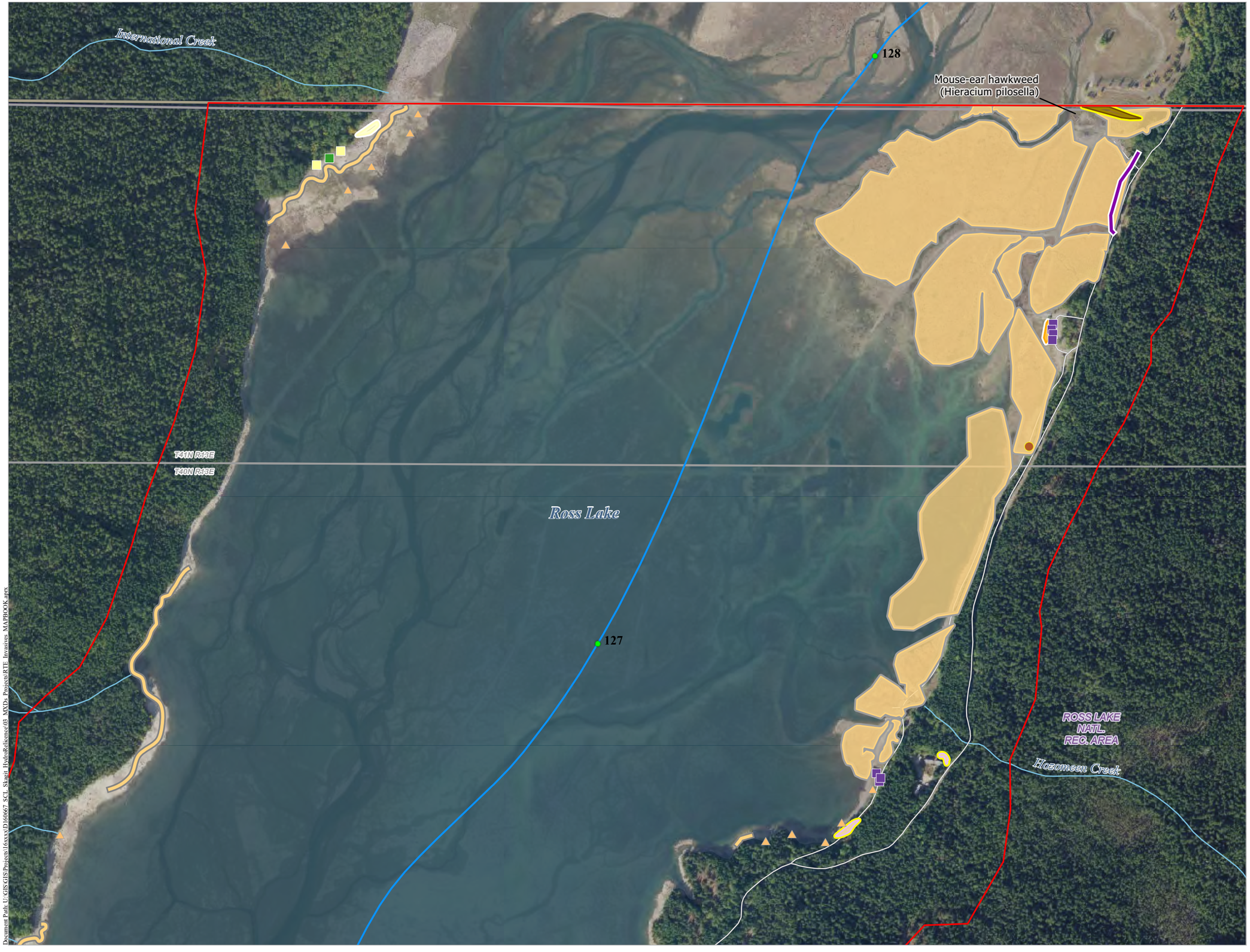
# INVASIVE PLANTS STUDY INTERIM REPORT

# ATTACHMENT D

# INVASIVE PLANTS SURVEY RESULTS MAPBOOK

**Table D-1. Species codes for observed plant species (Attachment D Mapbook Key).**

| Species Code | Scientific Name | Common Name |
|---|---|---|
| ACPL | *Acer platanoides* | Norway maple |
| ACPS | *Acer pseudoplatanus* | Sycamore maple |
| AEPO | *Aegopodium podagraria* | Bishop's goutweed |
| ARLA | *Arctium lappa* | Greater burdock |
| BUDA | *Buddleja davidii* | Butterfly-bush |
| CAPY | *Carduus pycnocephalus* | Italian thistle |
| CARA | *Campanula rapunculoides* | Creeping bellflower |
| CEDI | *Centaurea diffusa* | Diffuse knapweed |
| CEGE | *Centaurea × gerstlaueri* | Meadow knapweed |
| CEST | *Centaurea stoebe* | Spotted knapweed |
| CIAR | *Cirsium arvense* | Canadian thistle |
| CLVI | *Clematis vitalba* | Traveler's-joy |
| COAR | *Convolvulus arvensis* | Field bindweed |
| COMA | *Conium maculatum* | Poison hemlock |
| CRMO | *Crataegus monogyna* | English hawthorn |
| CYSC | *Cytisus scoparius* | Scot's broom |
| DALA | *Daphne laureola* | Spurge-laurel |
| ECVU | *Echium vulgare* | Common viper's bugloss |
| EUOB | *Euphorbia oblongata* | Egg-leaf spurge |
| FAJA | *Fallopia japonica* | Japanese knotweed |
| GERO | *Geranium robertianum* | Herb-Robert |
| HEHE | *Hedera helix* | English ivy |
| HIAU | *Hieracium aurantiacum* | Orange hawkweed |
| HIPI | *Hieracium piloselloides* | Tall hawkweed |
| ILAQ | *Ilex aquifolium* | English holly |
| JAVU | *Jacobaea vulgaris* | Tansy ragwort |
| JUNI | *Juglans nigra* | Black walnut |
| LIDA | *Linaria dalmatica* | Dalmatian toadflax |
| LIPU | *Linaria purpurea* | Purple toadflax |
| LUAN | *Lunaria annua* | Honesty |
| PHAR | *Phalaris arundinacea* | Reed canarygrass |
| PORE | *Potentilla recta* | Sulphur cinquefoil |
| PRCE | *Prunus cerasifera* | Cherry plum |
| PRLA | *Prunus laurocerasus* | Cherry-laurel |
| ROHI | *Robinia hispida* | Bristly locust |
| RUBI | *Rubus bifrons* | Himalayan blackberry |
| SOAU | *Sorbus aucuparia* | European mountain-ash |
| TAVU | *Tanacetum vulgare* | Common tansy |
| VETH | *Verbascum thapsus* | Flannel mullein |
| VIMI | *Vinca minor* | Lesser periwinkle |




# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Other Road
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ARLA | CEST | CEDI |
| CEST | PHAR | CIAR |
| CIAR | | GERO |
| HIPI | | HIPI |
| PHAR | | PHAR |

0 400 800 Feet

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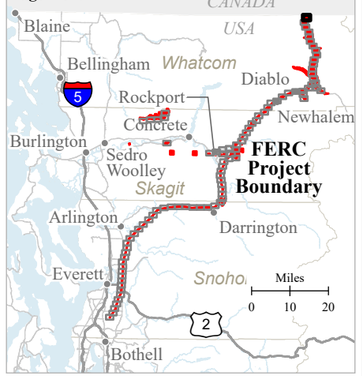
Page 1 of 94

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- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Other Road
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | GERO |
| | | PHAR |

0 400 800 Feet

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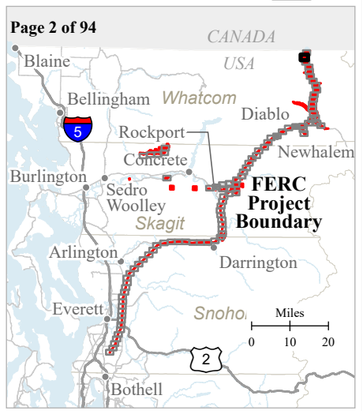


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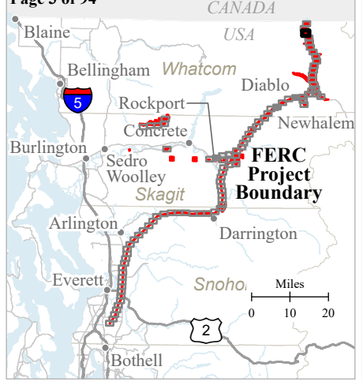
FERC Project Boundary
Project River Miles
Project River Centerline
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | PHAR |

