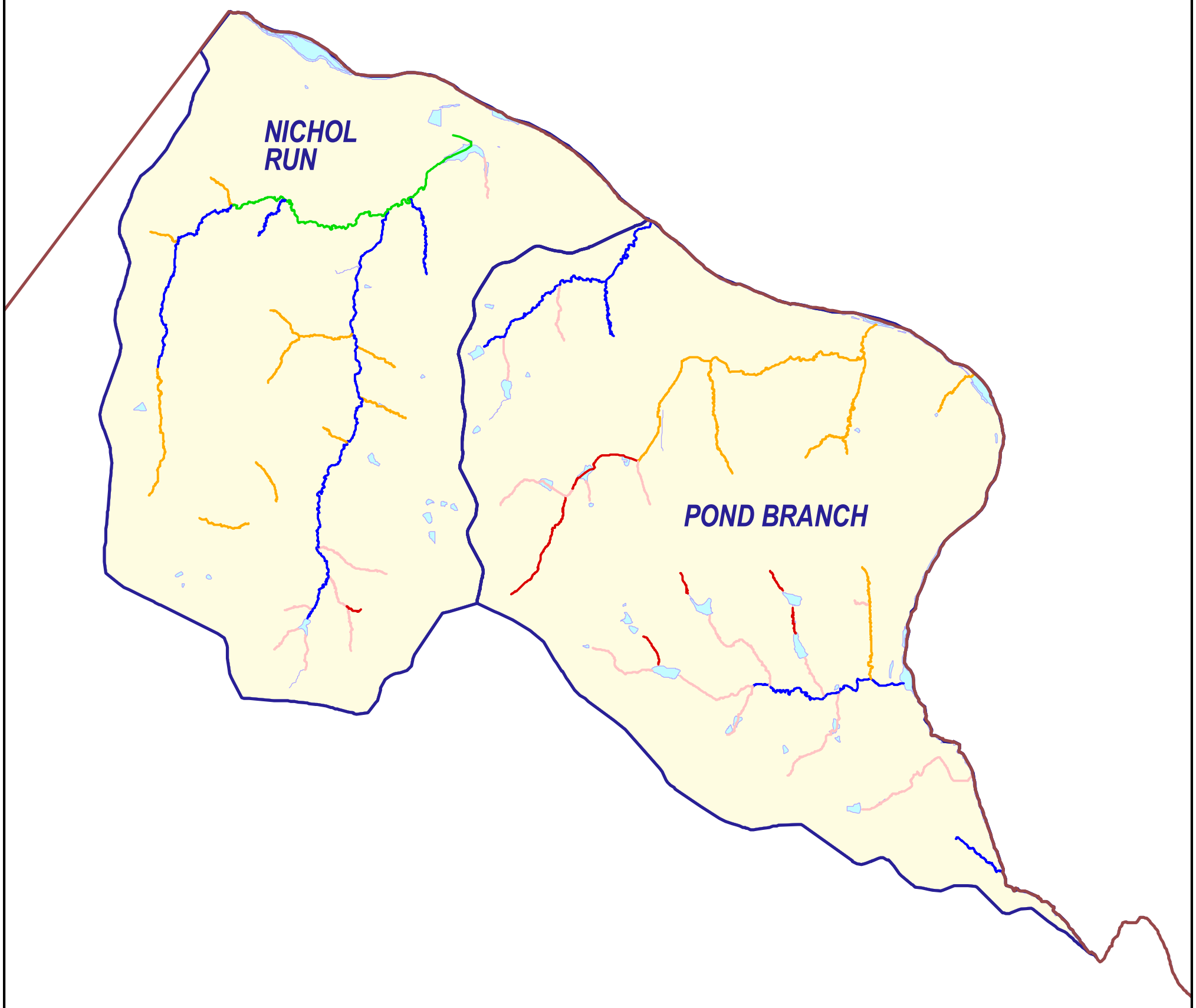
WATERSHED GROUP: SUGARLAND RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-9
Dumps, Obstructions, and Utilities
Sugarland Run Group
Fairfax County Stream Physical Assessment



Fairfax County Boundary
Habitat Rating
Excellent
Good
Fair
Poor
Very Poor
No Habitat Assessment
Lakes and Ponds
Watersheds

