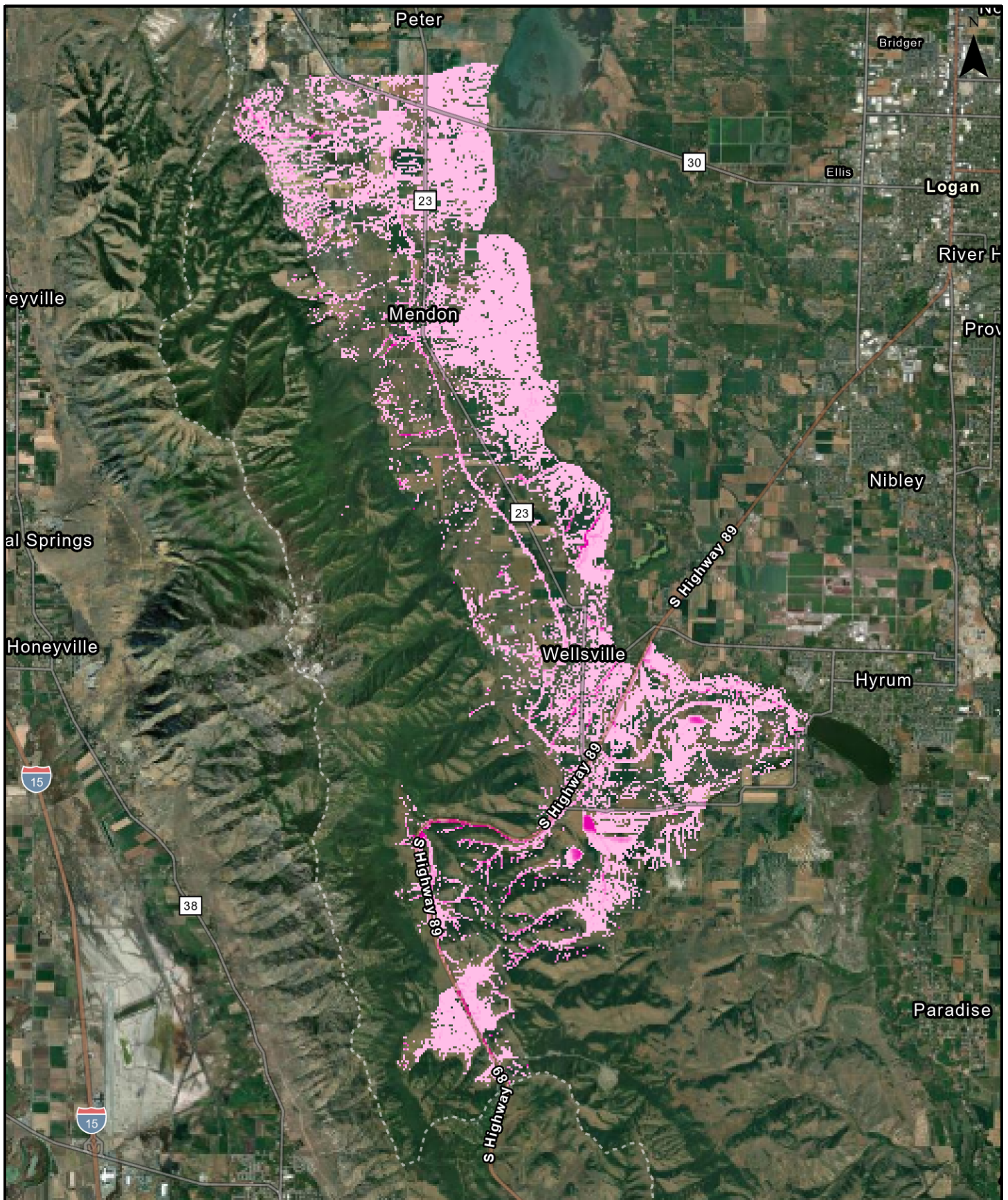
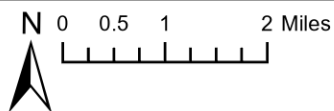

APPENDIX C:

Support Maps

- **Existing Conditions Flood Inundation Area: 2-, 5-, 10-, 25-, 50-, 200-, & 500-Year Storms, Max Impact Maps**
- **Piping Alternative Flood Inundation Area: 2-, 5-, 10-, 25-, 50-, 200-, & 500-Year Storms, Max Impact Maps**
- **Lining & Buyouts Alternative Flood Inundation Area: 2-, 5-, 10-, 25-, 50-, 200-, & 500-Year Storms, Max Impact Maps**
- **2022 Cropping Patterns Map (Also Included in Crop Yields Technical Memorandum in Appendix E)**



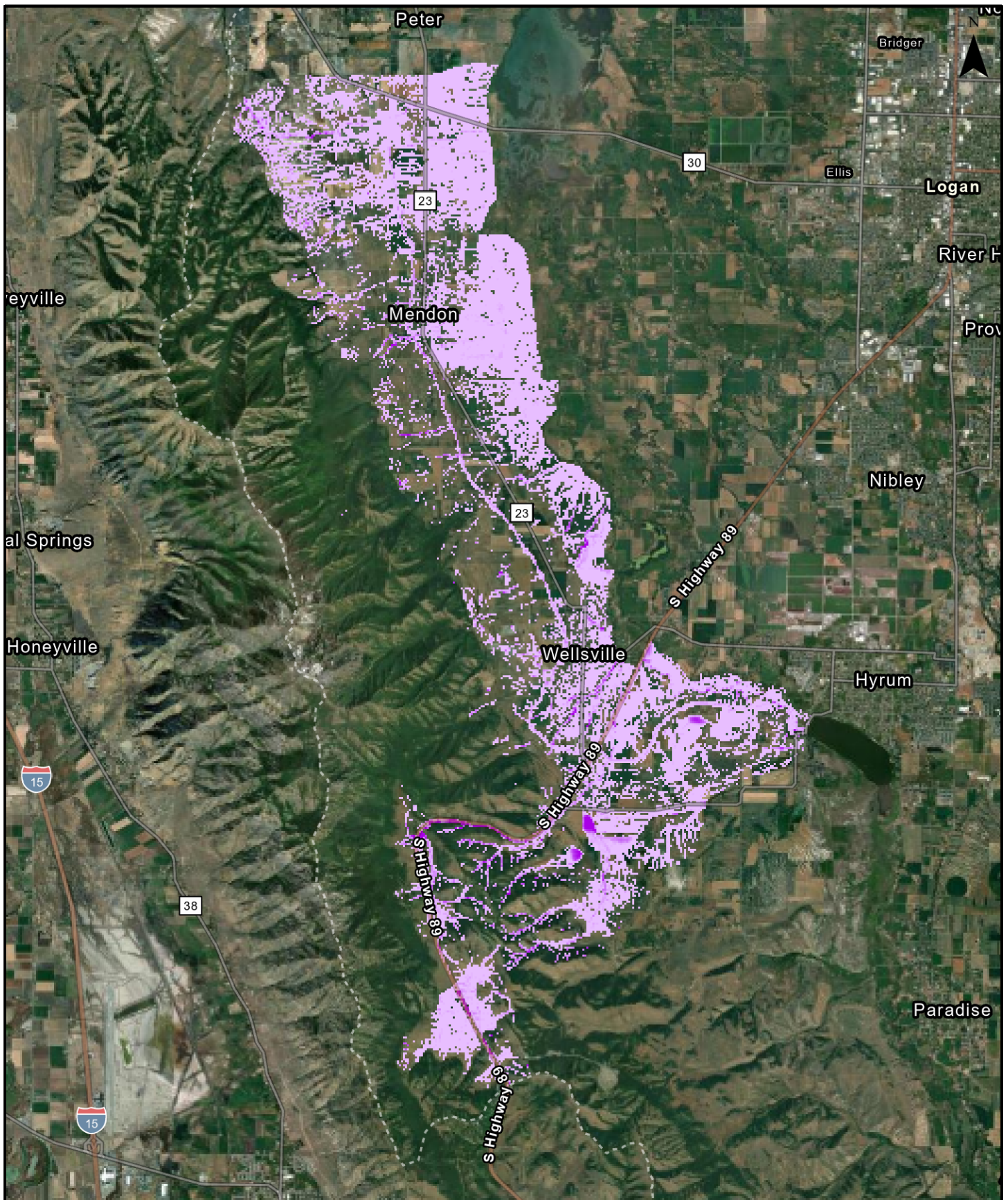
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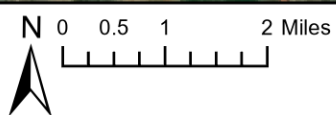
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Existing Conditions - 2 year event

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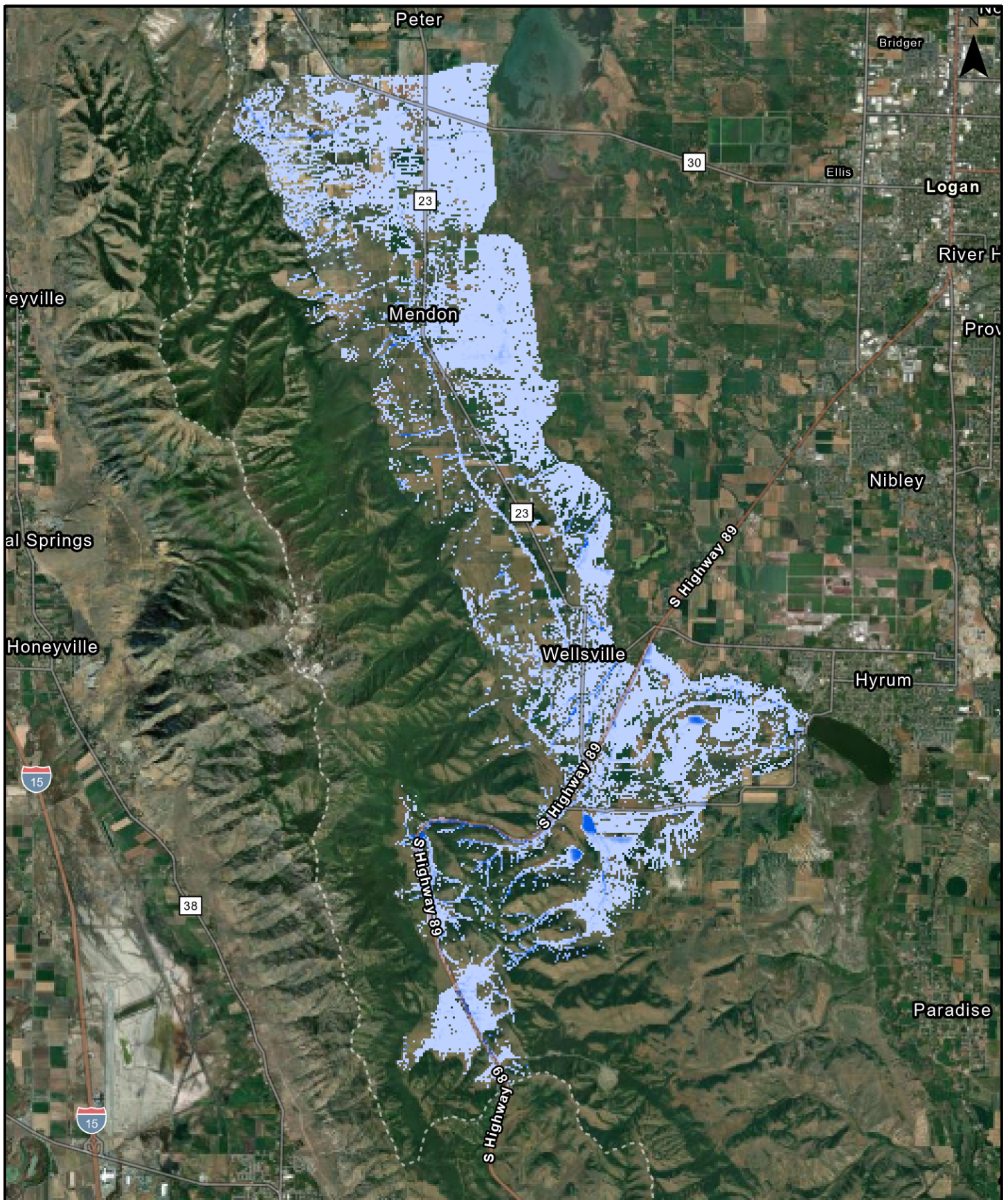
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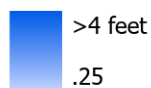
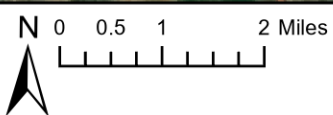
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Existing Conditions - 5 year event