0 400 800 Feet

N



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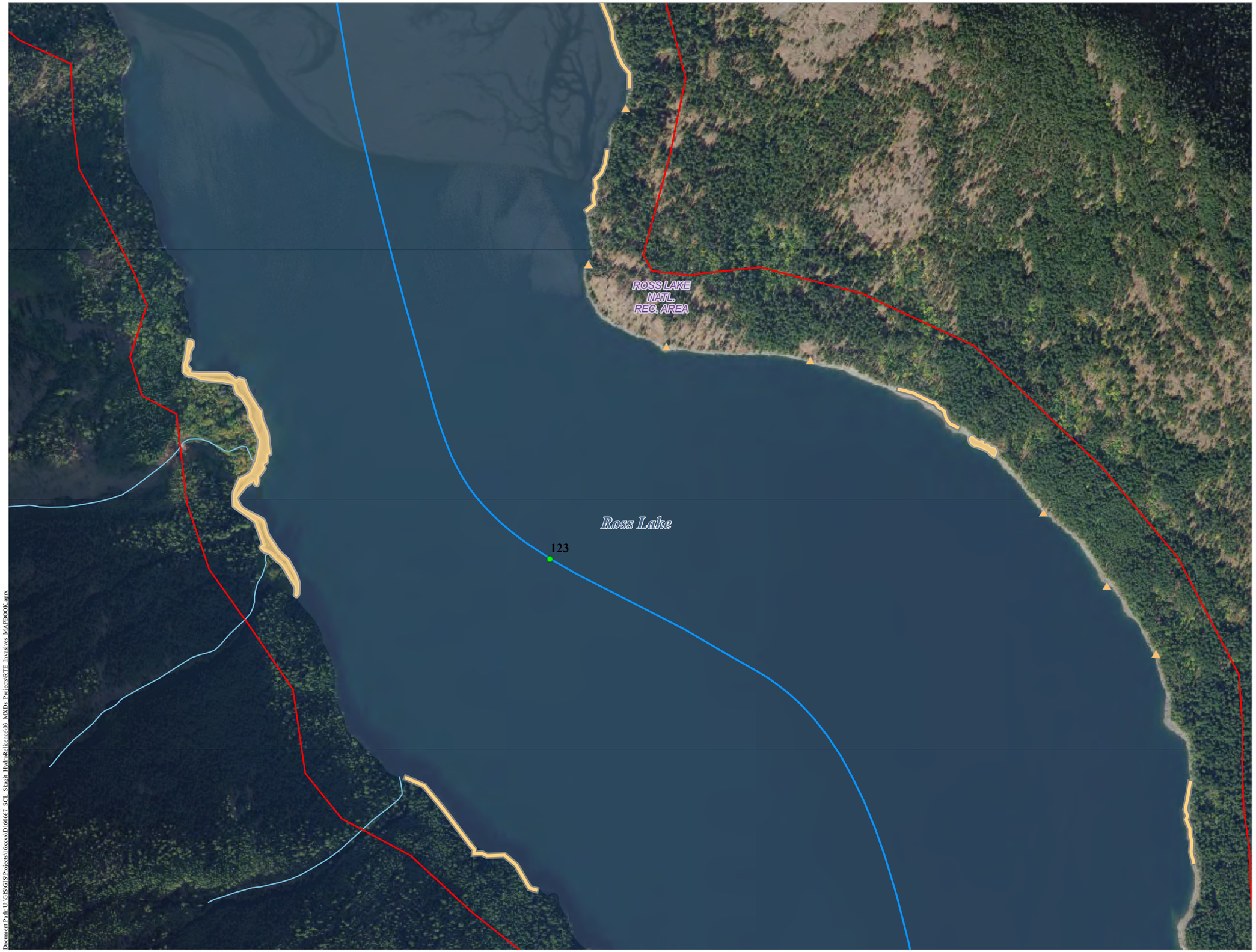


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FERC Project Boundary
Project River Miles
Project River Centerline
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | PHAR |

0 400 800 Feet

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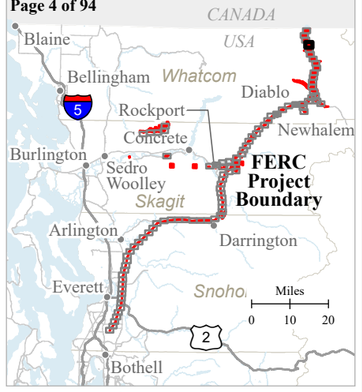


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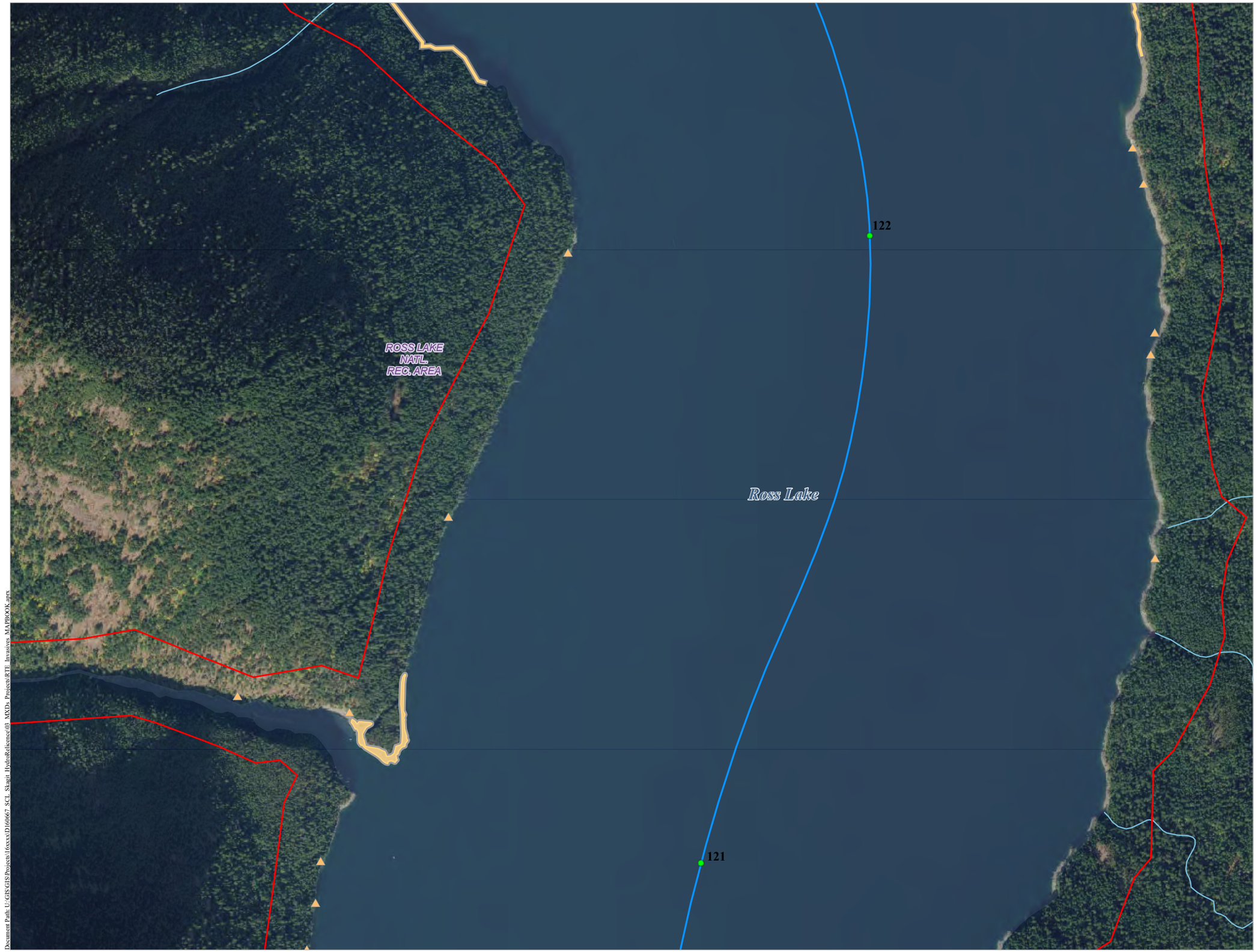


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FERC Project Boundary
Project River Miles
Project River Centerline
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | PHAR |

0 400 800 Feet

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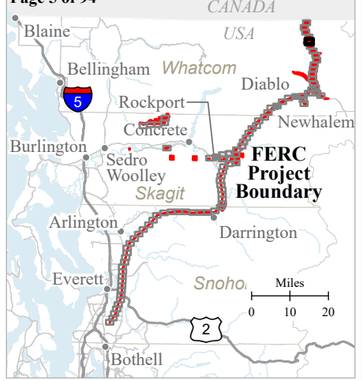