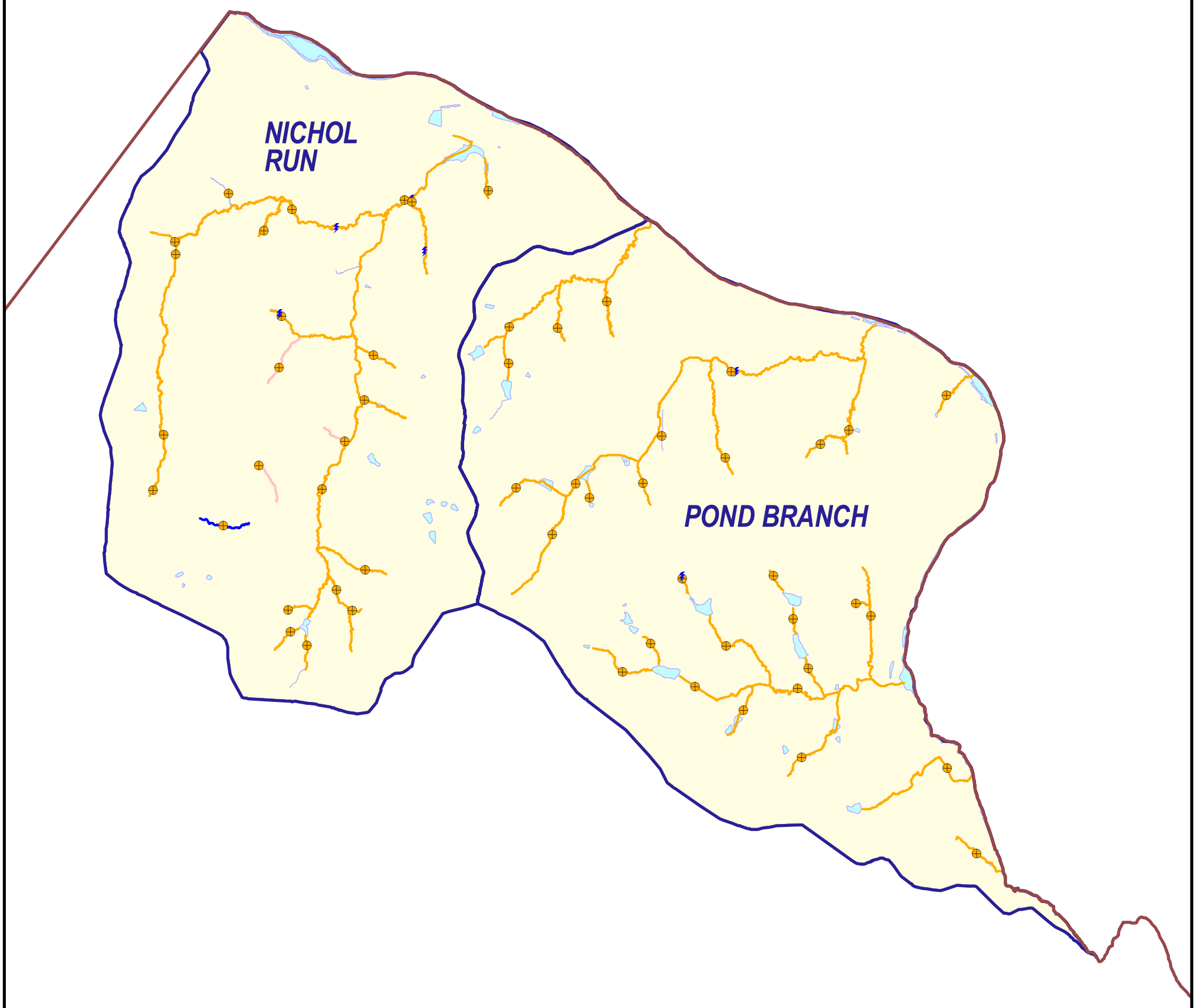
WATERSHED GROUP: UPPER POTOMAC

N

0 2000 4000 6000 8000 Feet

Figure 3-10
Habitat Assessment
Upper Potomac Group
Fairfax County Stream Physical Assessment

CH2MHILL



Inventory Types
- Cross Section
- Head Cut

CEM Stage
- Not Assigned
- 1
- 2
- 3
- 4
- 5
- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

WATERSHED GROUP: UPPER POTOMAC

N

0 2000 4000 6000 8000 Feet

Figure 3-11
CEM Stages
Upper Potomac Group
Fairfax County Stream Physical Assessment

CH2MHILL

Erosion by Impact Score
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Fairfax County Boundary
Lakes and Ponds
Streams
Watersheds

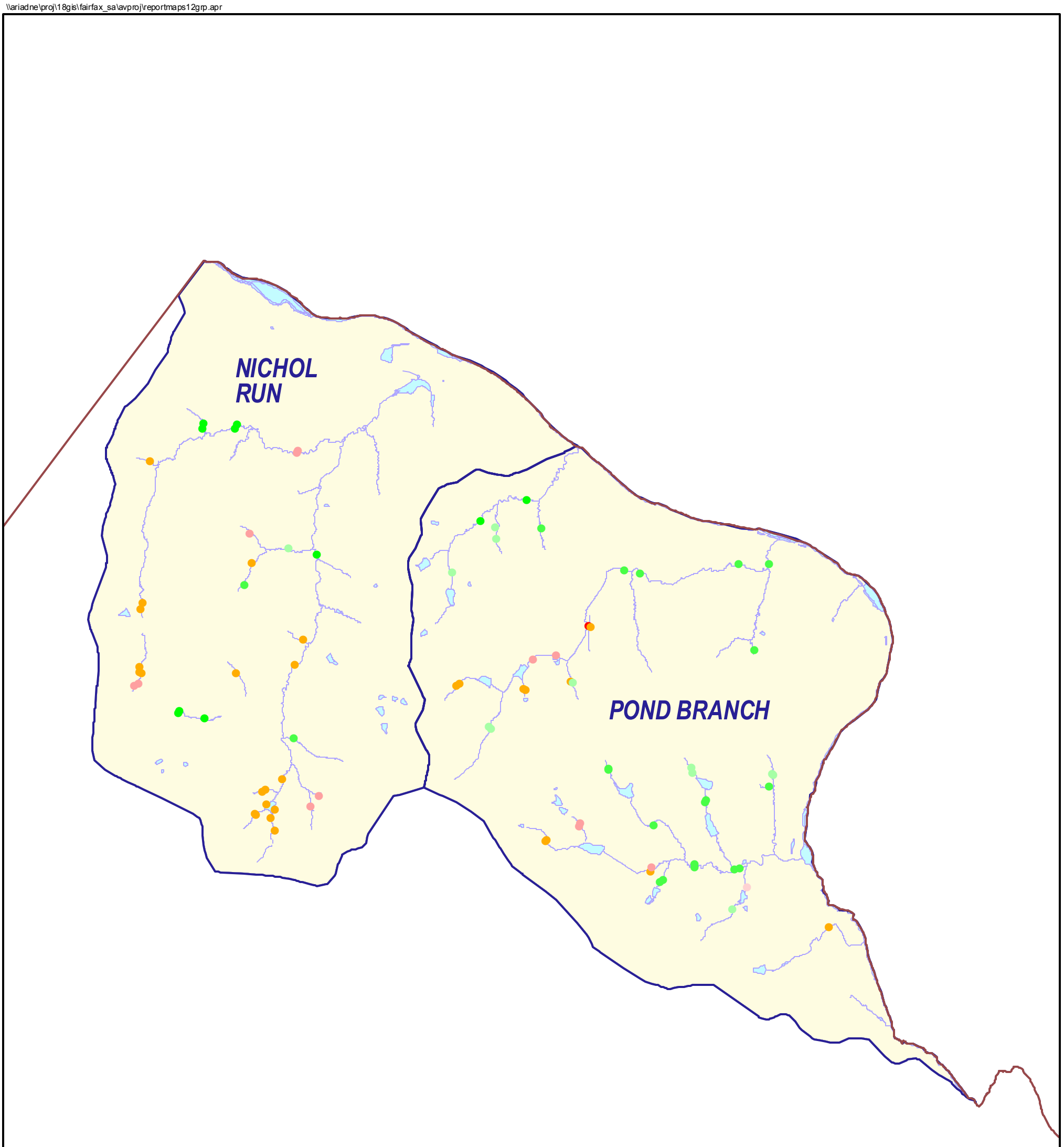
WATERSHED GROUP: UPPER POTOMAC

N

0 2000 4000 6000 8000 Feet

CH2MHILL

Figure 3-12
Erosion Impacts
Upper Potomac Group
Fairfax County Stream Physical Assessment



Deficient Buffer by Impact Score

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Fairfax County Boundary
Lakes and Ponds
Streams
Watersheds