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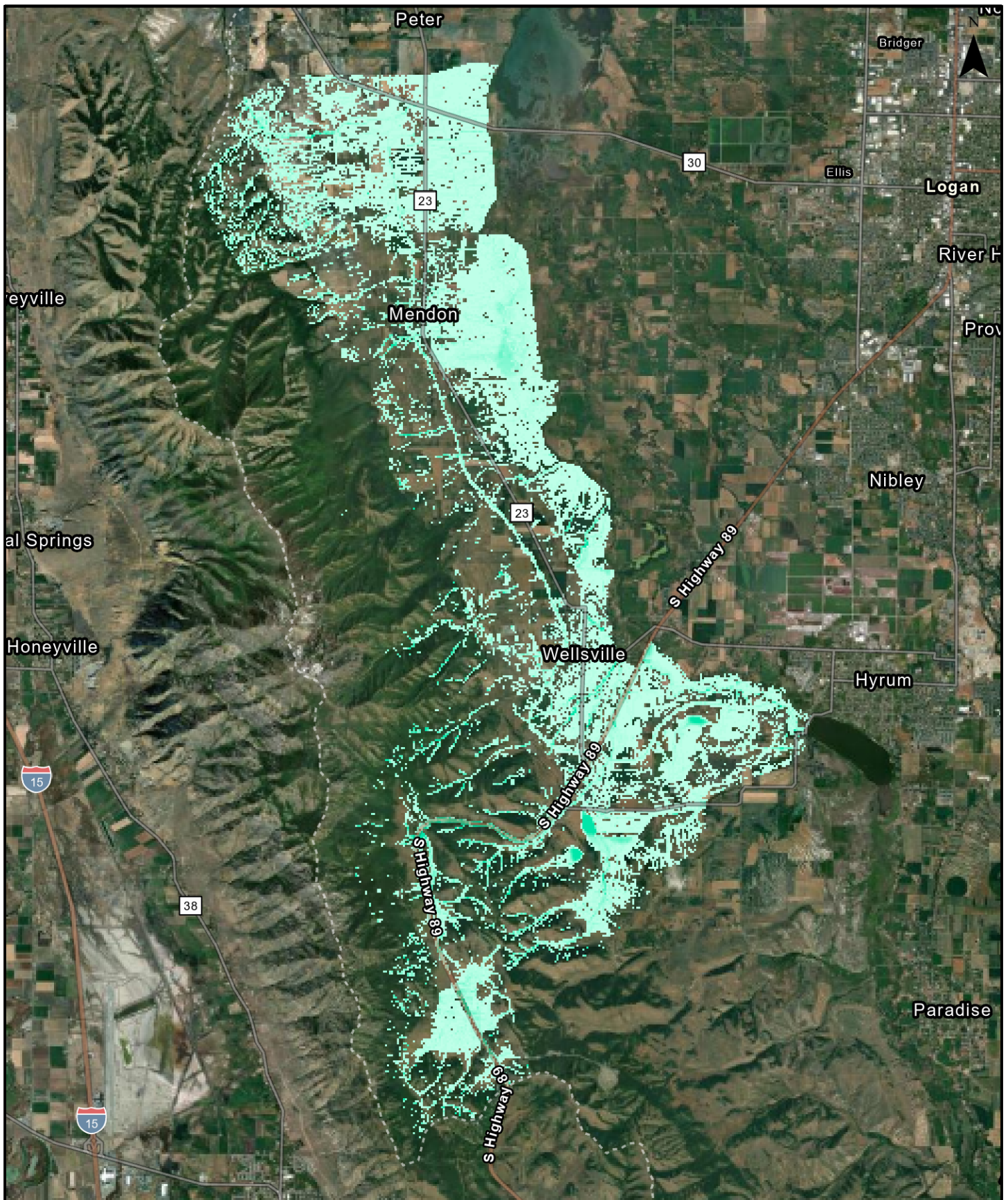
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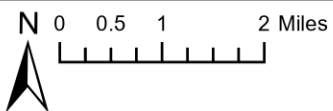
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Existing Conditions - 10 year event

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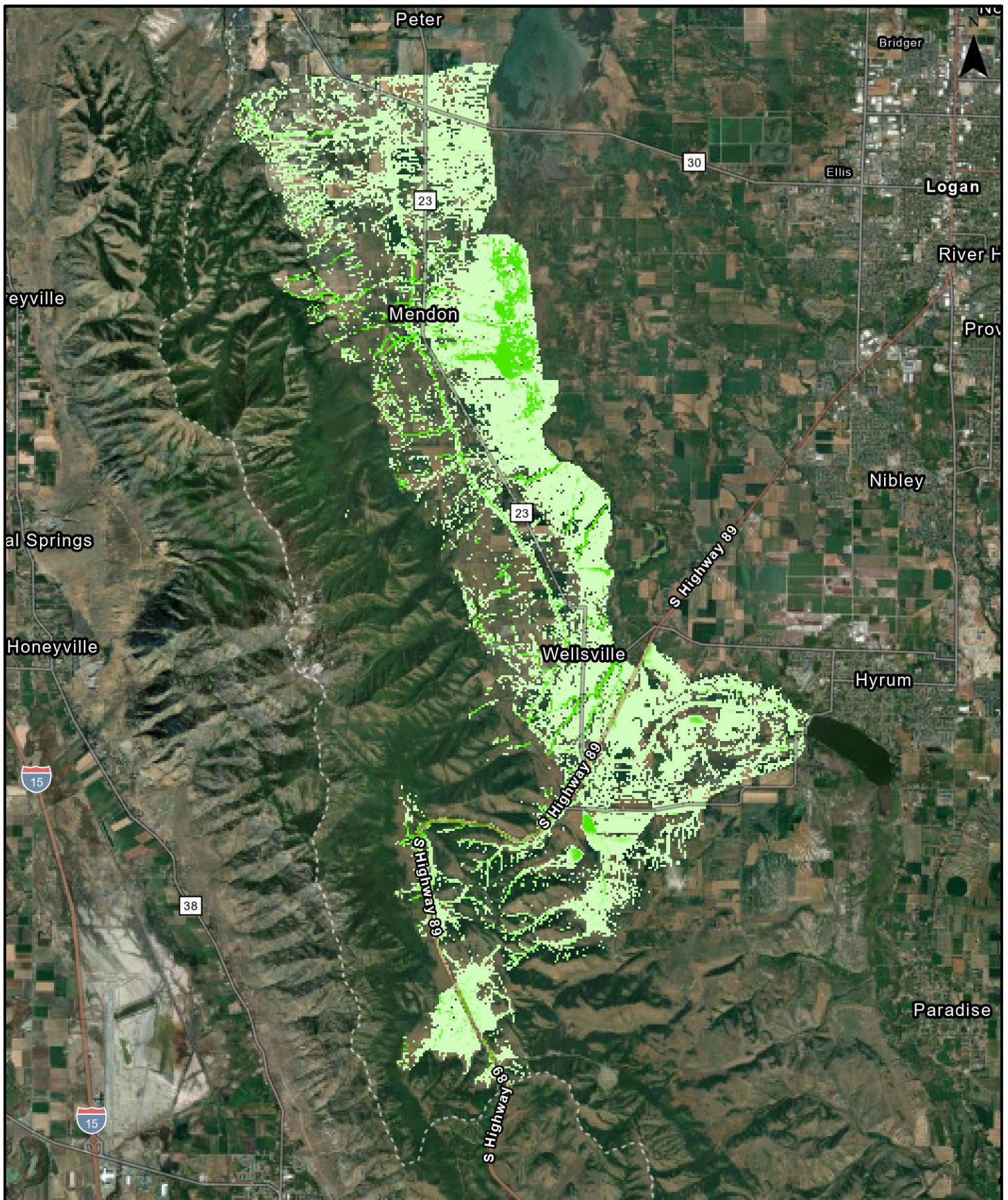
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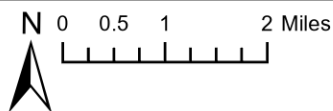
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Existing Conditions - 25 year event

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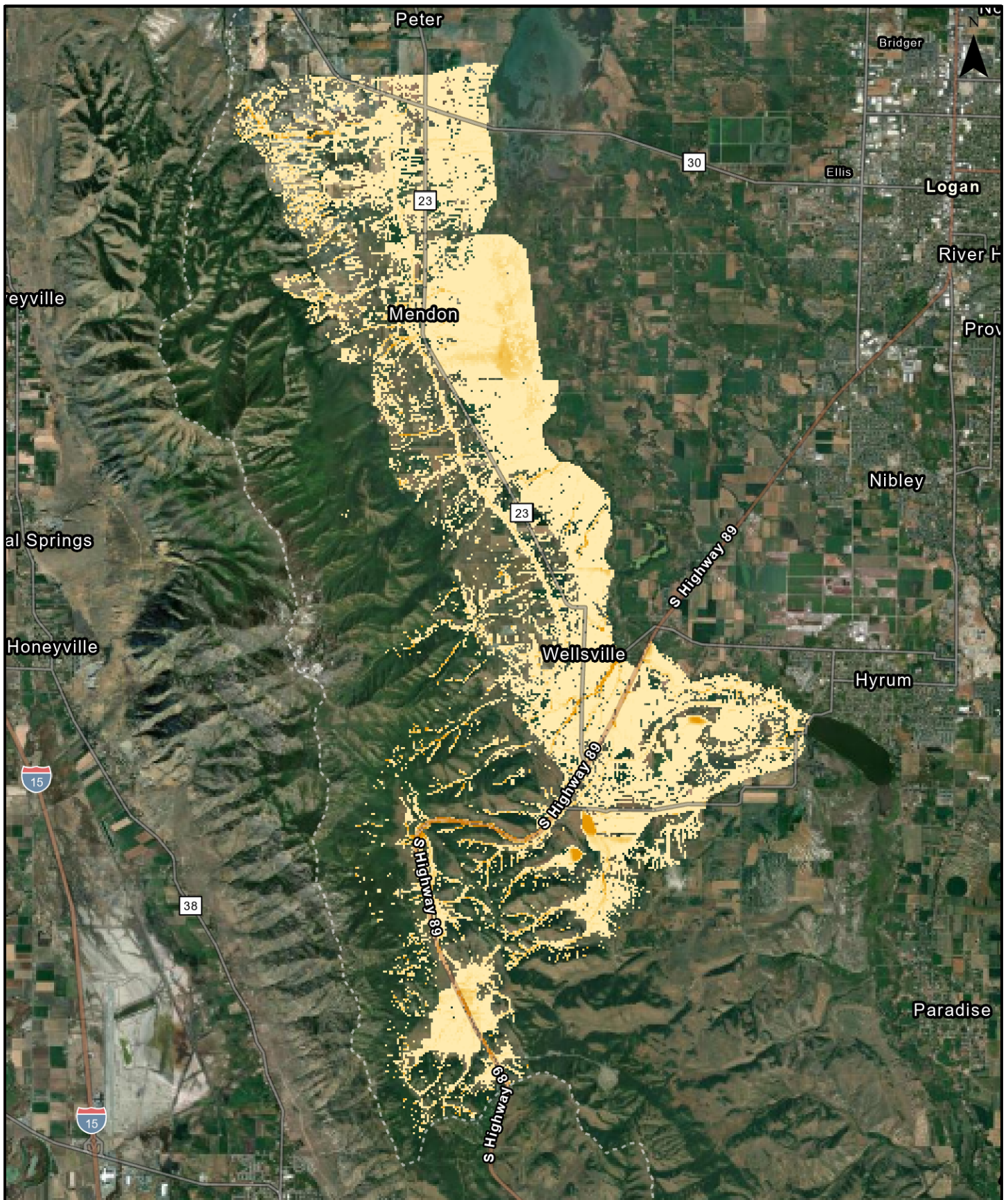
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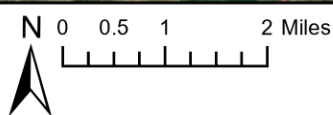
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Existing Conditions - 50 year event