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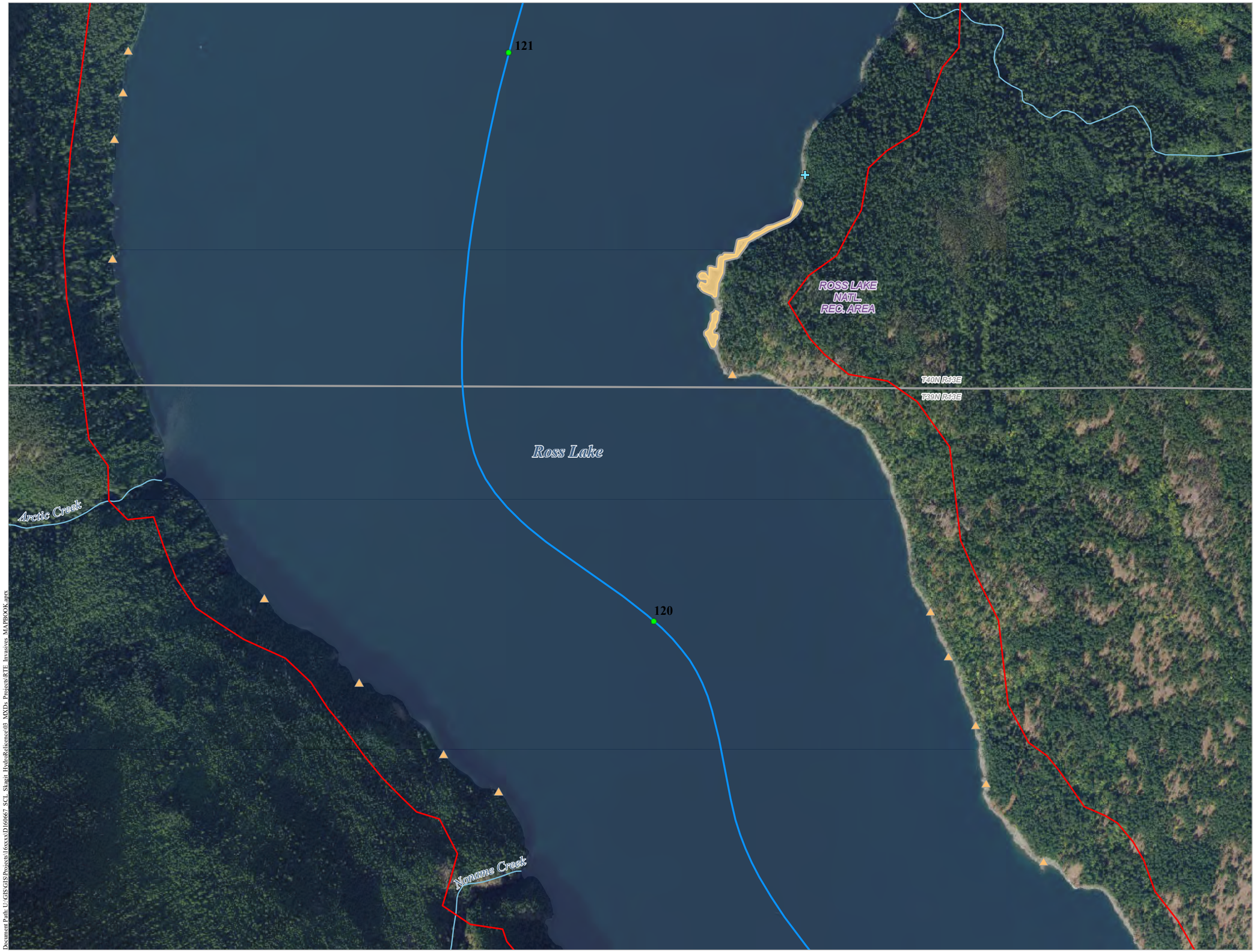


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- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Streams

Invasive Point
- PHAR
- SOAU

Invasive Polygon
- PHAR

0 400 800 Feet

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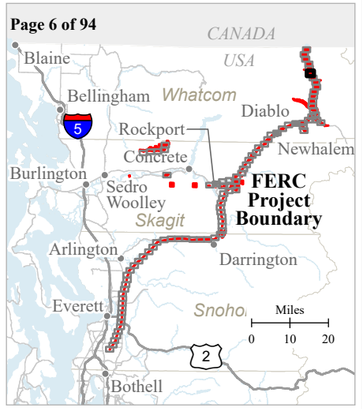


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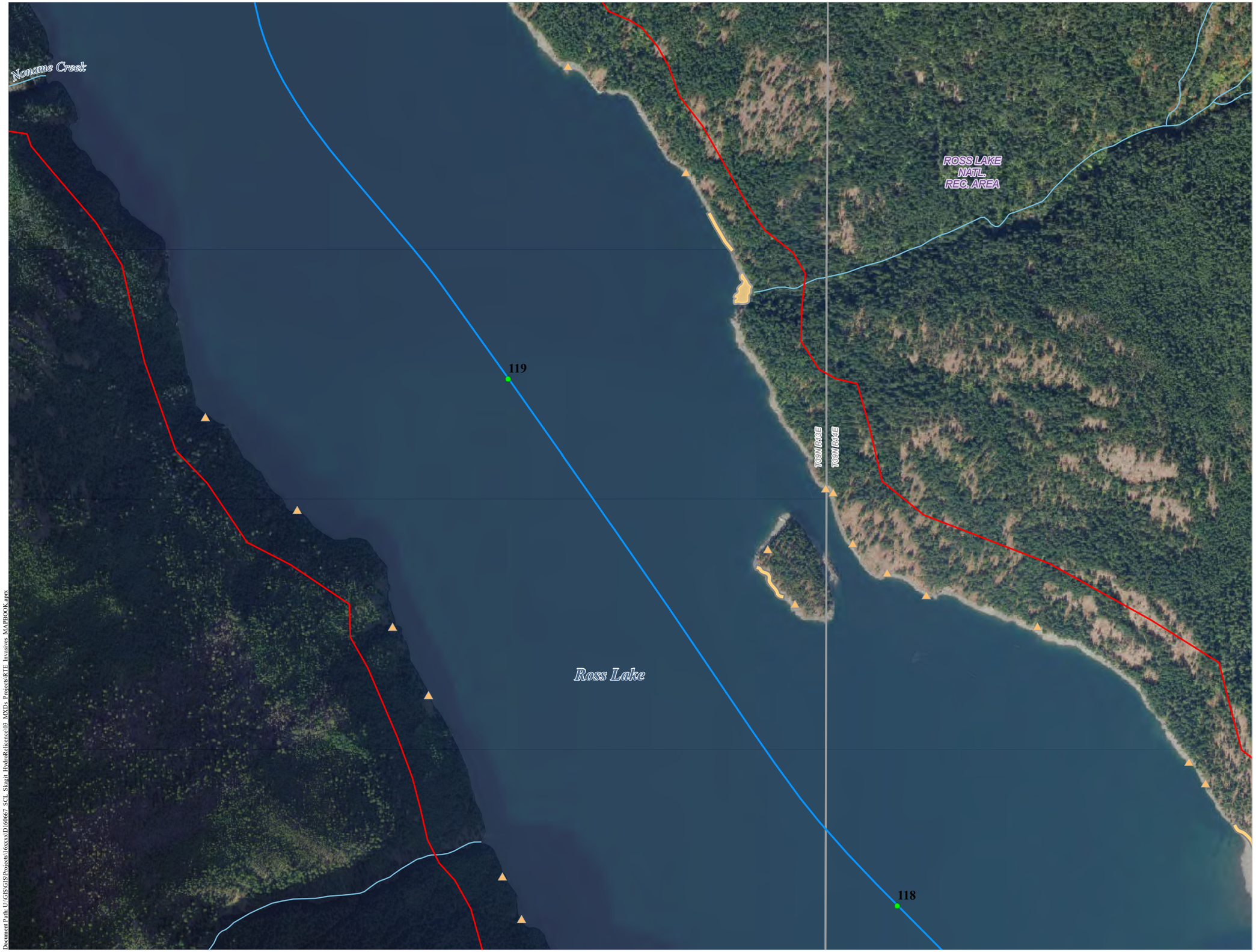


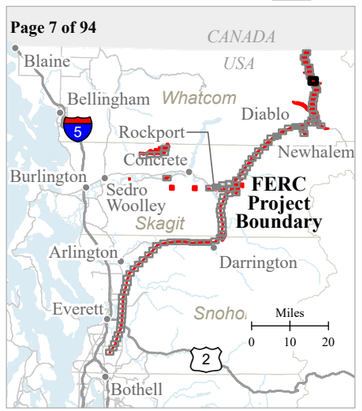

FERC Project Boundary
Project River Miles
Project River Centerline
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | PHAR |

0 400 800 Feet

N



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- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | PHAR |

0 400 800 Feet

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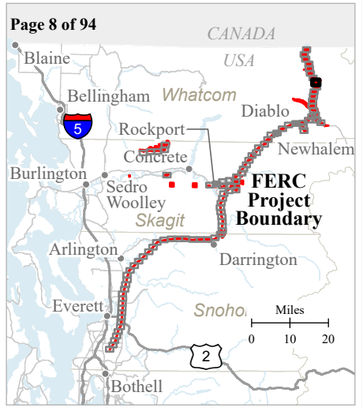


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- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | PHAR |

0 400 800 Feet

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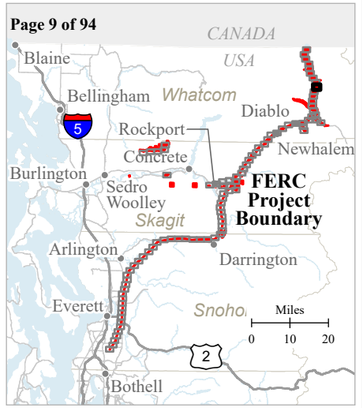


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FERC Project Boundary
Project River Miles
Project River Centerline
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | PHAR |

0 400 800 Feet

N

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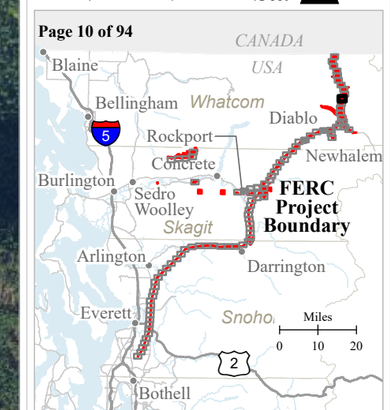


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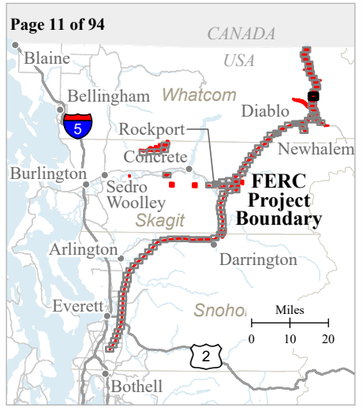
# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