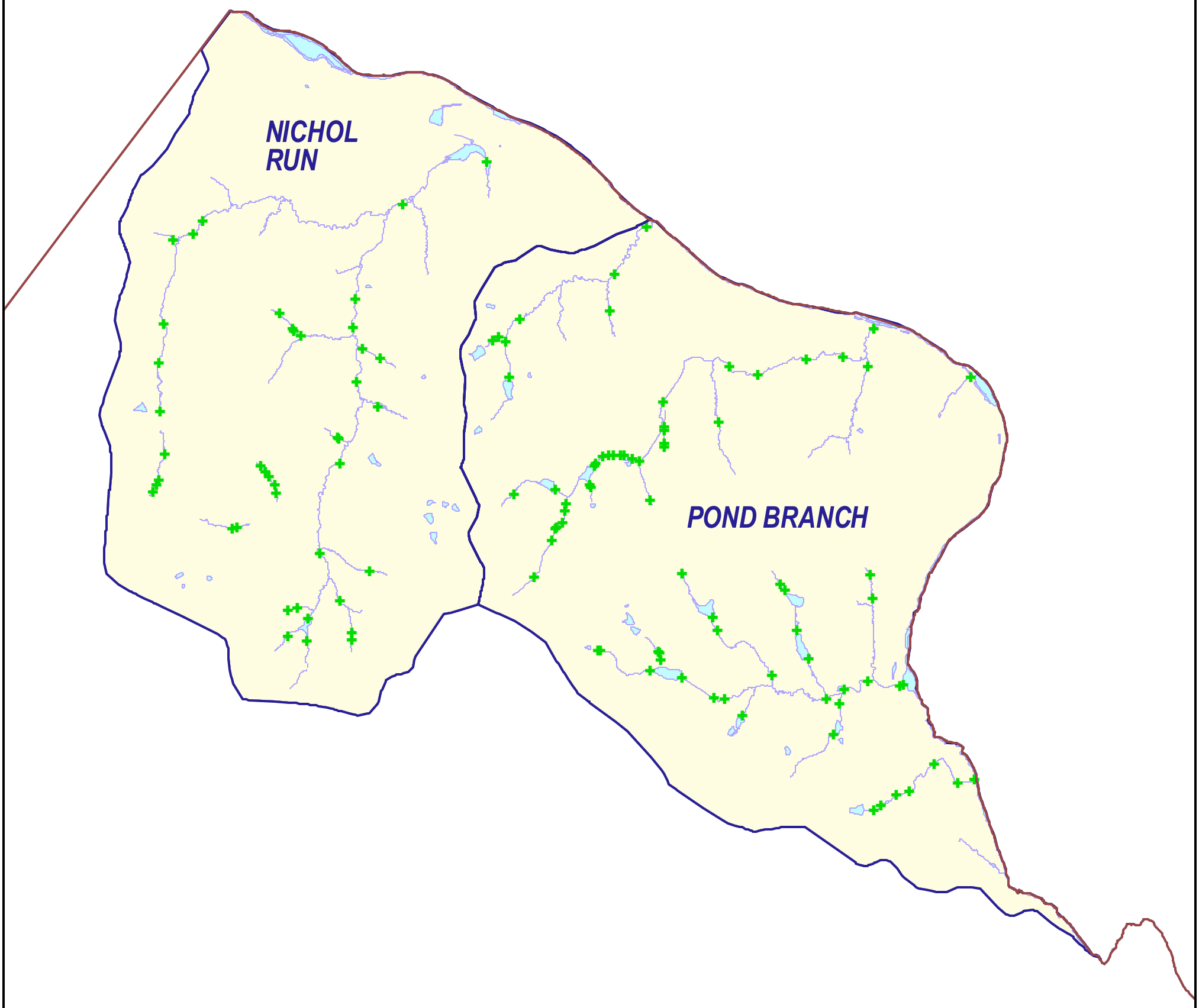
WATERSHED GROUP: UPPER POTOMAC

N

0 2000 4000 6000 8000 Feet

CH2MHILL

Figure 3-13
Deficient Buffer Impacts
Upper Potomac Group
Fairfax County Stream Physical Assessment



Inventory Type
Crossing

Fairfax County Boundary
Lakes and Ponds
Streams
Watersheds

WATERSHED GROUP:
UPPER POTOMAC

N

0 2000 4000 6000 8000 Feet

CH2MHILL

Figure 3-14
Crossings
Upper Potomac Group
Fairfax County Stream Physical Assessment

Pipe / Ditch by Impact Score

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

WATERSHED GROUP: UPPER POTOMAC

N

0 2000 4000 6000 8000 Feet

Figure 3-15
Pipe and Ditch Impacts
Upper Potomac Group
Fairfax County Stream Physical Assessment

CH2MHILL

Inventory Types
- Dump
- Obstruction
- Utility

- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

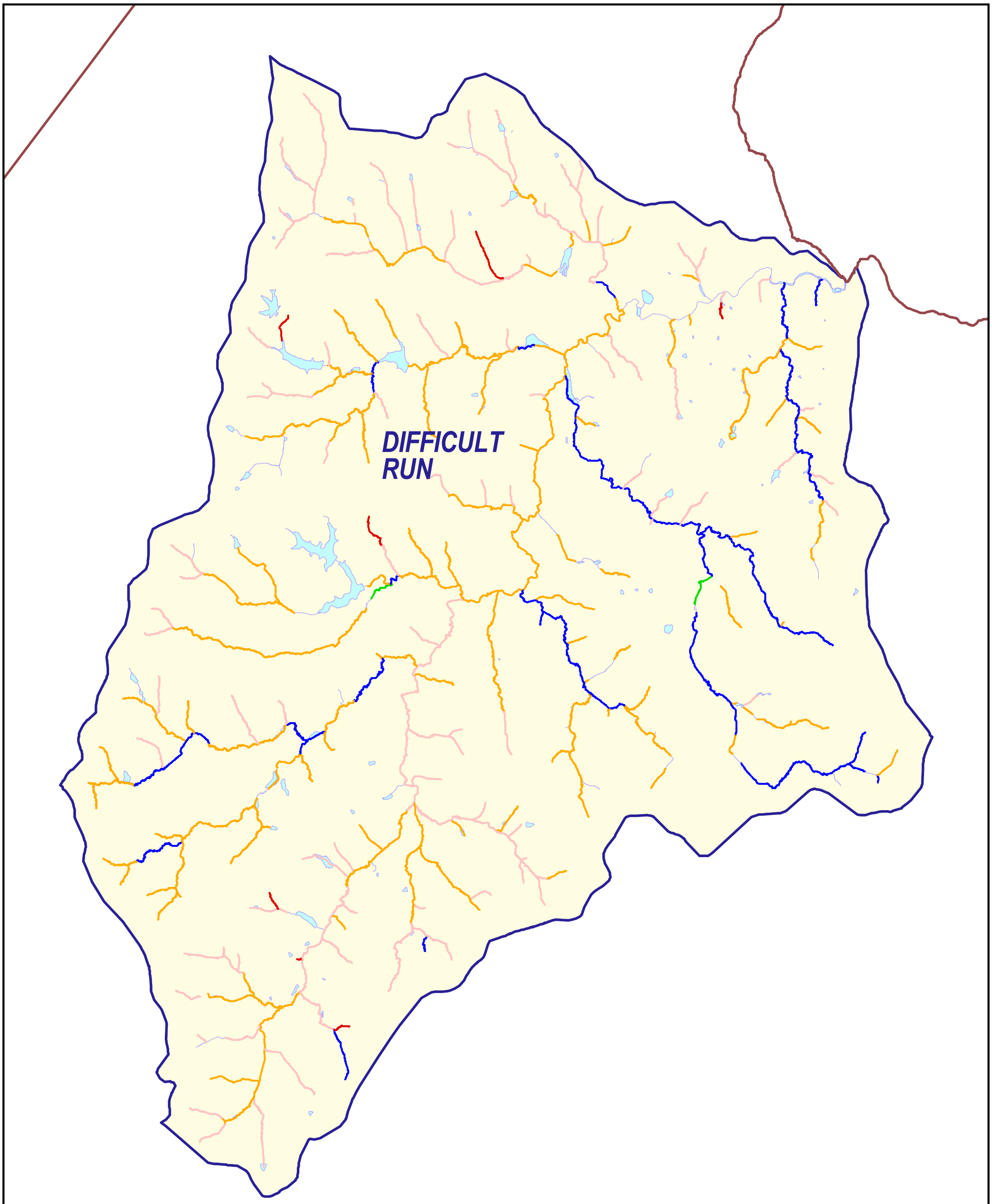
WATERSHED GROUP: UPPER POTOMAC

N

0 2000 4000 6000 8000 Feet

Figure 3-16
Dumps, Obstructions, and Utilities
Upper Potomac Group
Fairfax County Stream Physical Assessment