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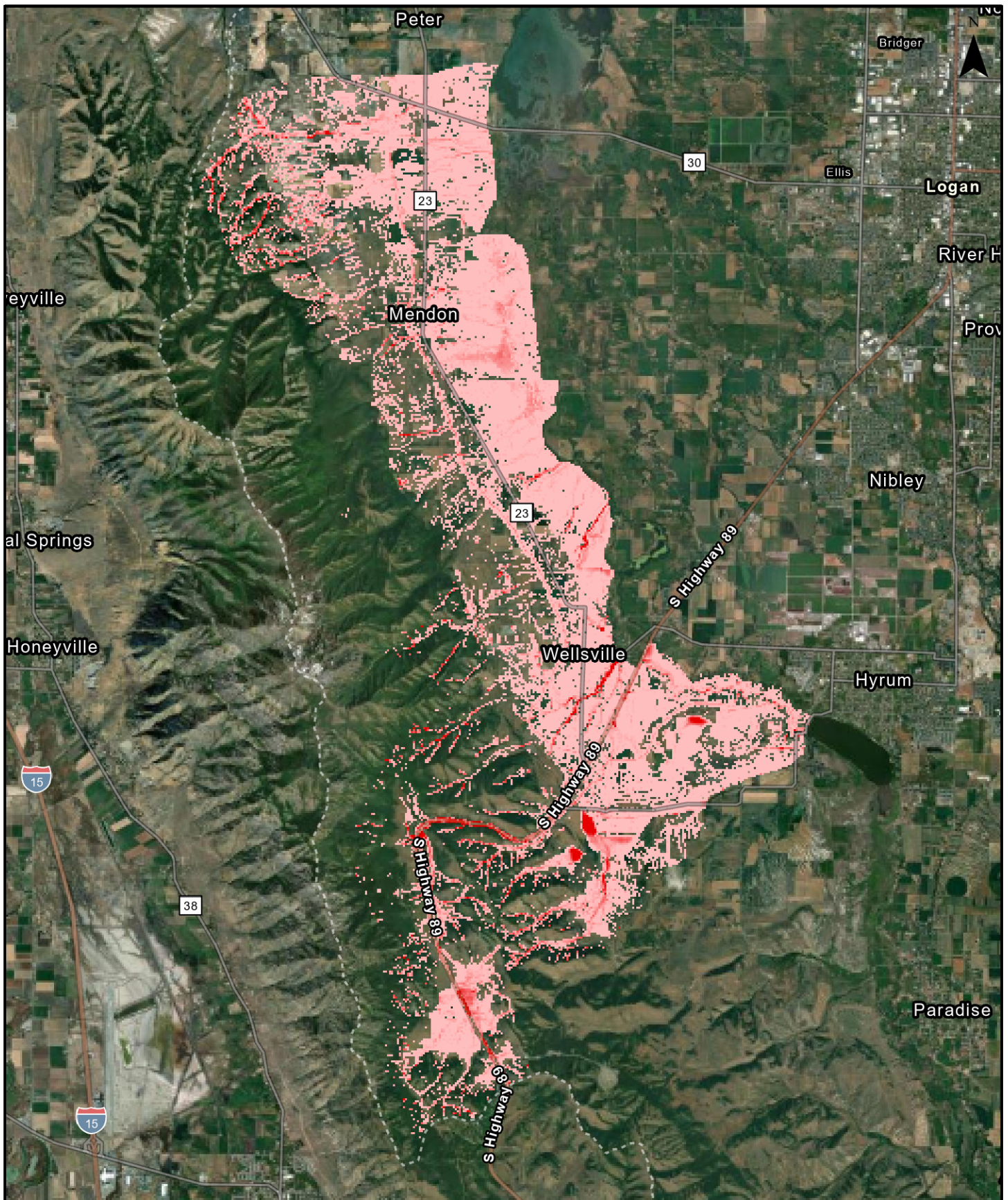
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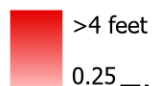
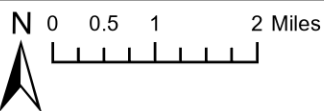
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Existing Conditions - 200 year event

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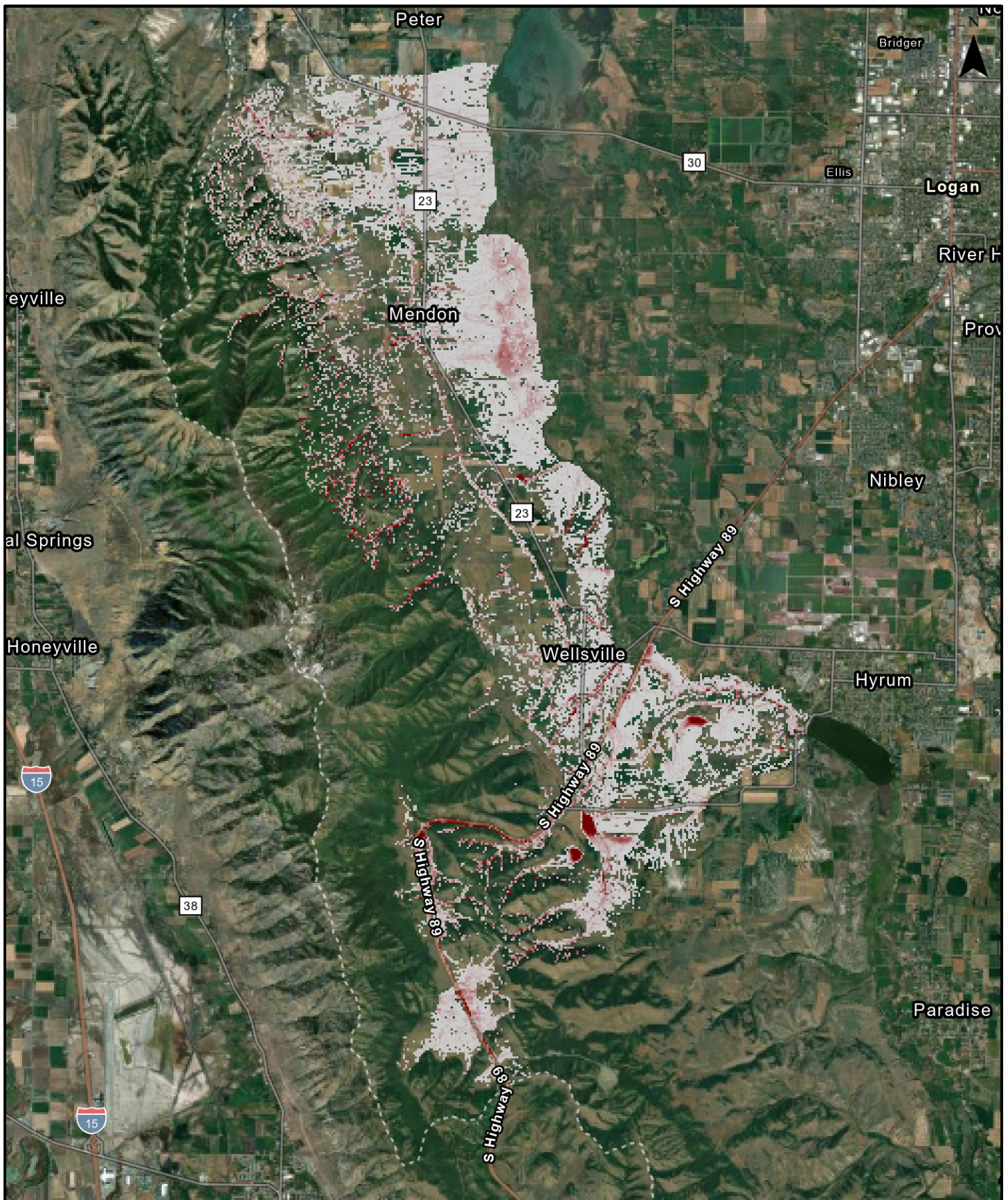
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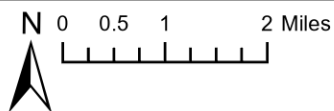
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Existing Conditions - 500 year event

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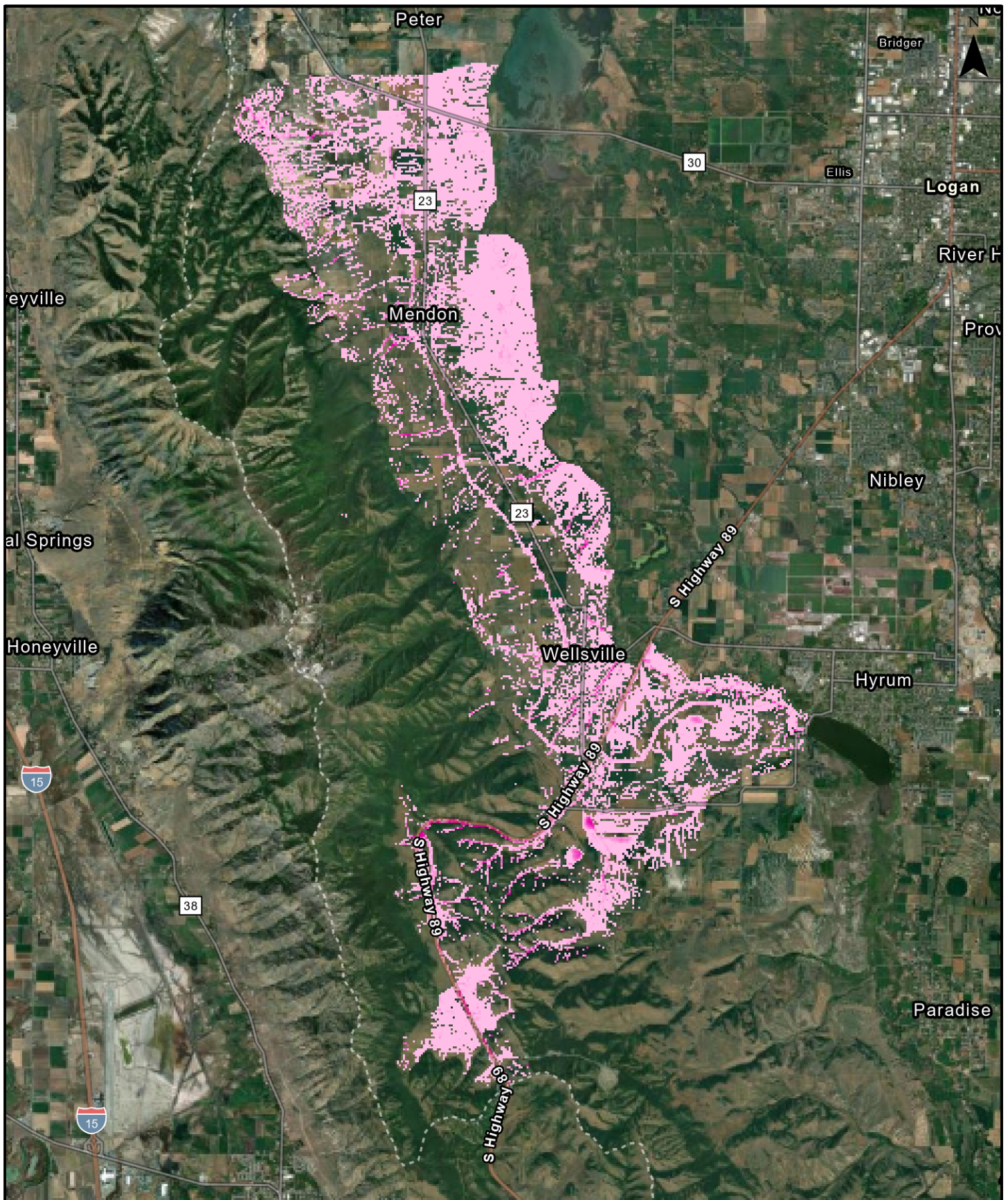
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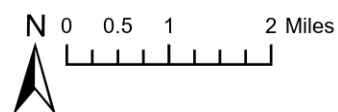
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: 2017 Rain on Snow event