FERC Project Boundary
Project River Miles
Project River Centerline
Streams

| Invasive Point | Invasive Line |
|---|---|
| HIPI | PHAR |
| PHAR | |

0 400 800 Feet

N

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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

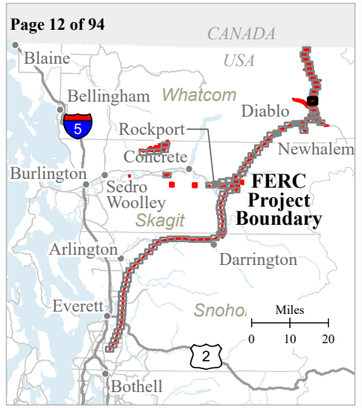
FERC Project Boundary
Project River Miles
Project River Centerline
Streams

| Invasive Point | Invasive Line |
|---|---|
| HIPI | PHAR |
| PHAR | |

0 400 800 Feet

N



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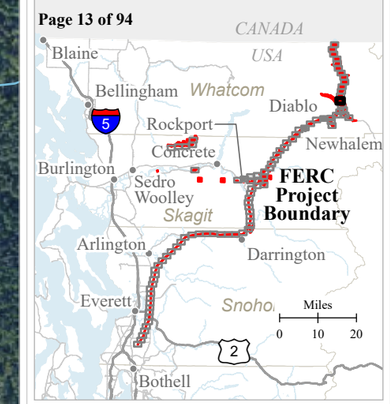
FERC Project Boundary
Project River Miles
Project River Centerline
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | PHAR |

0 400 800 Feet

N



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- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | CIAR |
| | | PHAR |

0 400 800 Feet

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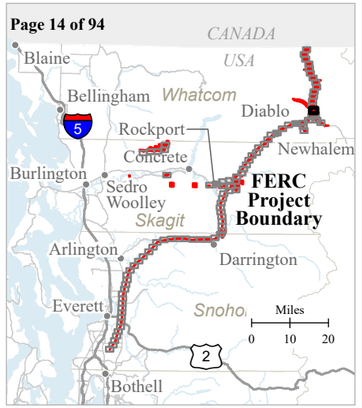


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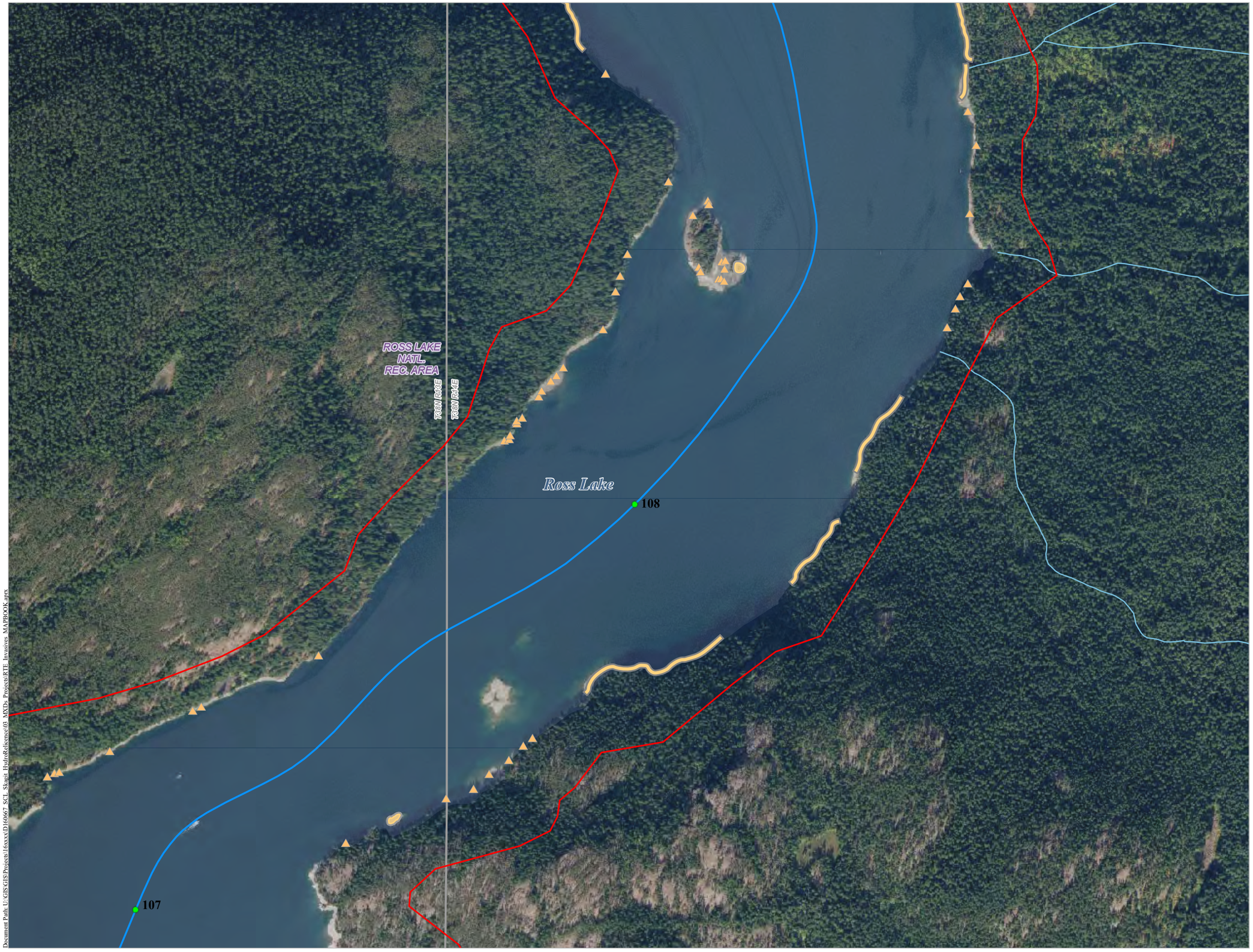


FERC Project Boundary
Project River Miles
Project River Centerline
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | PHAR |

0 400 800 Feet

N

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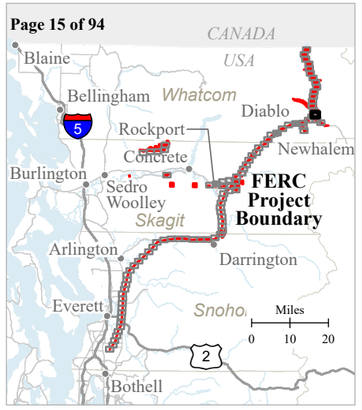


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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

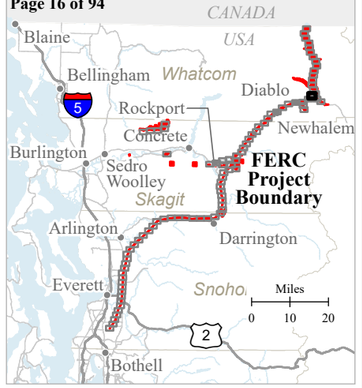
FERC Project Boundary
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams
SCL Facility

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| PHAR | PHAR | PHAR |

0 400 800 Feet

N



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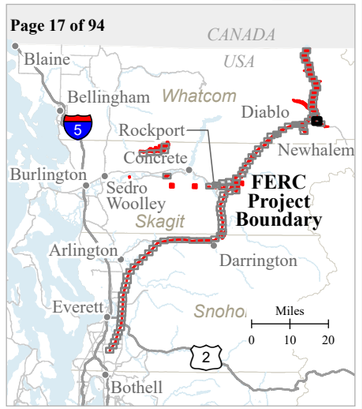
# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

FERC Project Boundary
Secondary Highway
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| JAVU | PHAR | PHAR |
| PHAR | | |

0 400 800 Feet

N

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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

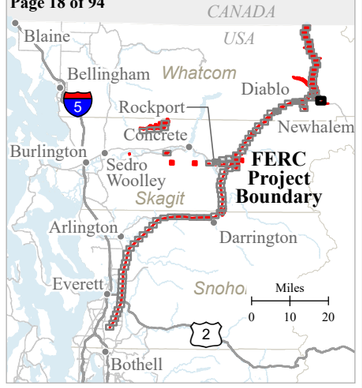
FERC Project Boundary
Secondary Highway
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| JAVU | PHAR | PHAR |
| PHAR | | |