CH2MHILL



Fairfax County Boundary

Habitat Rating

- Excellent
- Good
- Fair
- Poor
- Very Poor
- No Habitat Assessment
- Lakes and Ponds
- Watersheds

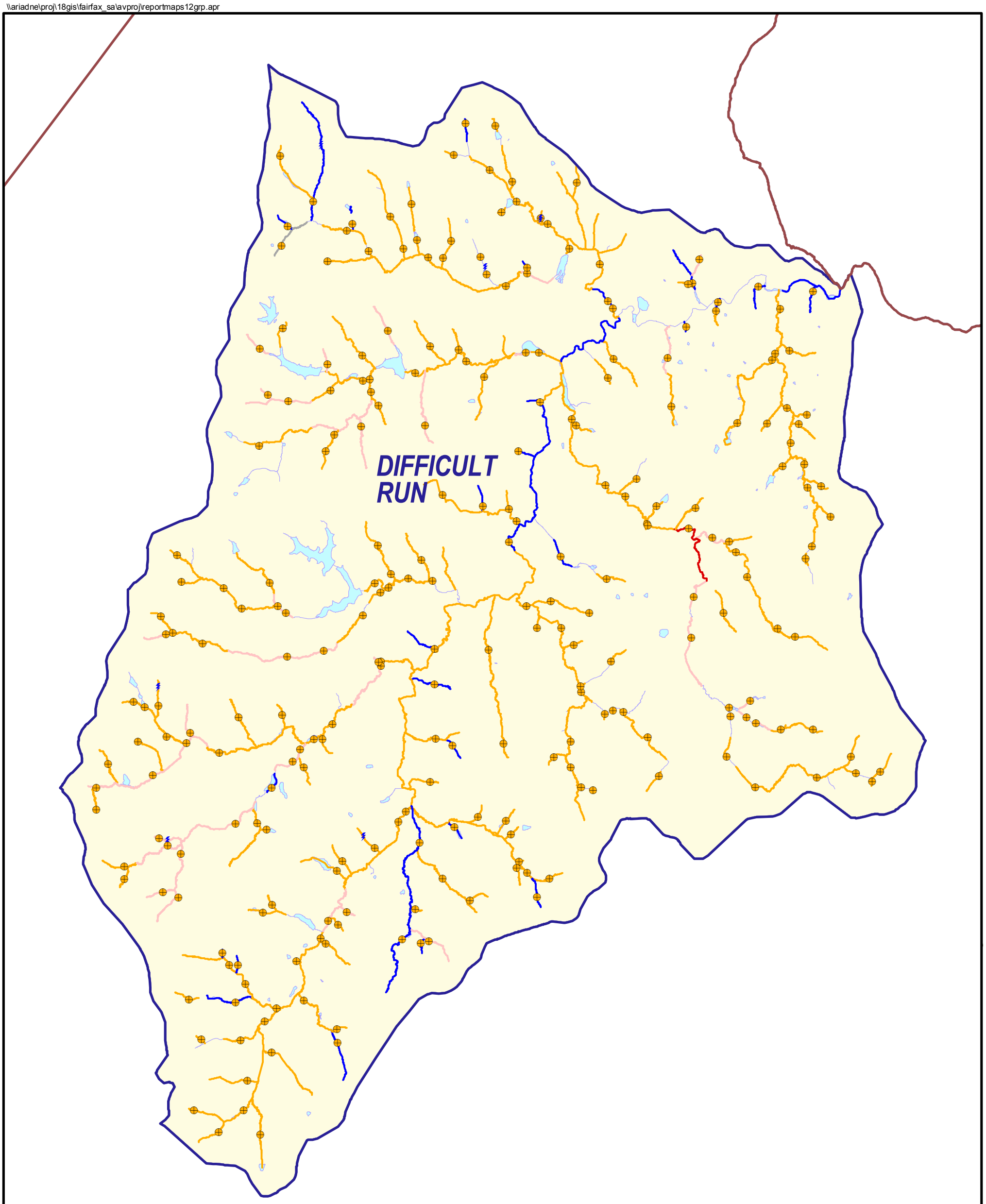
WATERSHED GROUP:
DIFFICULT RUN

N

0 3000 6000 9000 12000 Feet

Figure 3-17
Habitat Assessment
Difficult Run
Fairfax County Stream Physical Assessment

CH2MHILL



Inventory Types
- Cross Section
- Head Cut

CEM Stage
- Not Assigned
- 1
- 2
- 3
- 4
- 5
- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

WATERSHED GROUP:
DIFFICULT RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-18
CEM Stages
Difficult Run
Fairfax County Stream Physical Assessment