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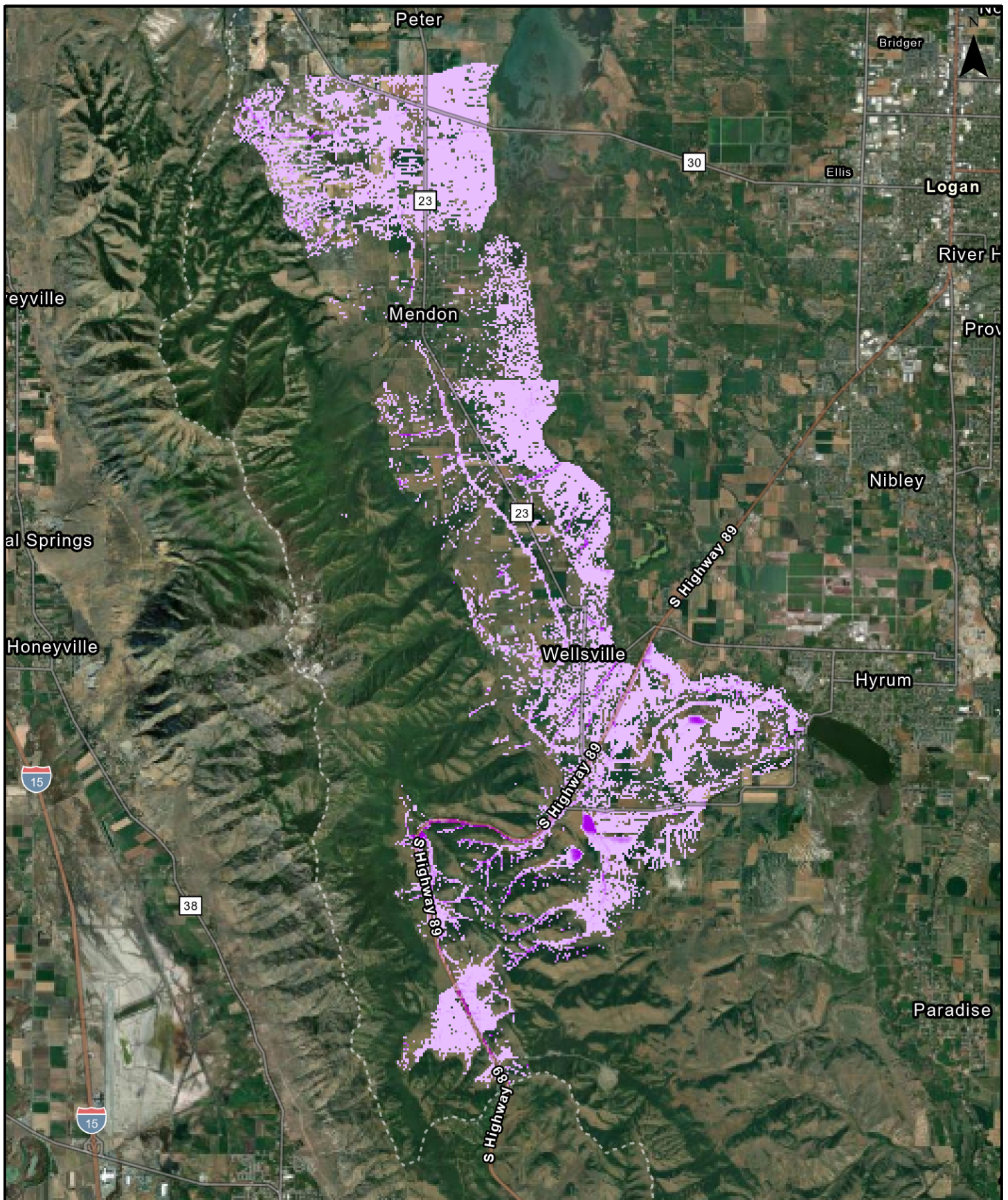
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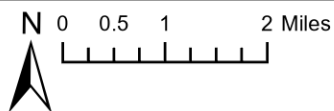
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 1 - 2 year event

O:\20027 CACHE WD Wellsville-Mendon Watershed EA\Arcmap Figures\ArcGIS Pro\Alternative 1 Inundation.aprx



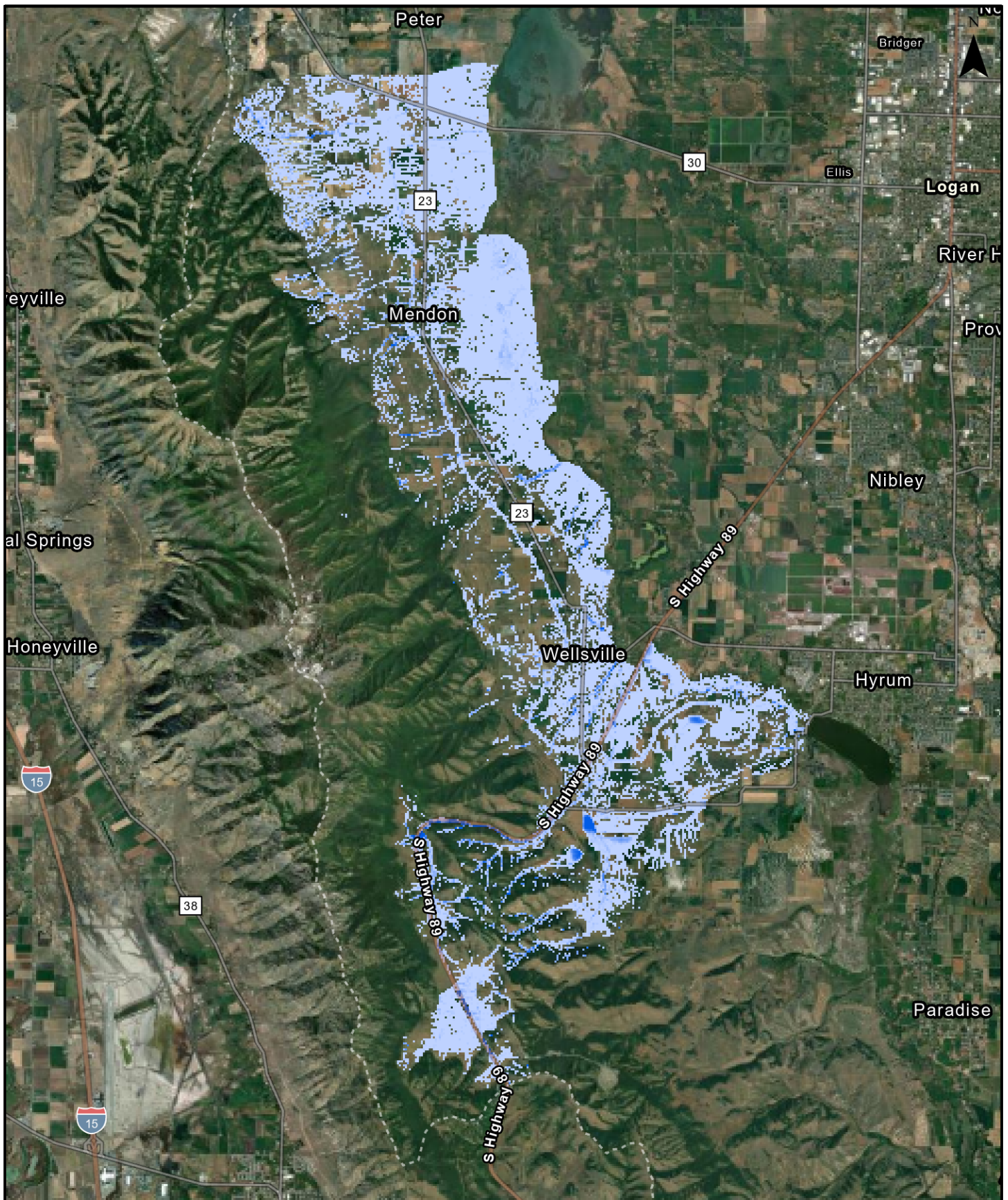
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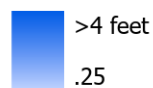
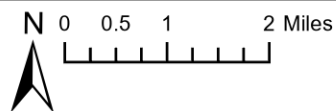
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 1 - 5 year event

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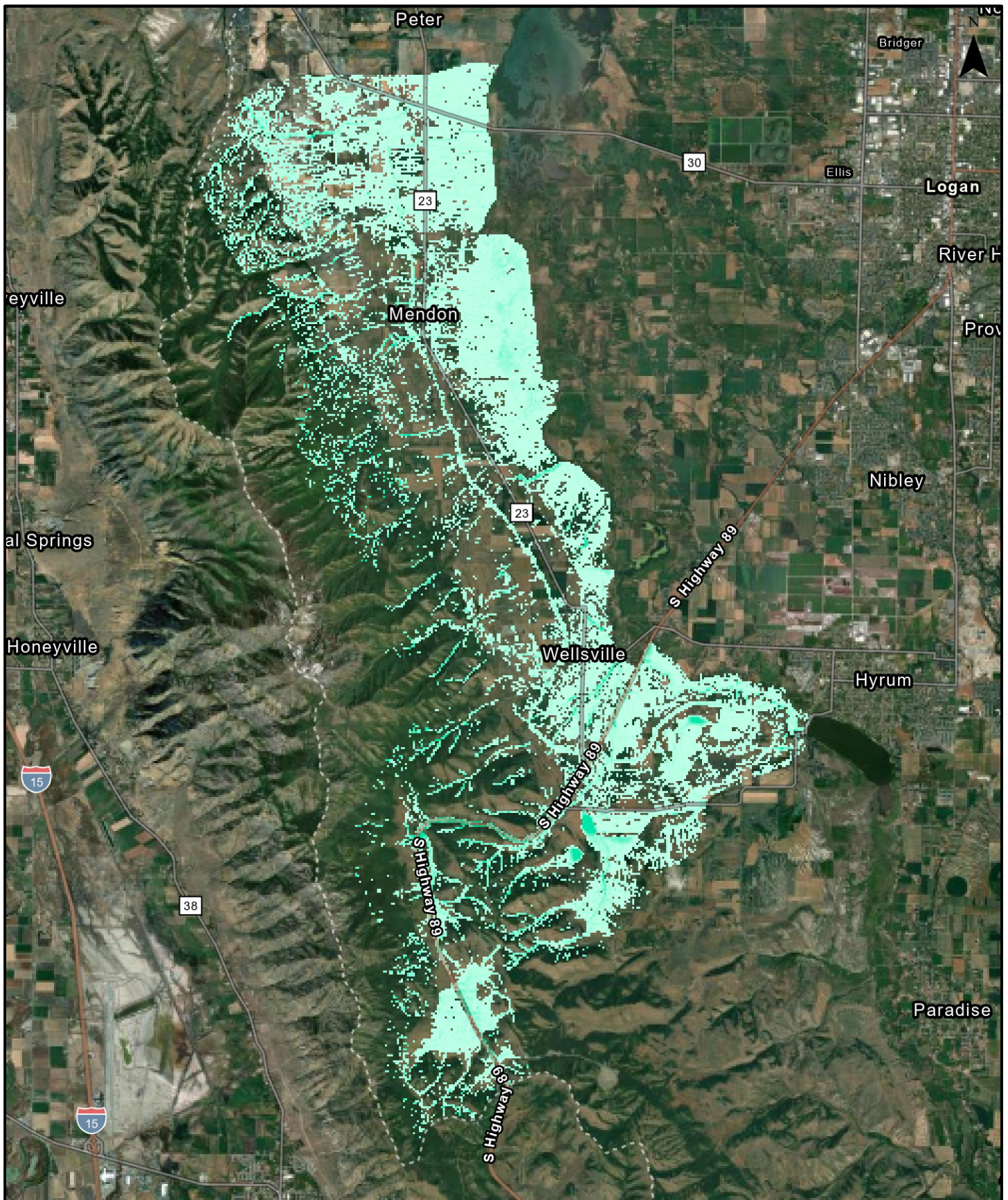
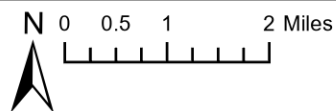
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Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 1 - 10 year event