0 400 800 Feet

N



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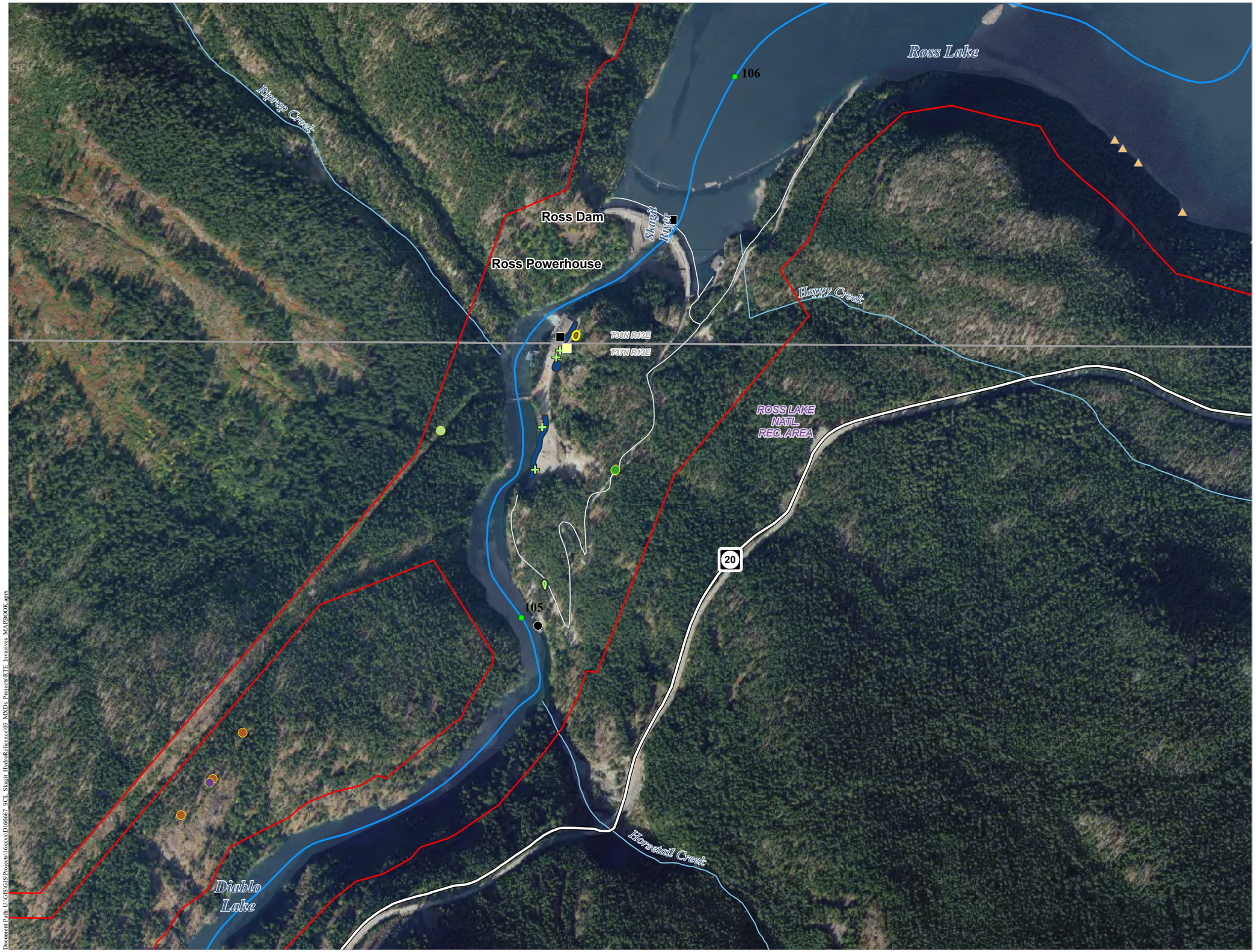



# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

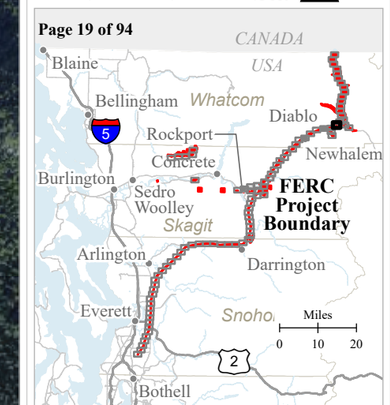
- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Streams
- Project Recreation Site (FERC approved)
- SCL Facility

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| CIAR | TAVU | HIPI |
| CRMO | | TAVU |
| CYSC | | VETH |
| HEHE | | |
| HIPI | | |
| PHAR | | |
| VETH | | |

0 400 800 Feet

N



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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

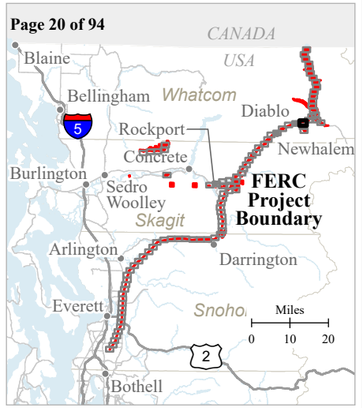
FERC Project Boundary
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams
Project Recreation Site (FERC approved)

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ACPS | GERO | ARLA |
| ARLA | TAVU | |
| CRMO | | |
| CYSC | | |
| GERO | | |
| HEHE | | |
| HIPI | | |
| ROHI | | |
| RUBI | | |
| SOAU | | |
| VETH | | |

0 400 800 Feet

N

Page 20 of 94

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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

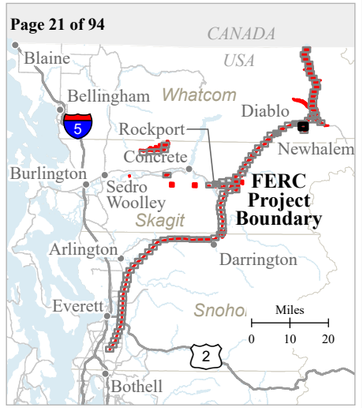
FERC Project Boundary
Project River Centerline
Secondary Highway
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| CYSC | TAVU | CEST |
| GERO | | |
| VETH | | |

0 400 800 Feet

N



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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

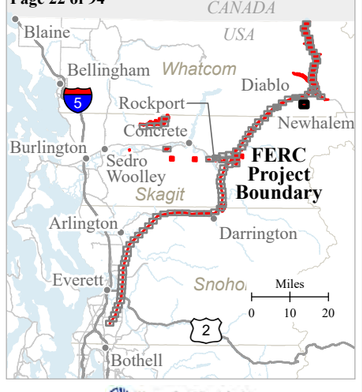
FERC Project Boundary
Secondary Highway
Other Road
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| GERO | TAVU | CEST |
| PHAR | | |
| VETH | | |

0 400 800 Feet

N



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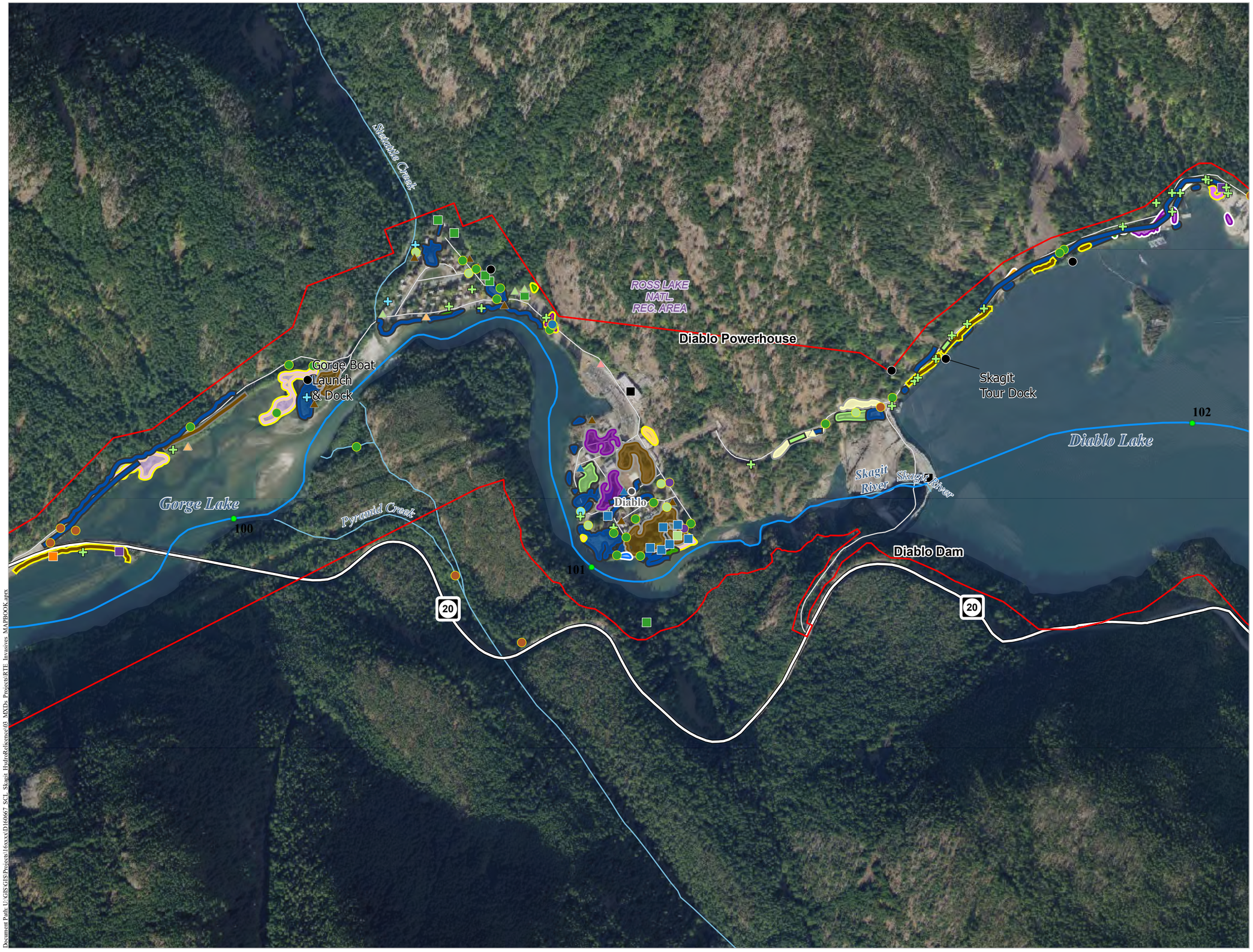