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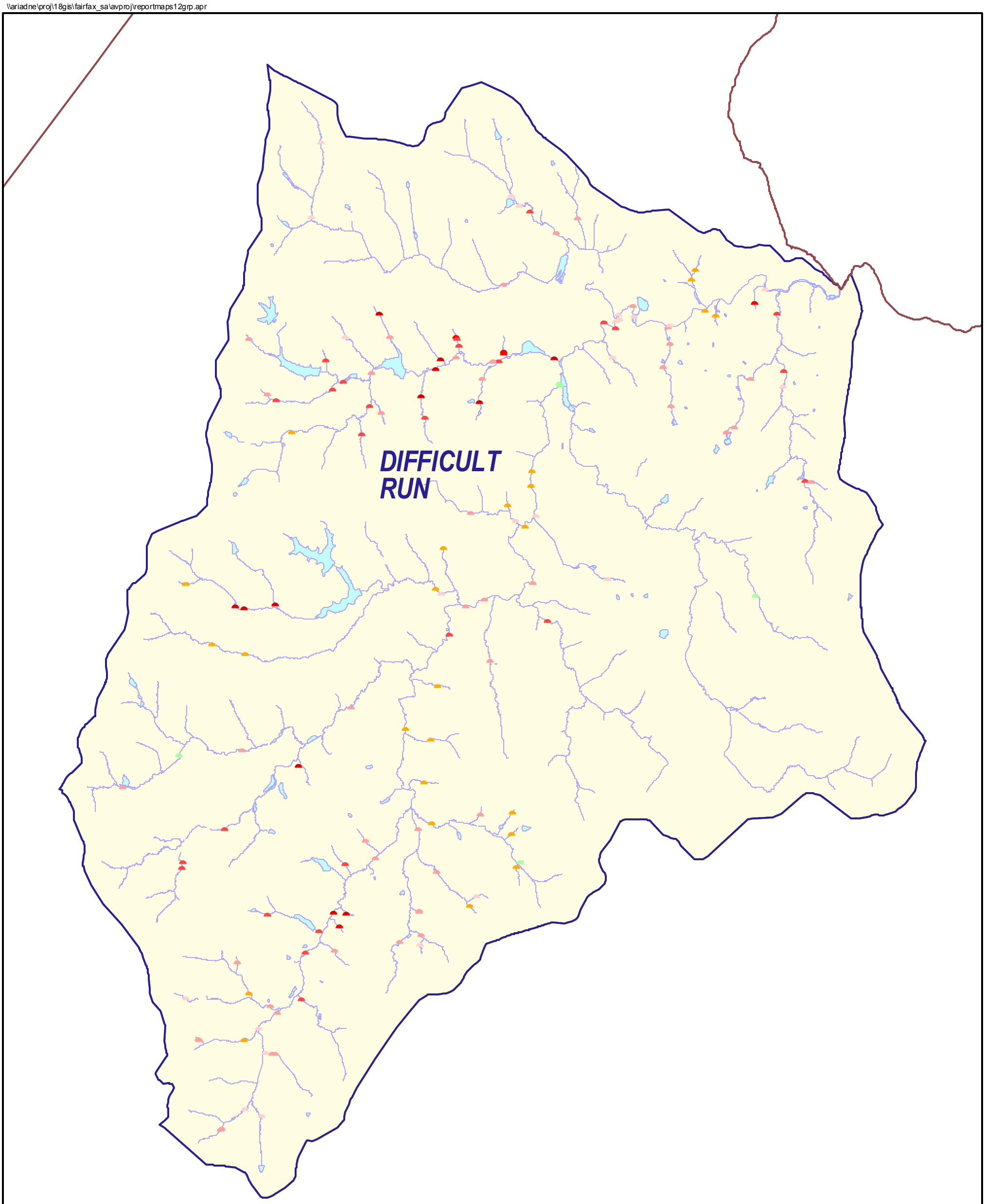

Erosion by Impact Score

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Fairfax County Boundary
Lakes and Ponds
Streams
Watersheds

WATERSHED GROUP:
DIFFICULT RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-19
Erosion Impacts
Difficult Run
Fairfax County Stream Physical Assessment

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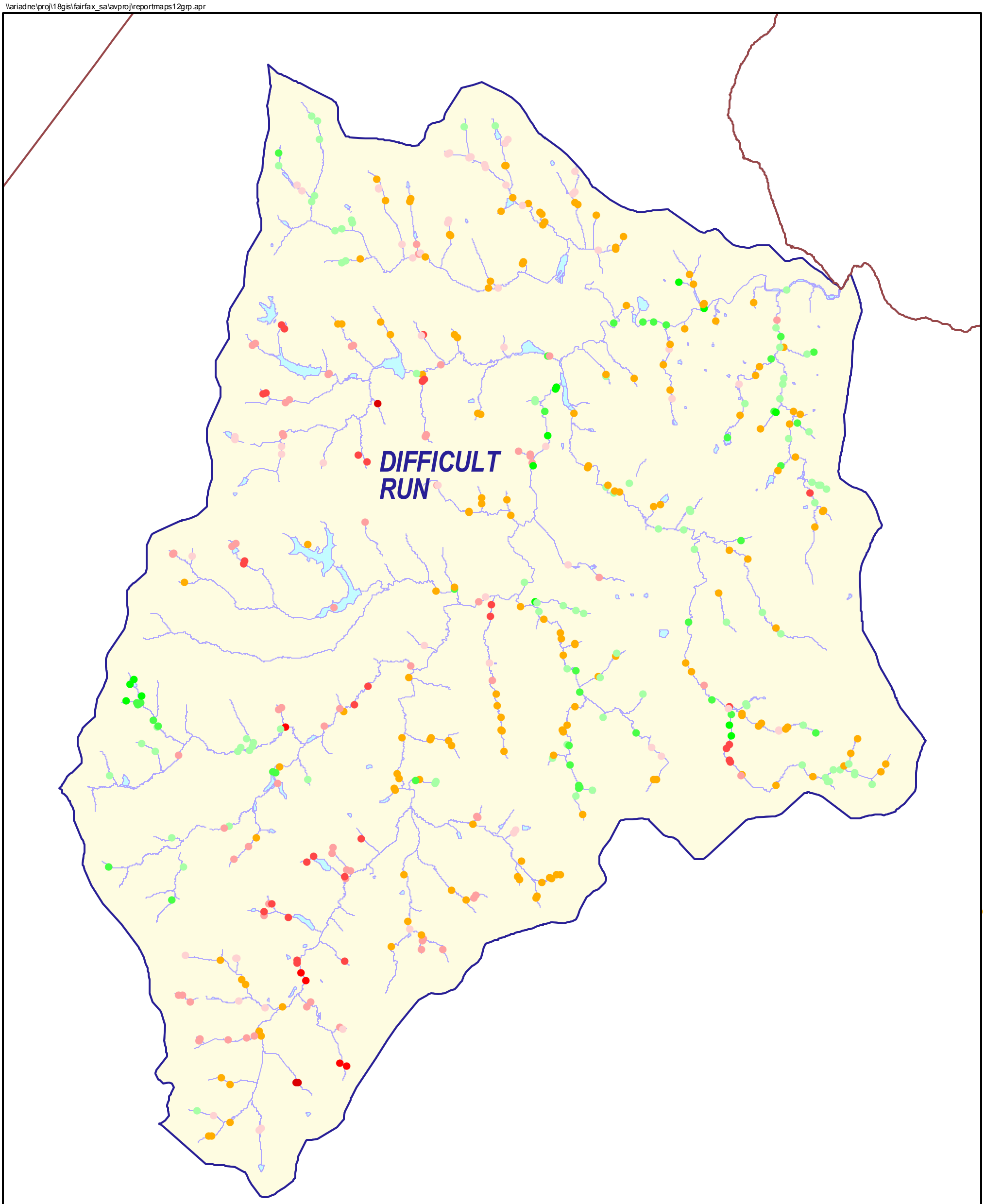

Deficient Buffer by Impact Score

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Fairfax County Boundary
Lakes and Ponds
Streams
Watersheds

WATERSHED GROUP:
DIFFICULT RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-20
Deficient Buffer Impacts
Difficult Run
Fairfax County Stream Physical Assessment