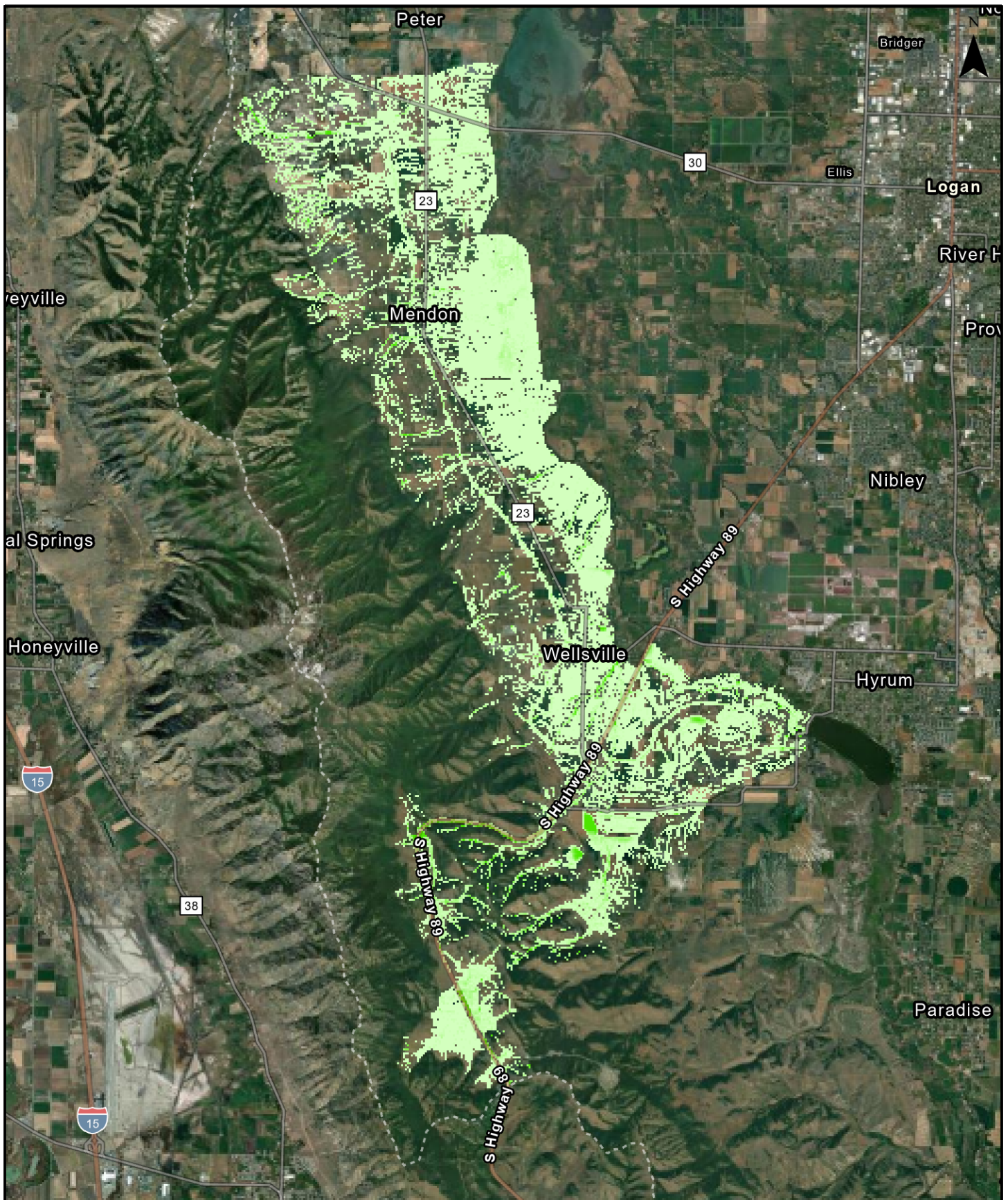
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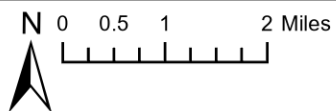
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 1 - 25 year event

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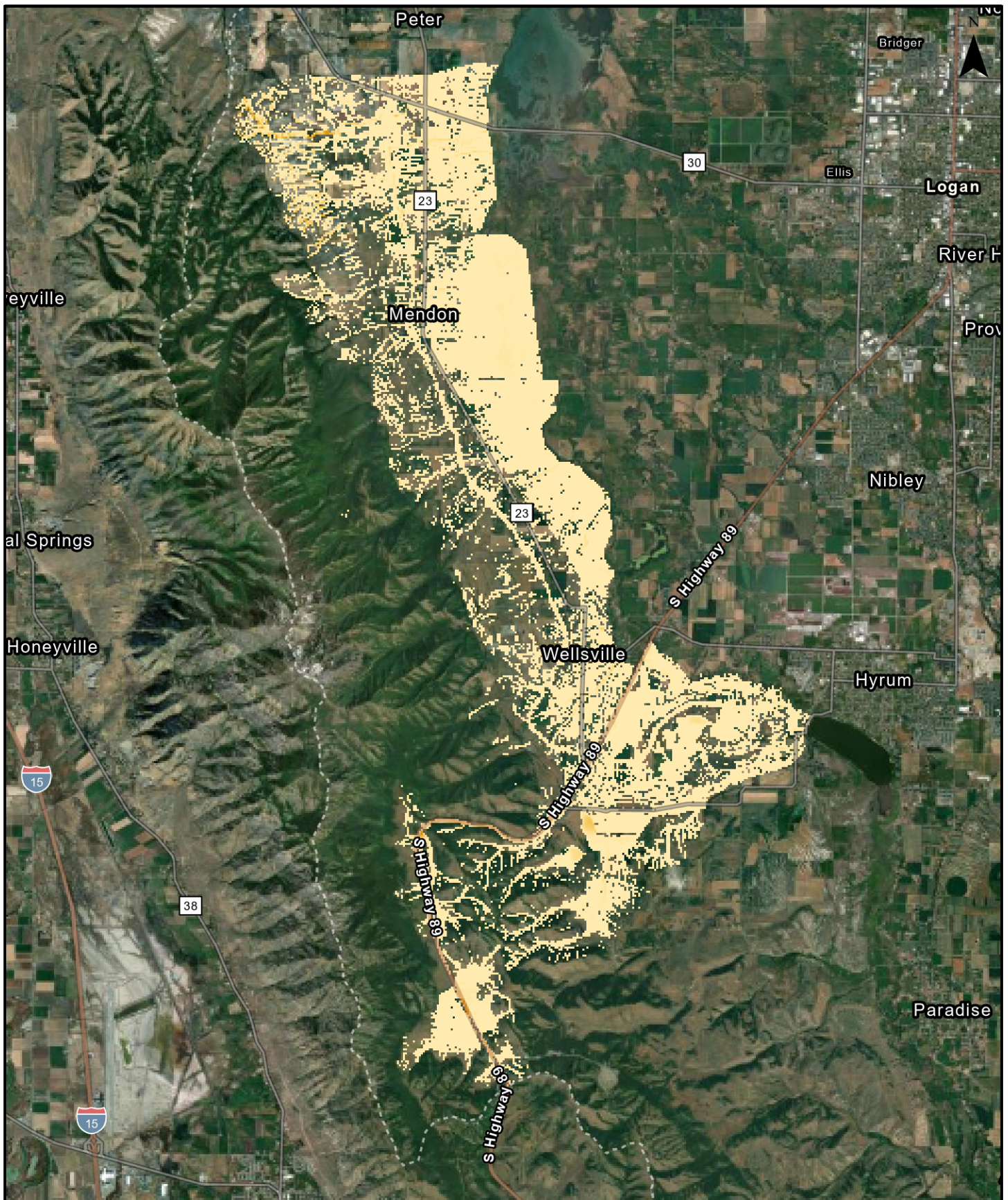
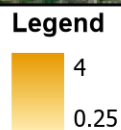
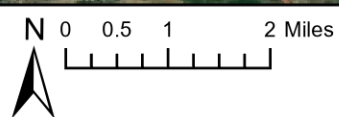
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Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 1 - 50 year event