FERC Project Boundary
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams
Project Recreation Site (FERC approved)
SCL Facility

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ACPS | GERO | ACPS |
| AEPO | HIPI | ARLA |
| ARLA | RUBI | CEDI |
| CEDI | TAVU | CEST |
| CEST | VETH | CIAR |
| COAR | | CYSC |
| COMA | | EUOB |
| CRMO | | GERO |
| CYSC | | HEHE |
| HEHE | | HIPI |
| HIPI | | PRLA |
| JAVU | | ROHI |
| JUNI | | RUBI |
| LIPU | | TAVU |
| PHAR | | VETH |
| ROHI | | VIMI |
| RUBI | | |
| SOAU | | |
| VETH | | |

0 400 800 Feet

N

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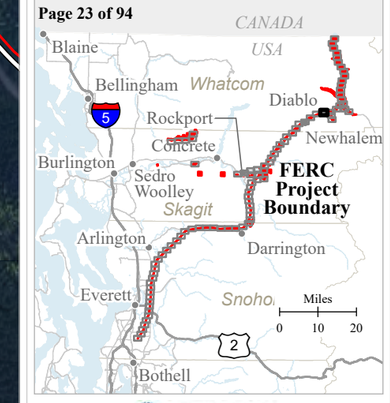


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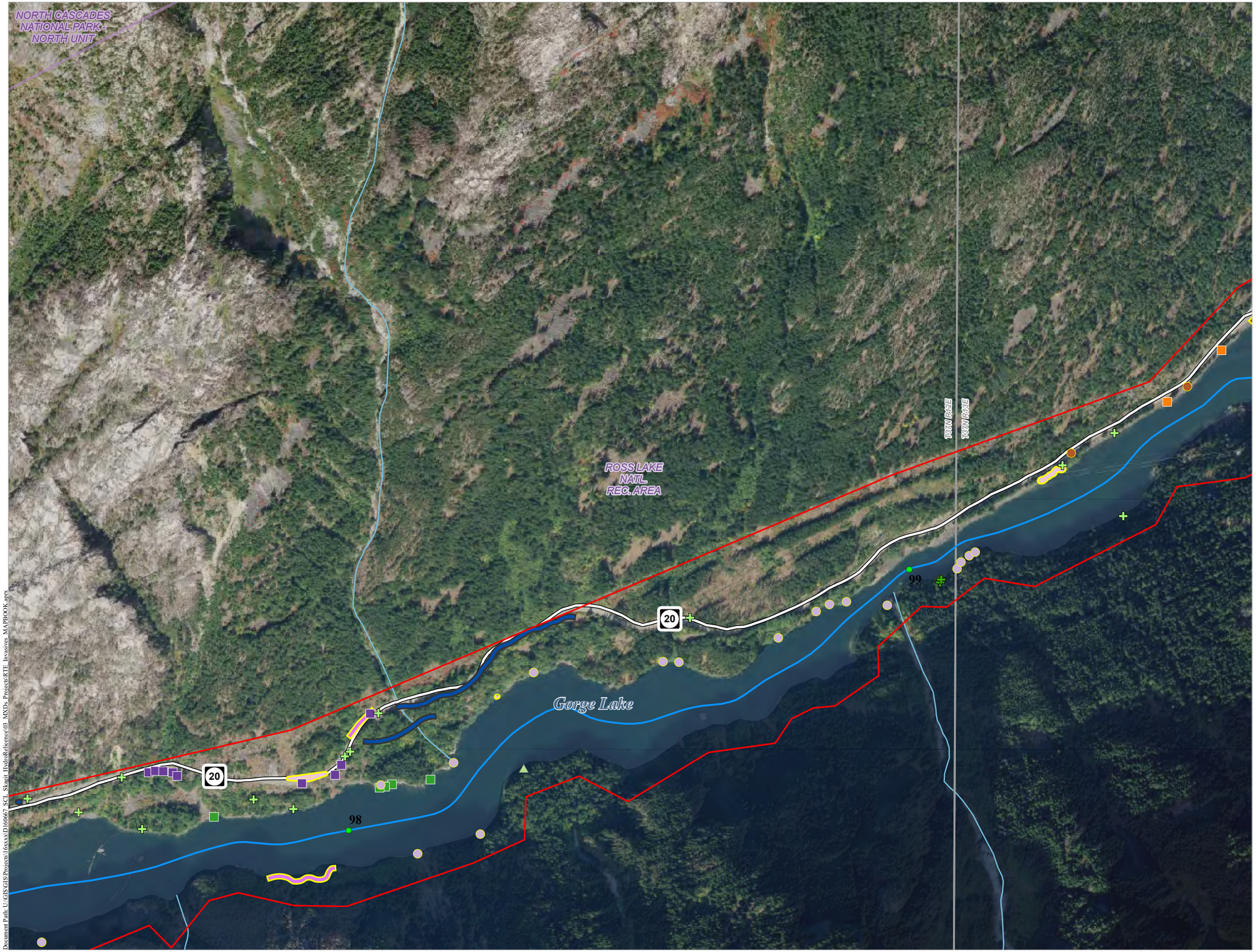



# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

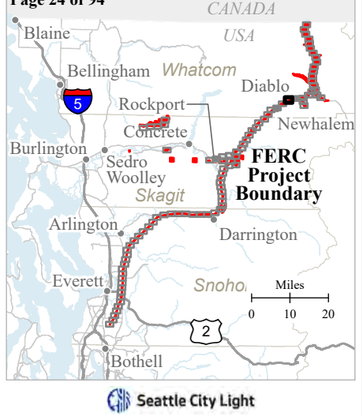
- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ARLA | GERO | GERO |
| CEDI | HIPI | TAVU |
| CEST | TAVU | VIMI |
| GERO | | |
| HIPI | | |
| JUNI | | |
| VETH | | |
| VIMI | | |

0 400 800 Feet

N

Page 24 of 94

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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

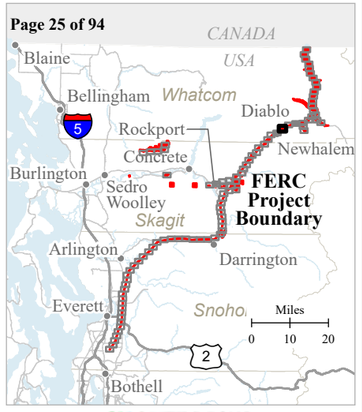
FERC Project Boundary
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams
SCL Facility

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ACPS | GERO | ECVU |
| CEDI | TAVU | FAJA |
| CEST | | GERO |
| GERO | | TAVU |
| HIPI | | VETH |
| JAVU | | |
| JUNI | | |
| PHAR | | |
| RUBI | | |
| VETH | | |

0 400 800 Feet

N



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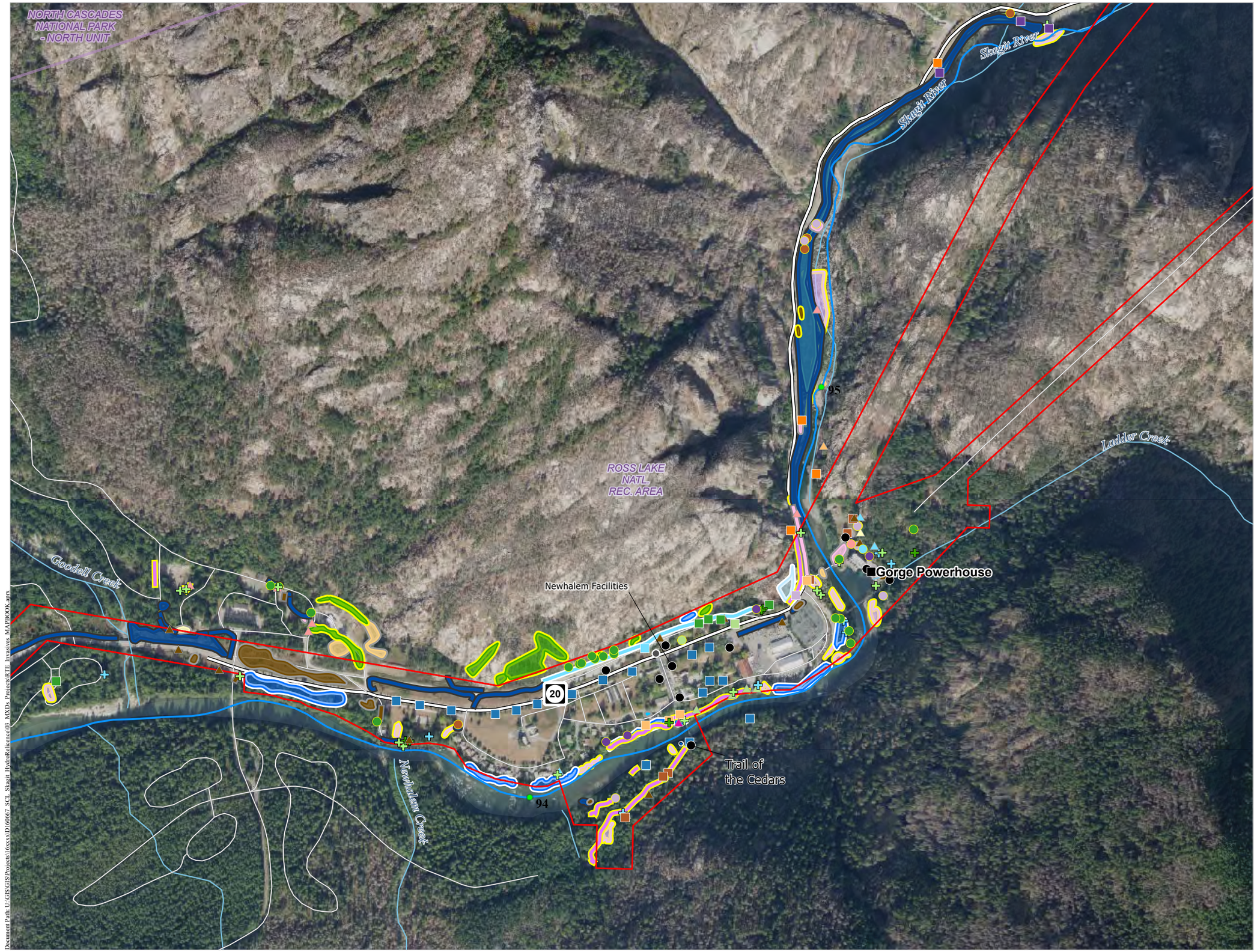
# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK