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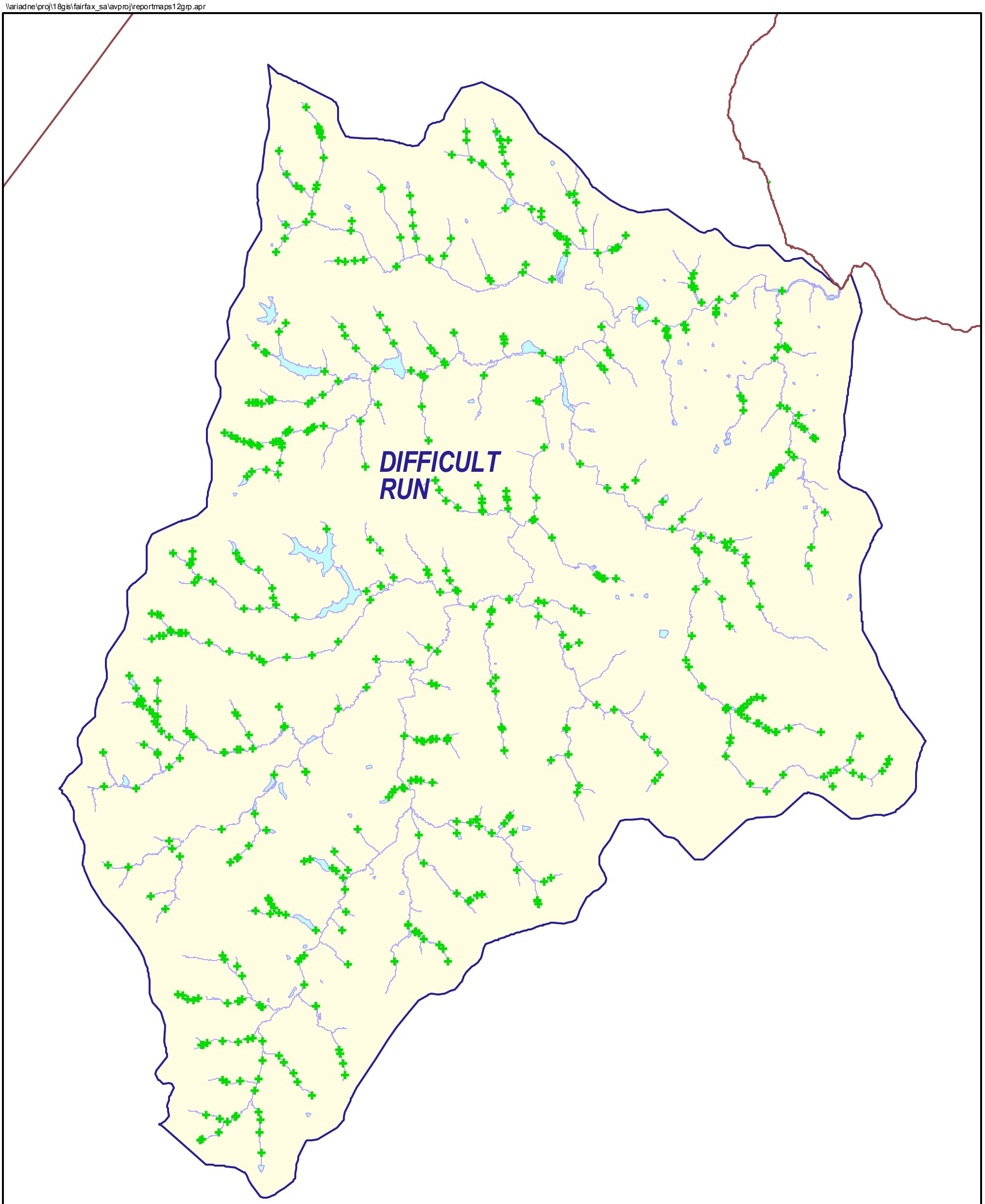

WATERSHED GROUP:
DIFFICULT RUN

Figure 3-21
Crossings
Difficult Run
Fairfax County Stream Physical Assessment

Inventory Type
- Crossing

- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

N

0 3000 6000 9000 12000 Feet

CH2MHILL

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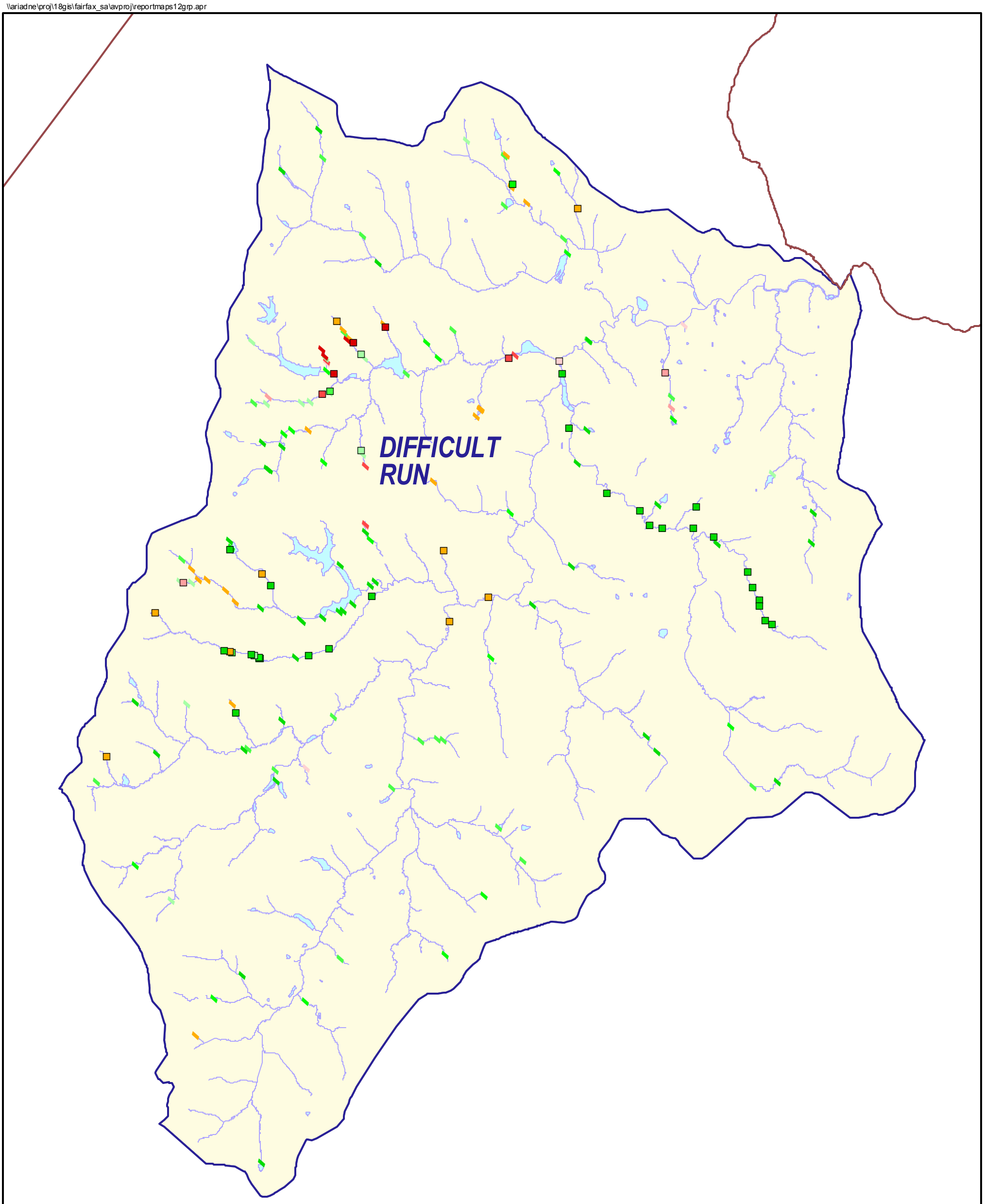