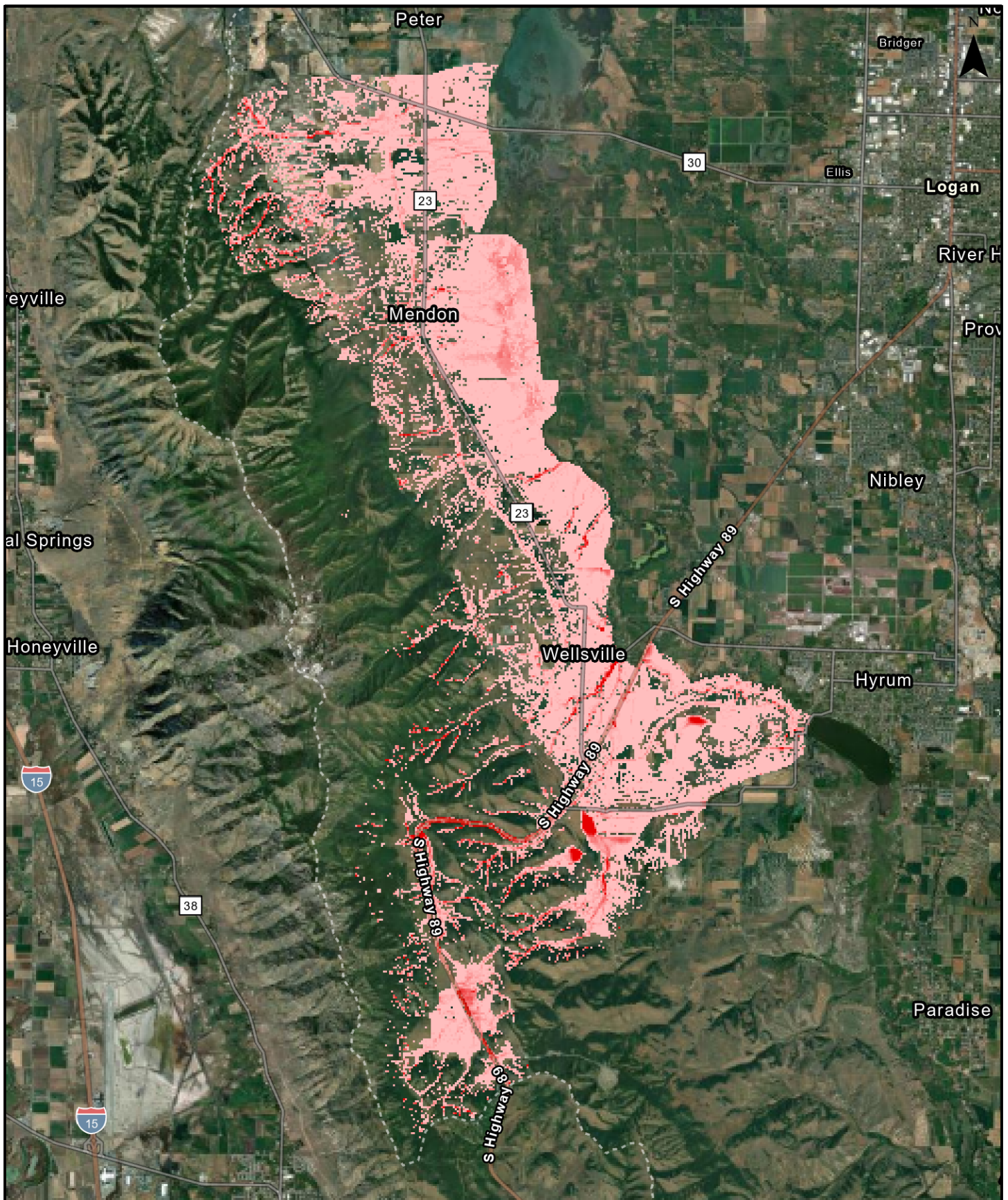
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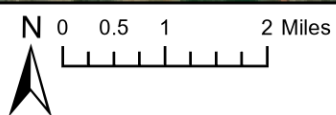
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 1 - 200 year event

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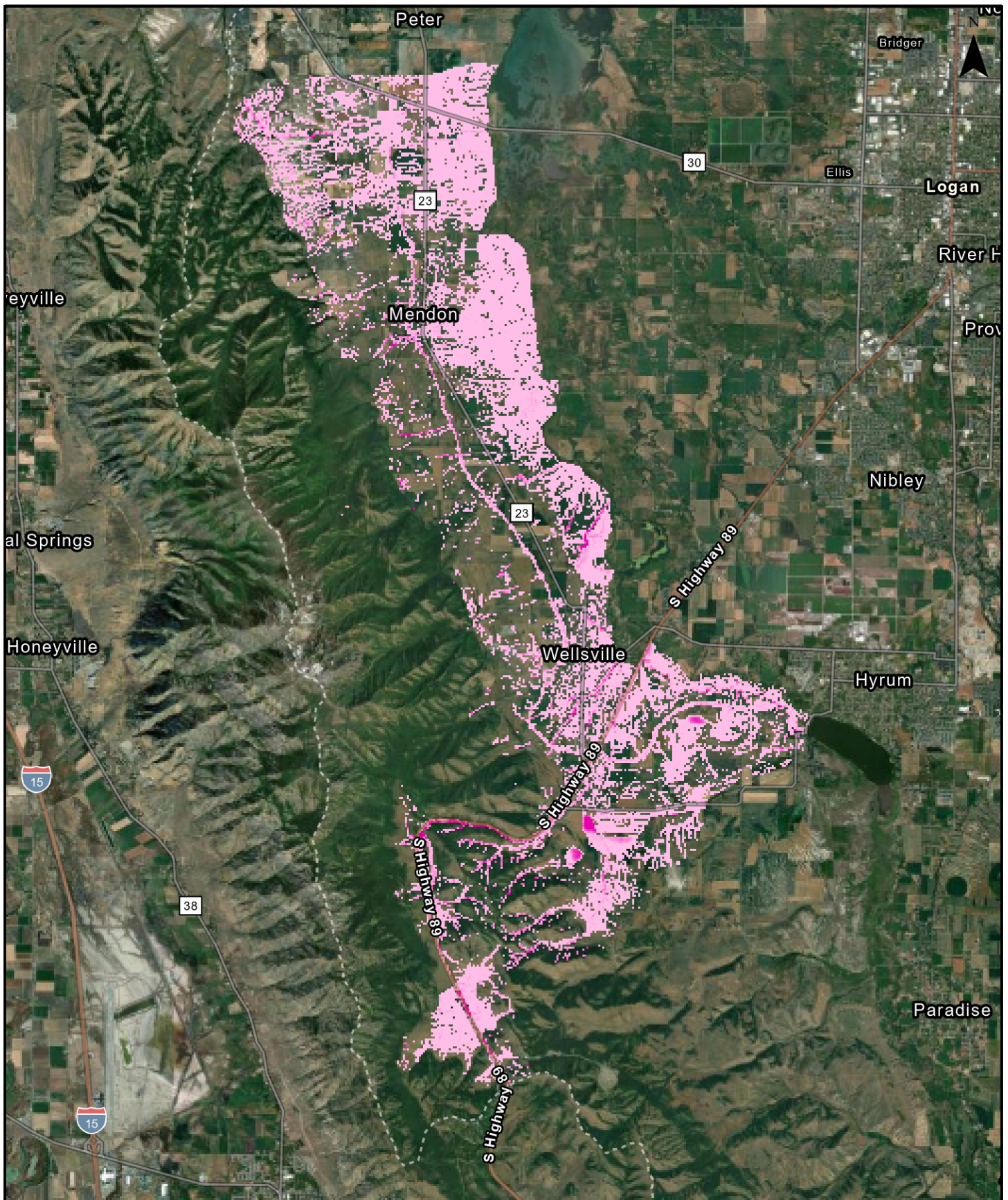
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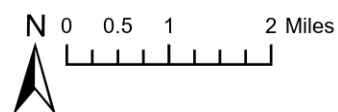
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 1 - 500 year event

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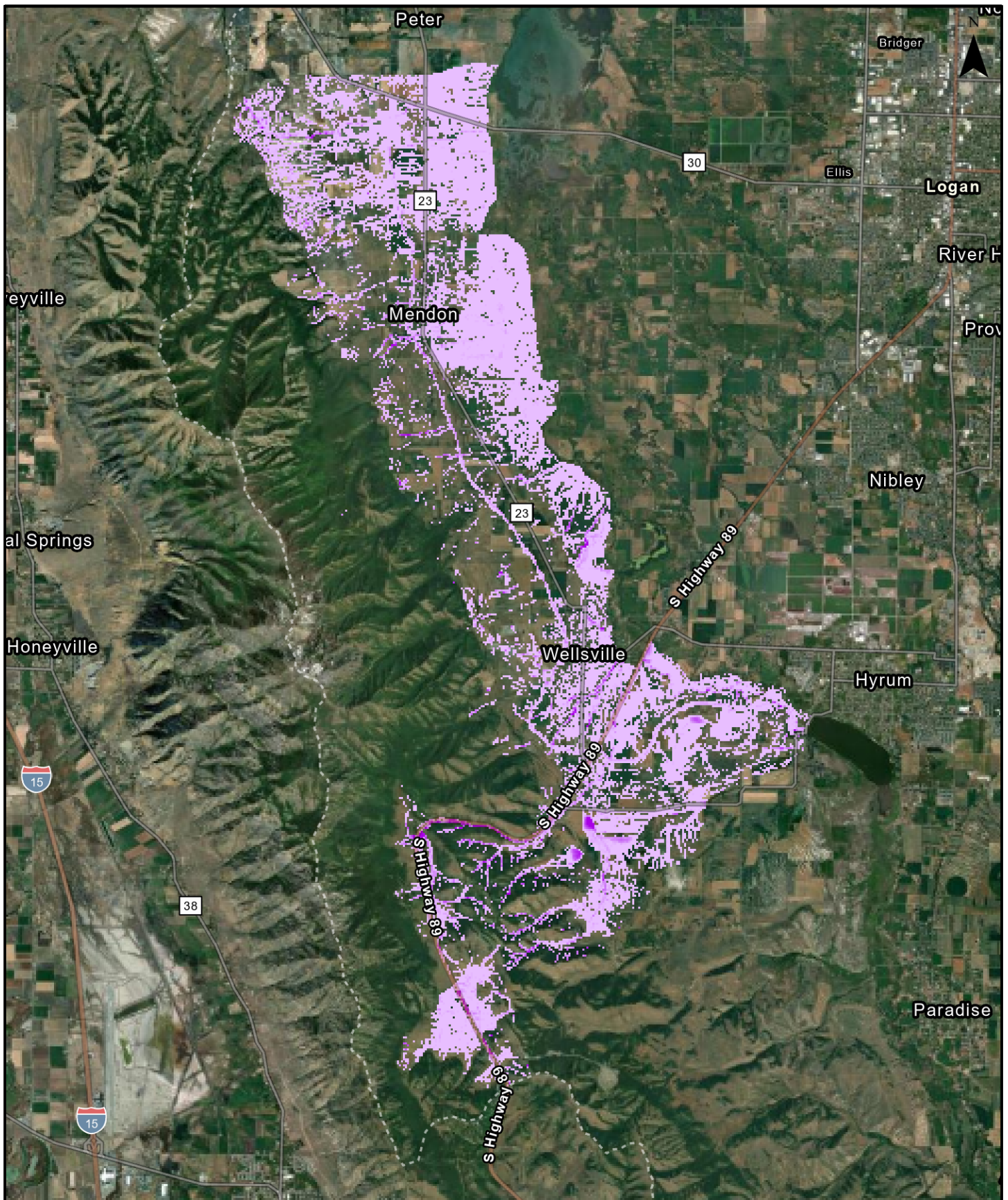
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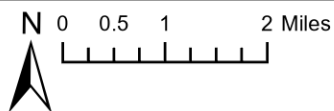
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 2 - 2 year event