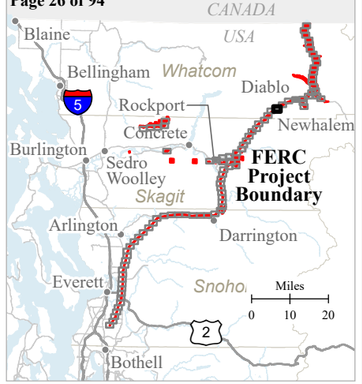

- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Streams
- Project Recreation Site (FERC approved)
- SCL Facility

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ACPL | ACPL | ACPL |
| ACPS | GERO | ACPS |
| AEPO | LIPU | CLVI |
| ARLA | RUBI | CYSC |
| CARA | TAVU | GERO |
| CEDI | | HIPI |
| CEGE | | LIDA |
| CEST | | LIPU |
| CLVI | | PHAR |
| COAR | | ROHI |
| CRMO | | RUBI |
| CYSC | | SOAU |
| DALA | | TAVU |
| GERO | | VETH |
| HEHE | | |
| HIPI | | |
| ILAQ | | |
| JUNI | | |
| LIPU | | |
| LUAN | | |
| PHAR | | |
| ROHI | | |
| RUBI | | |
| SOAU | | |
| VETH | | |
| VIMI | | |

0 400 800 Feet

N



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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

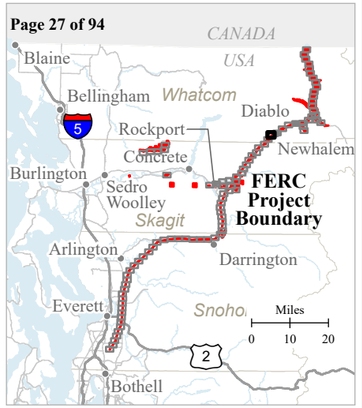
- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ARLA | GERO | CEST |
| CEDI | HIPI | CYSC |
| HIPI | PHAR | GERO |
| LIPU | RUBI | PHAR |
| RUBI | TAVU | ROHI |
| SOAU | | RUBI |
| VETH | | TAVU |

0 400 800 Feet

N



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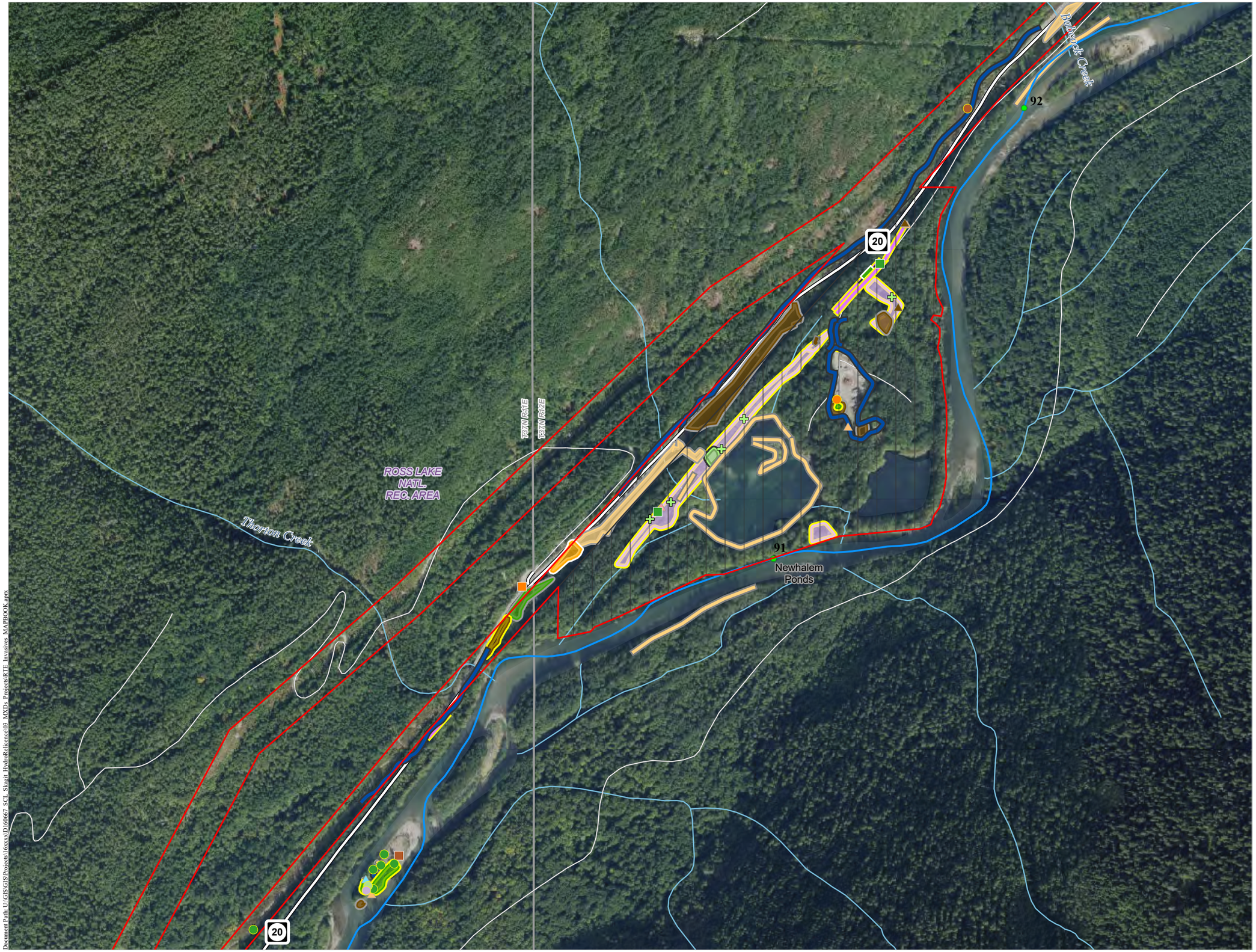
# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK



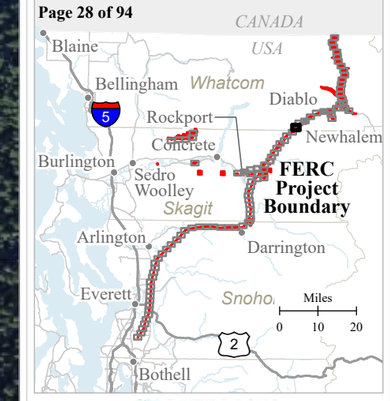

FERC Project Boundary
Mitigation Parcel
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ARLA | ARLA | CEDI |
| CEDI | GERO | CYSC |
| CLVI | PHAR | GERO |
| CRMO | RUBI | HIPI |
| CYSC | TAVU | LIDA |
| FAJA | | PHAR |
| GERO | | RUBI |
| HIPI | | TAVU |
| ILAQ | | VETH |
| LIPU | | |
| PHAR | | |
| RUBI | | |
| VETH | | |