Pipe / Ditch by Impact Score

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

WATERSHED GROUP:
DIFFICULT RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-22
Pipe and Ditch Impacts
Difficult Run
Fairfax County Stream Physical Assessment

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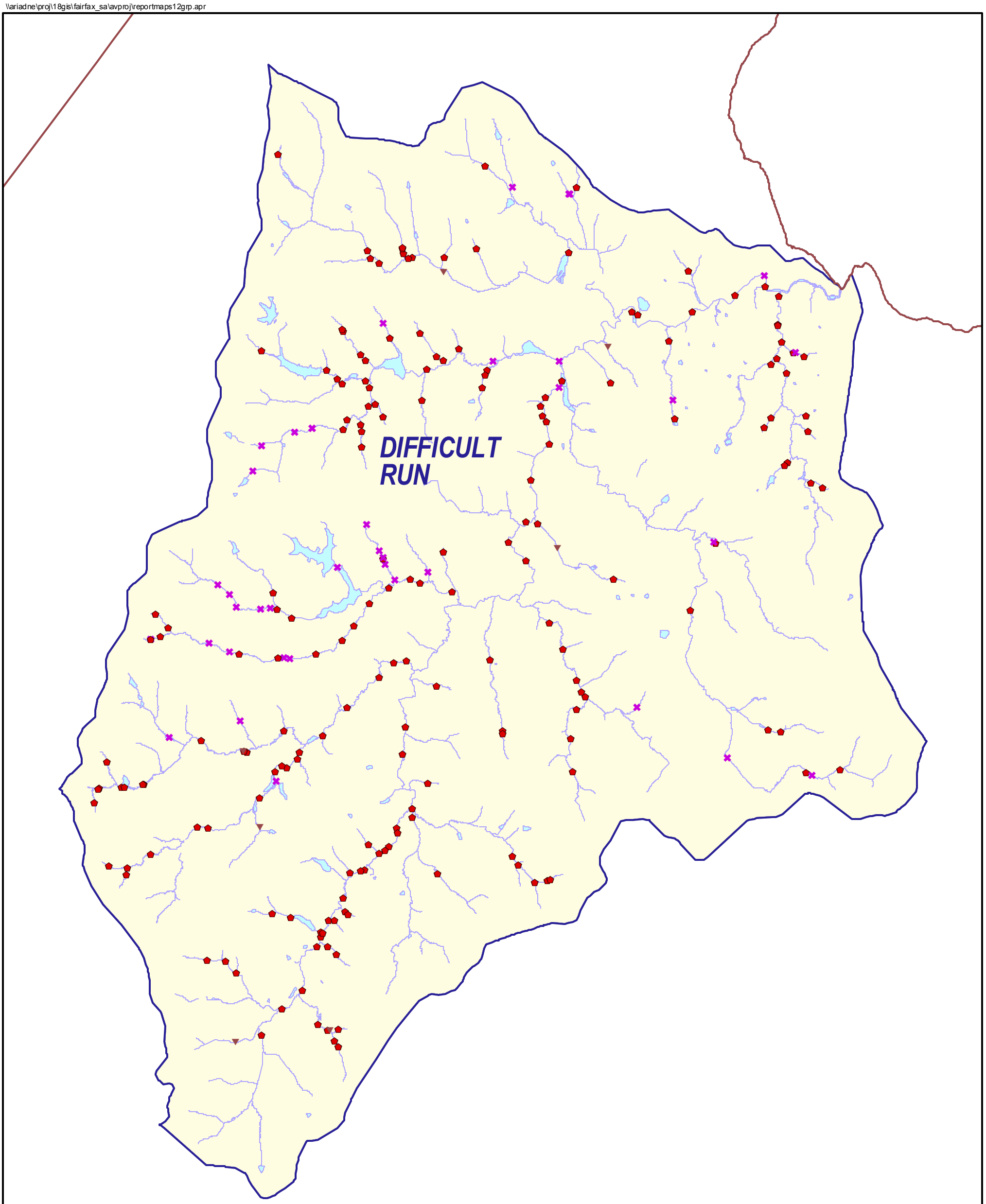