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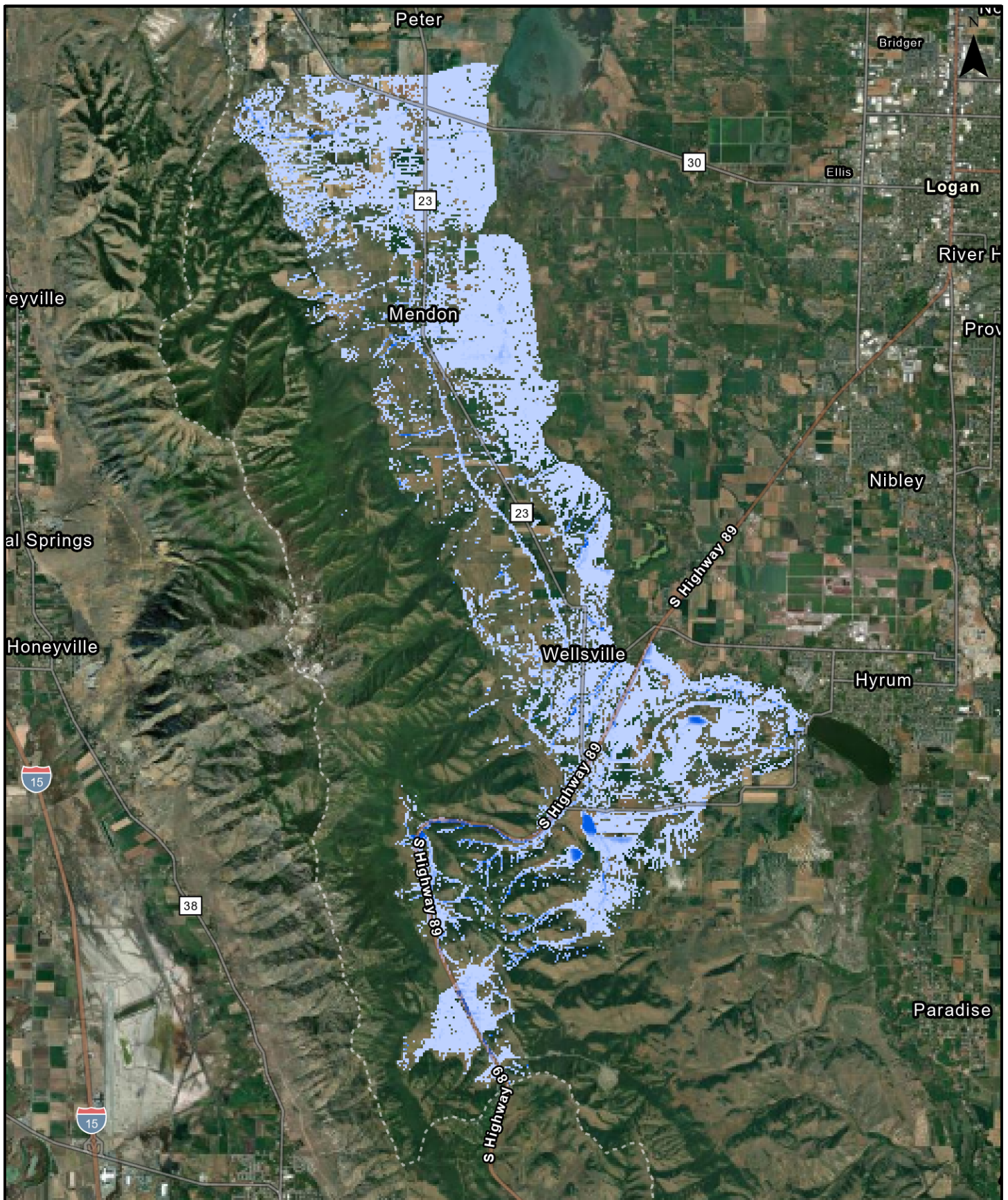
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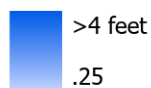
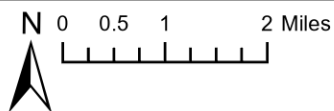
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 2 - 5 year event

O:\20027 CACHE WD Wellsville-Mendon Watershed EA\Arcmap Figures\ArcGIS Pro\Alternative 2 Inundation.aprx



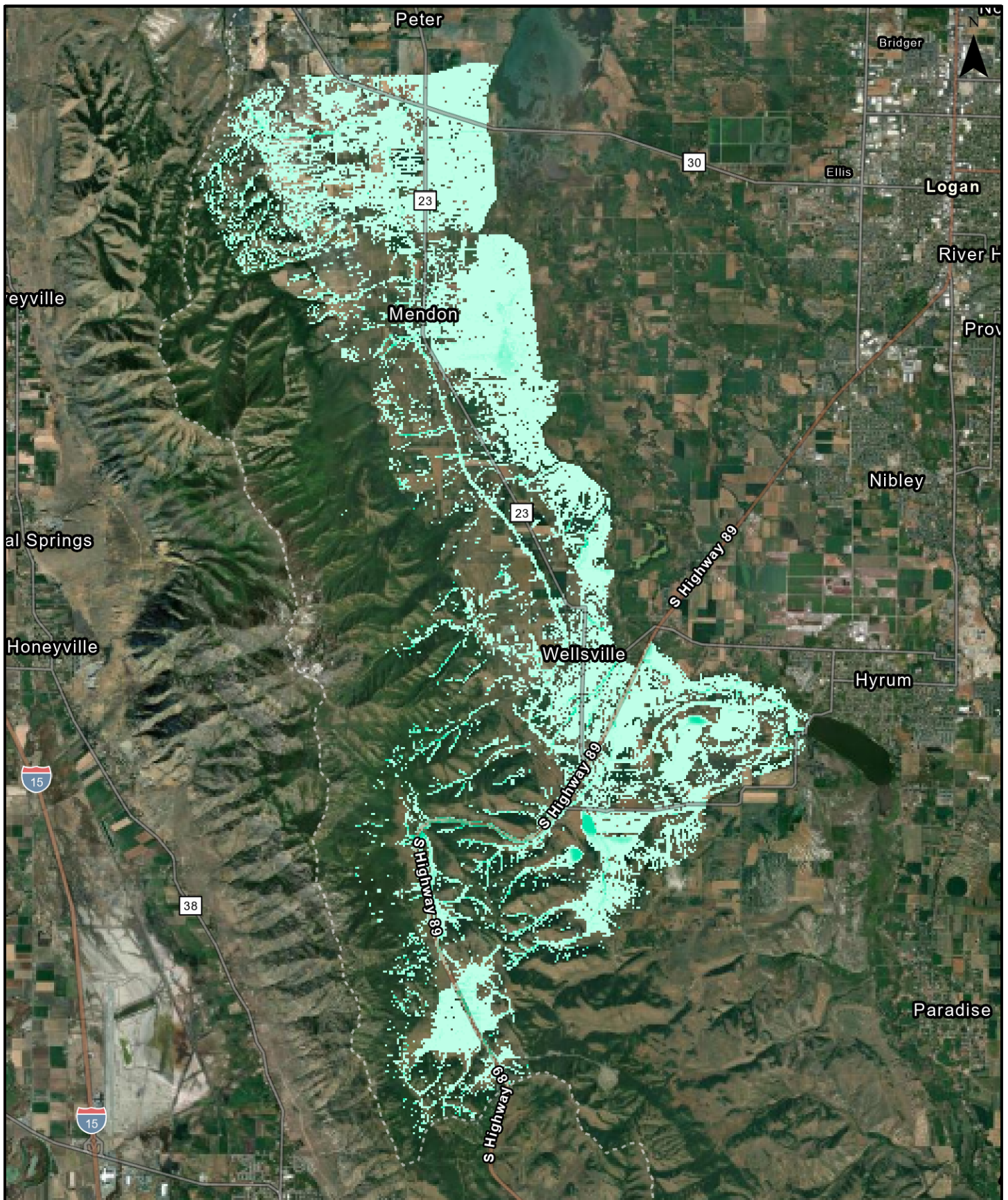
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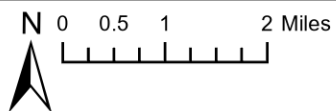
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 2 - 10 year event

O:\20027 CACHE WD Wellsville-Mendon Watershed EA\Arcmap Figures\ArcGIS Pro\Alternative 2 Inundation.aprx



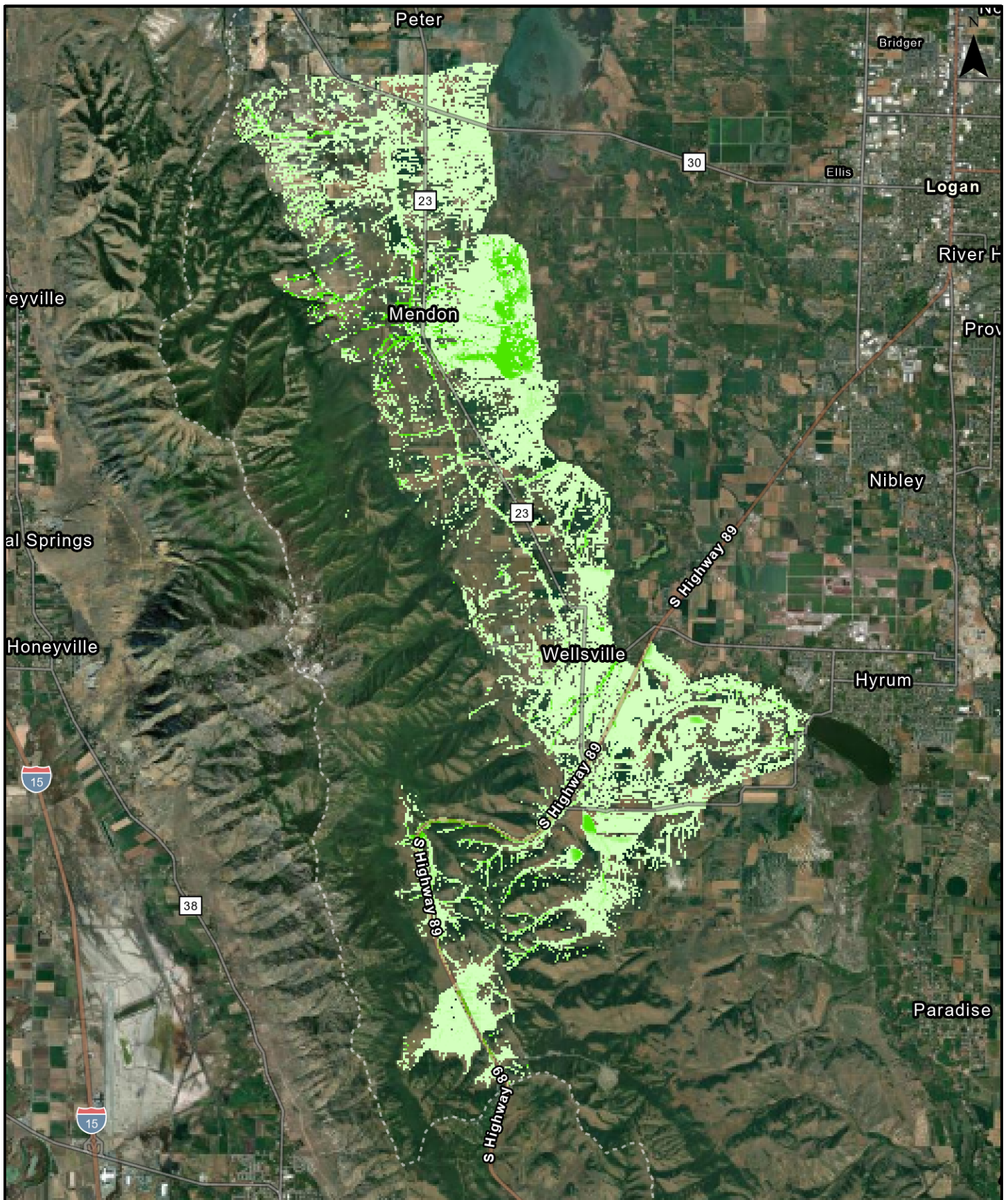
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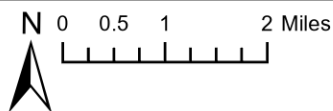
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 2 - 25 year event