Inventory Types
- Dump
- Obstruction
- Utility

- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

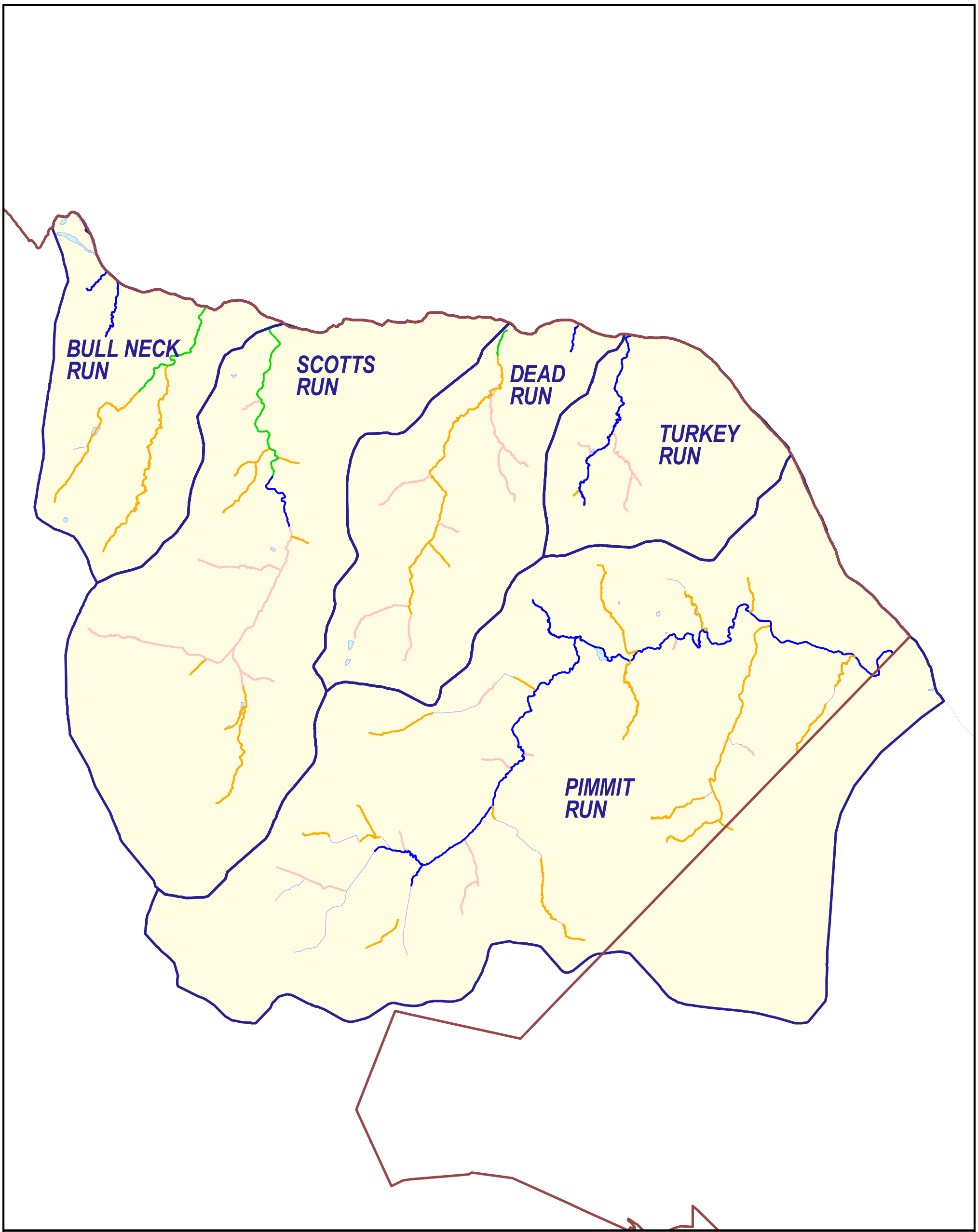
WATERSHED GROUP:
DIFFICULT RUN

N

0 3000 6000 9000 12000 Feet

CH2MHILL

Figure 3-23
Dumps, Obstructions, and Utilities
Difficult Run
Fairfax County Stream Physical Assessment



Fairfax County Boundary

Habitat Rating

- Excellent
- Good
- Fair
- Poor
- Very Poor
- No Habitat Assessment
- Lakes and Ponds
- Watersheds

WATERSHED GROUP: MIDDLE POTOMAC

N

0 2000 4000 6000 8000 Feet

Figure 3-24
Habitat Assessment
Middle Potomac Group
Fairfax County Stream Physical Assessment

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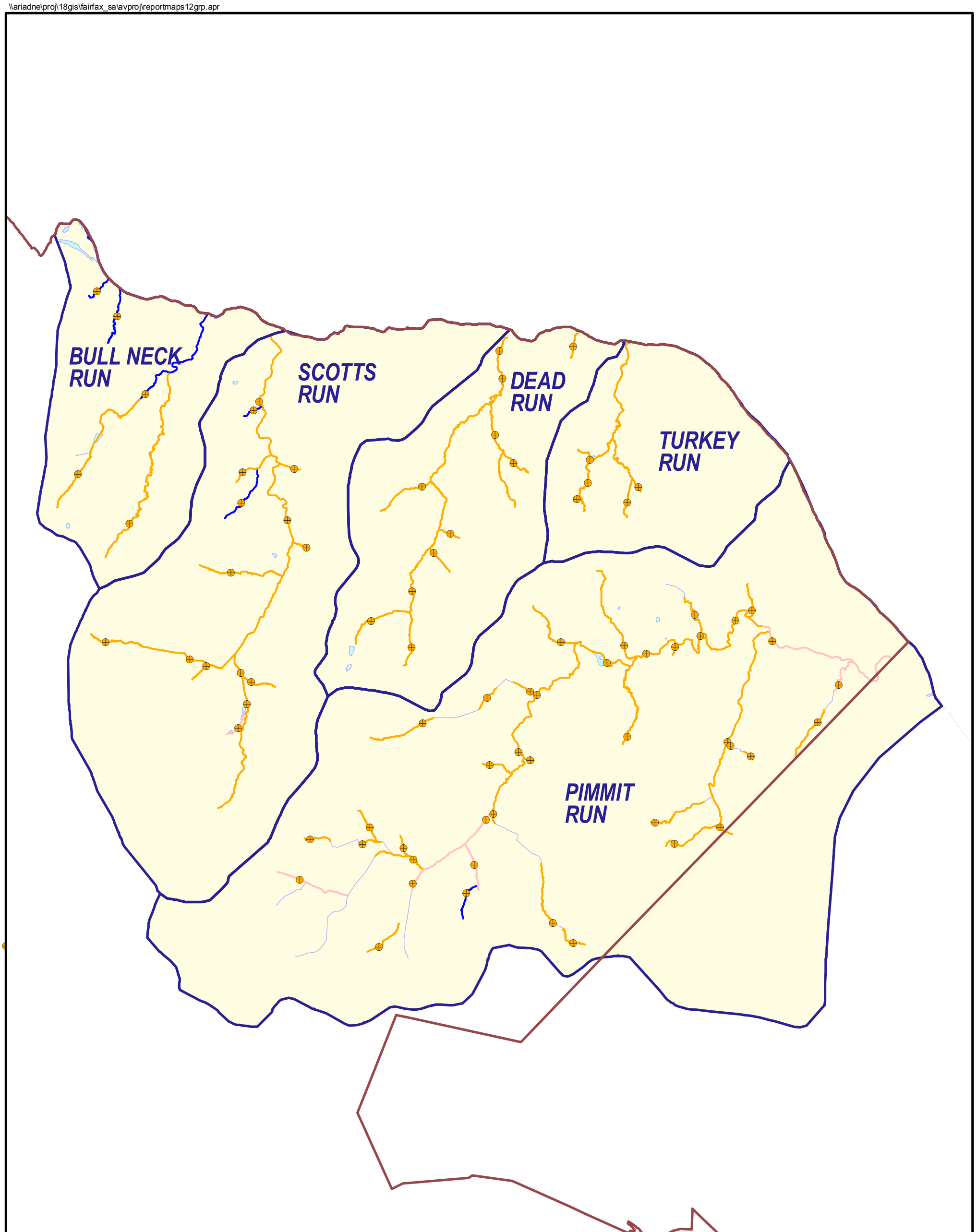

Inventory Types
- Cross Section
- Head Cut

CEM Stage
- Not Assigned
- 1
- 2
- 3
- 4
- 5
- Fairfax County Boundary
- Lakes and Ponds
- Streams
- Watersheds

WATERSHED GROUP: MIDDLE POTOMAC

N

0 2000 4000 6000 8000 Feet

CH2MHILL

Figure 3-25
CEM Stages
Middle Potomac Group
Fairfax County Stream Physical Assessment