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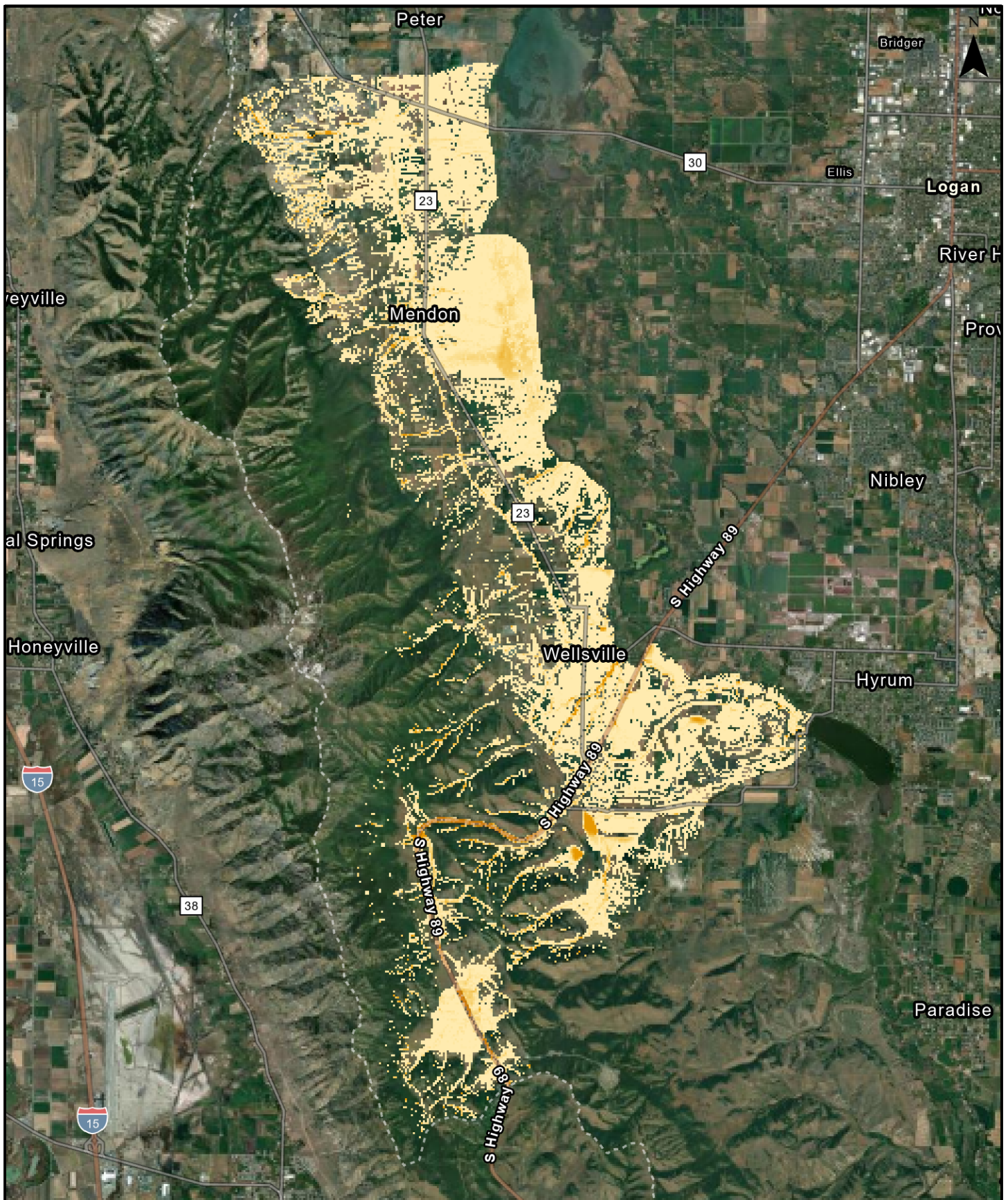
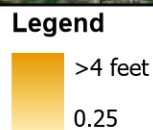
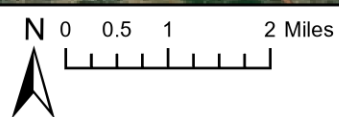
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Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 2 - 50 year event

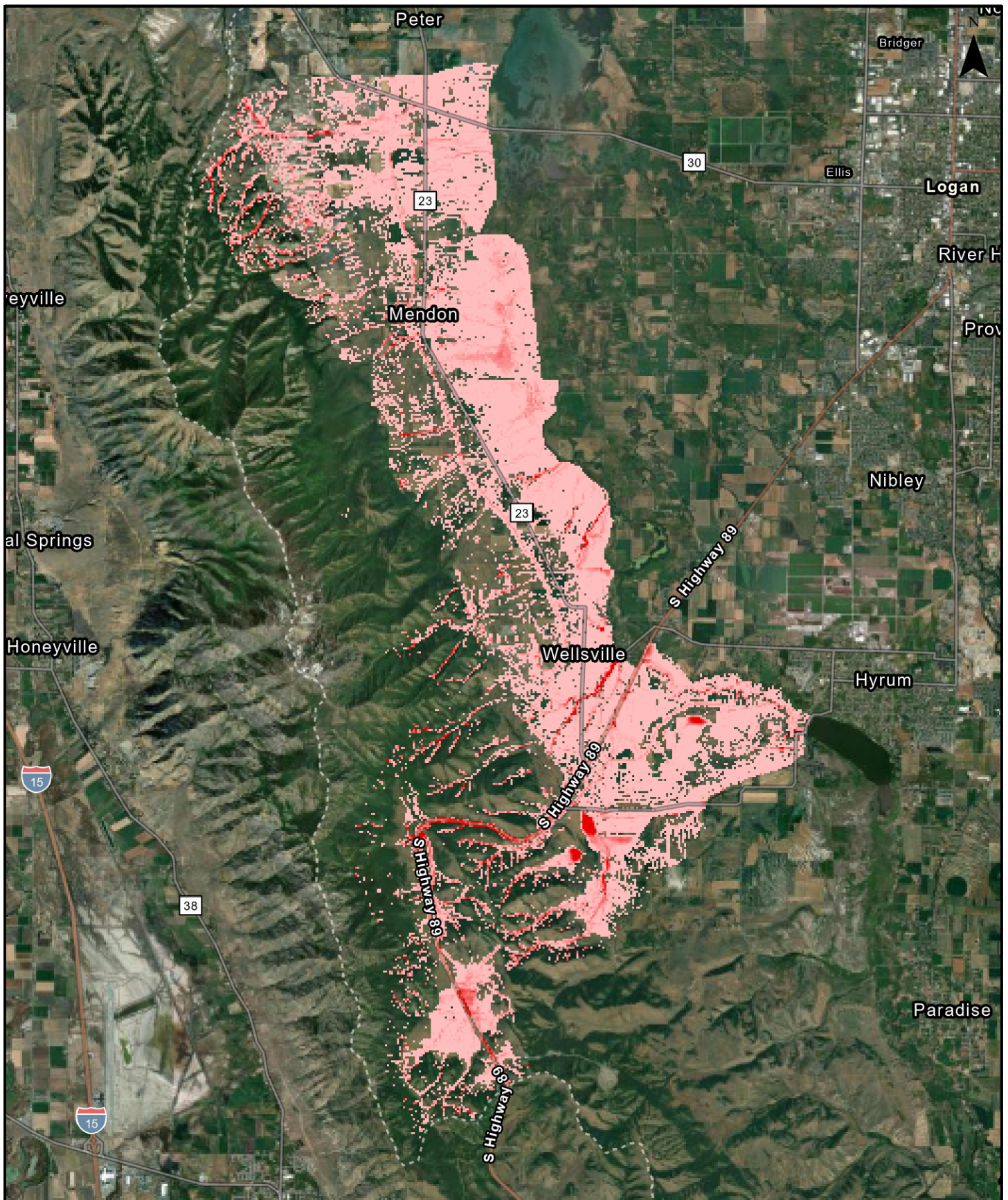
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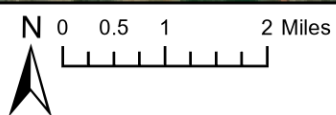
Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 2 - 500 year event

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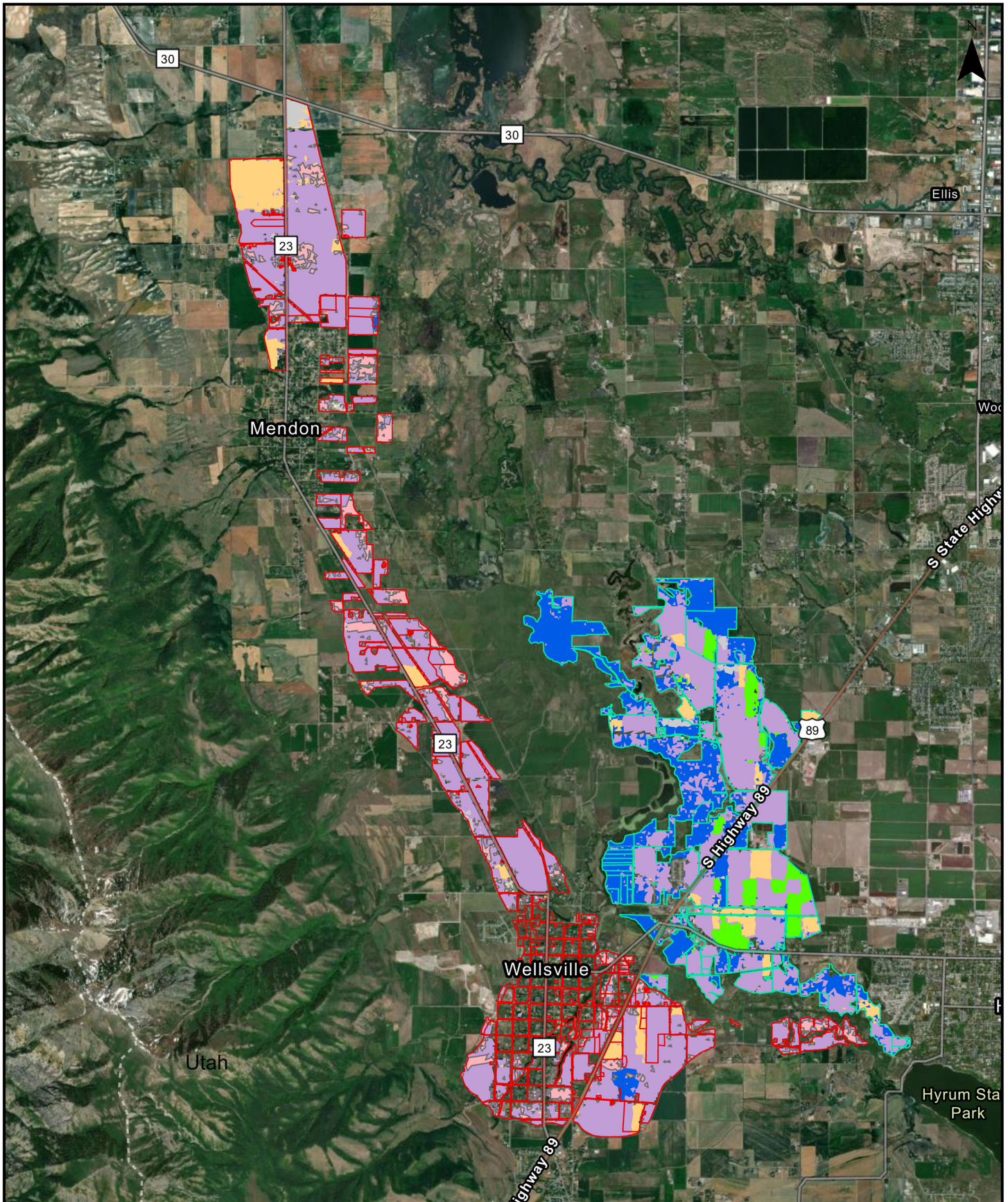
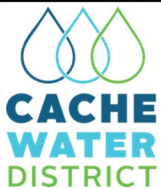
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Wellsville Canyon
Watershed Plan-EIS

Flood Inundation Map: Alternative 2 - 500 year event

O:\20027 CACHE WD Wellsville-Mendon Watershed EA\Arcmap Figures\ArcGIS Pro\Alternative 2 Inundation.aprx



Legend

- | | |
|-----------------------------------|-------------------|
| Wellsville Eastfield Service Area | Other Hay/Pasture |
| WMCD Service Area | Corn |
| Alfalfa | Other |
| Wheat/Barley | |

O:\20027 CACHE WD Wellsville-Mendon Watershed EIA\Arcmap Figures\ArcGIS Pro\Wellsville_Cropping_Patterns.aprx

Wellsville Canyon Watershed Plan-EIS

2022 Cropping Patterns