0 400 800 Feet

N



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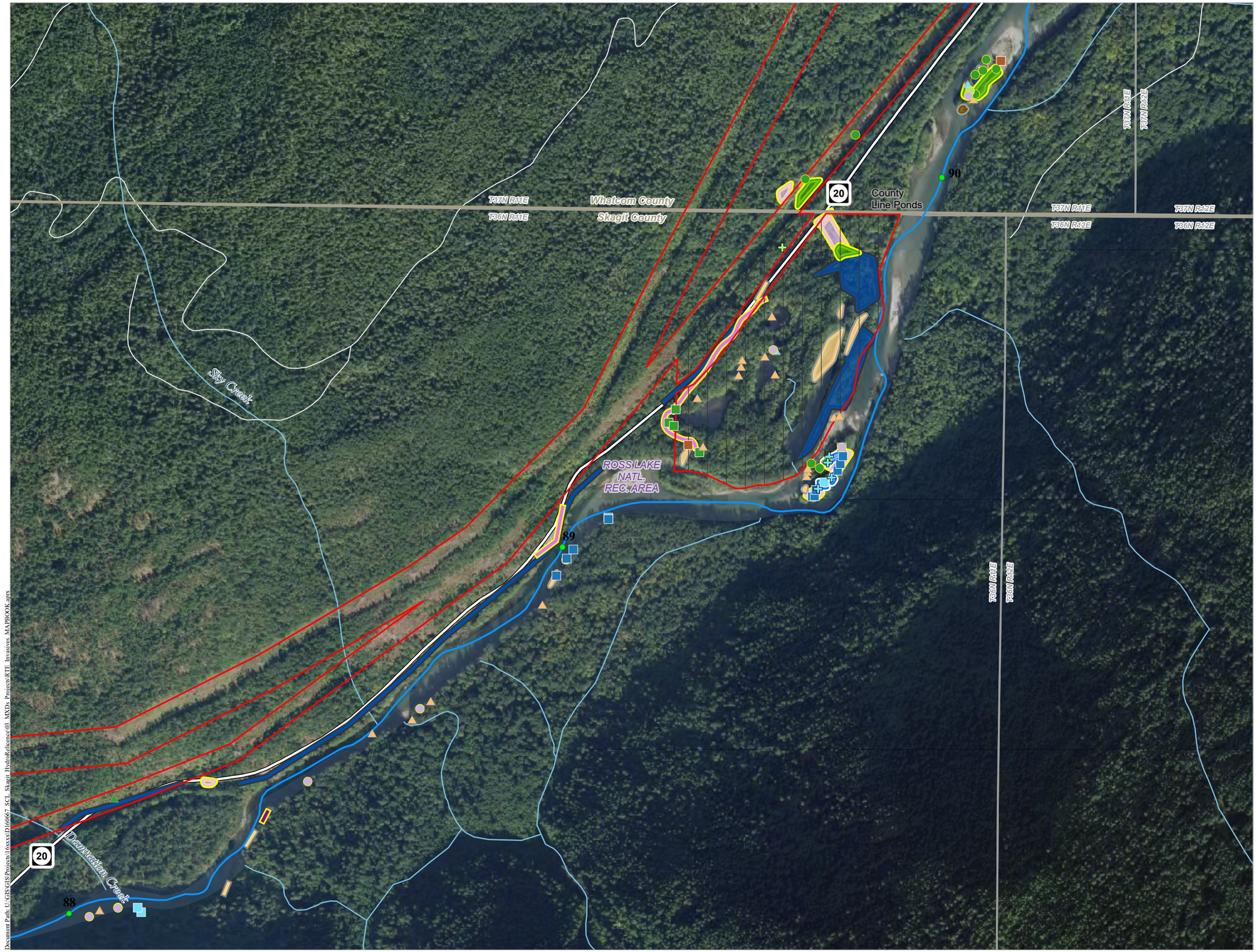


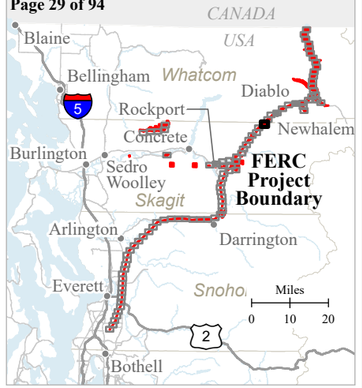

FERC Project Boundary
Mitigation Parcel
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ACPL | GERO | ACPS |
| ACPS | HEHE | CLVI |
| ARLA | PHAR | CYSC |
| CLVI | TAVU | GERO |
| CRMO | | PHAR |
| CYSC | | PORE |
| GERO | | RUBI |
| ILAQ | | TAVU |
| LIDA | | |
| PHAR | | |
| SOAU | | |
| VETH | | |

0 400 800 Feet

N



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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

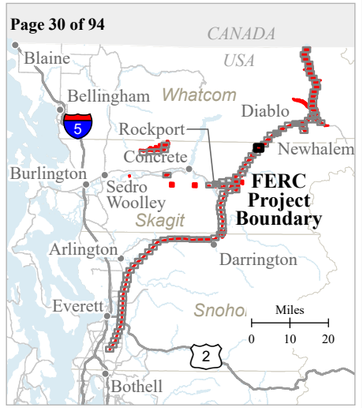
- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ACPL | GERO | ACPS |
| ACPS | HEHE | CLVI |
| CLVI | PHAR | CYSC |
| CRMO | TAVU | GERO |
| CYSC | | PHAR |
| GERO | | TAVU |
| LIDA | | |
| PHAR | | |
| RUBI | | |
| SOAU | | |

0 400 800 Feet

N



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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

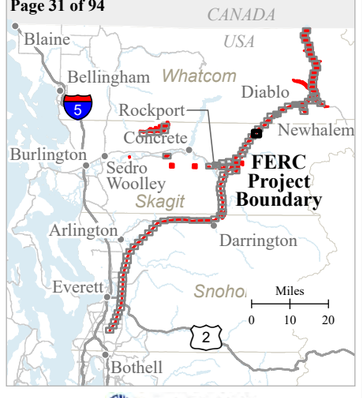
FERC Project Boundary
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ARLA | GERO | CYSC |
| CLVI | RUBI | GERO |
| CYSC | TAVU | RUBI |
| GERO | | TAVU |
| VETH | | VETH |

0 400 800 Feet

N



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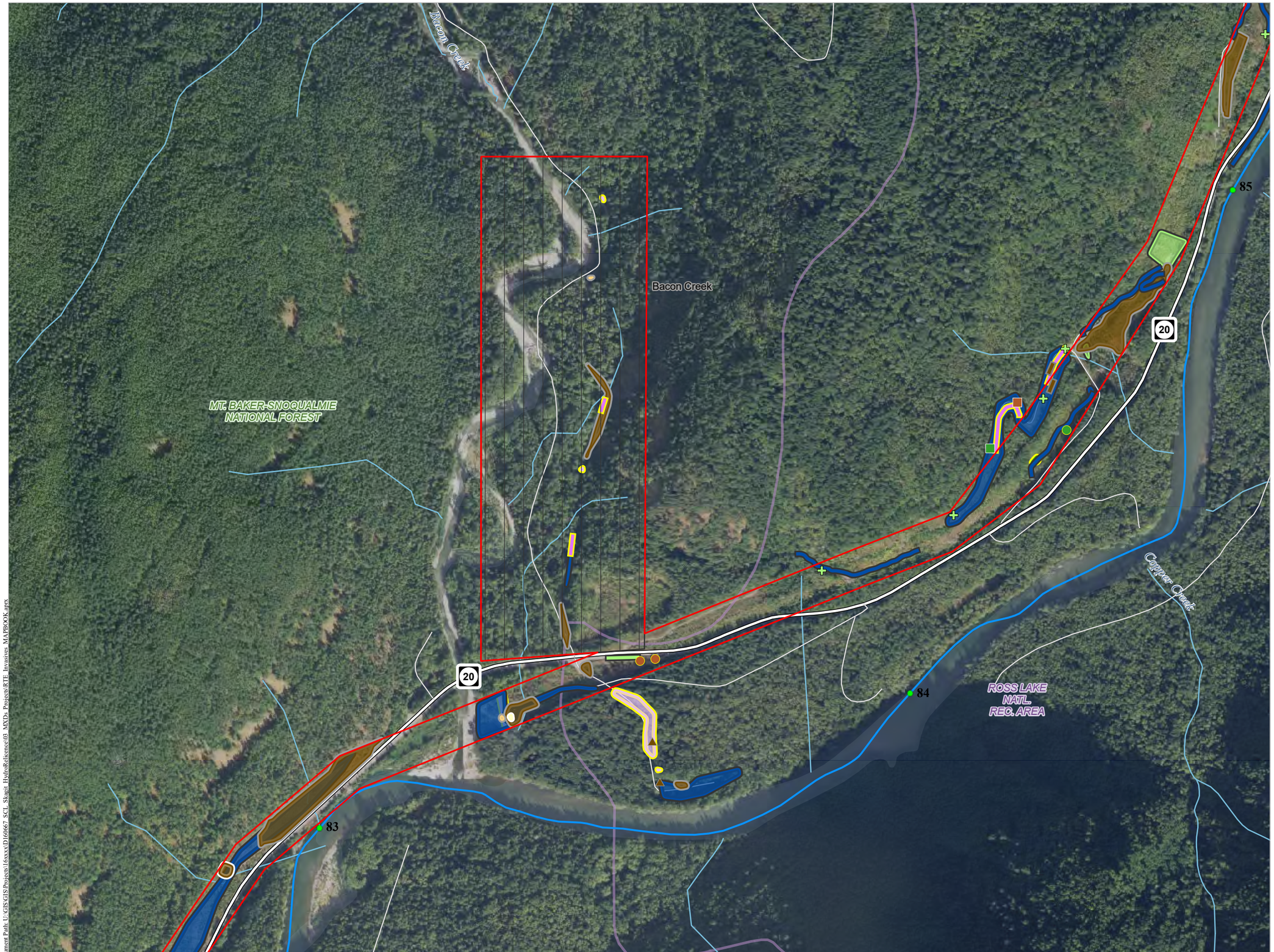
# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK



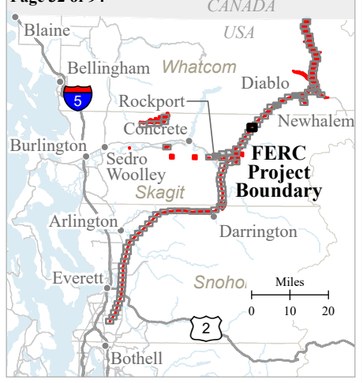

FERC Project Boundary
Mitigation Parcel
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ARLA | GERO | CIAR |
| CLVI | RUBI | CLVI |
| CYSC | TAVU | CYSC |
| HIPI | VETH | GERO |
| RUBI | | PHAR |
| VETH | | RUBI |
| | | TAVU |
| | | VETH |

0 400 800 Feet

N



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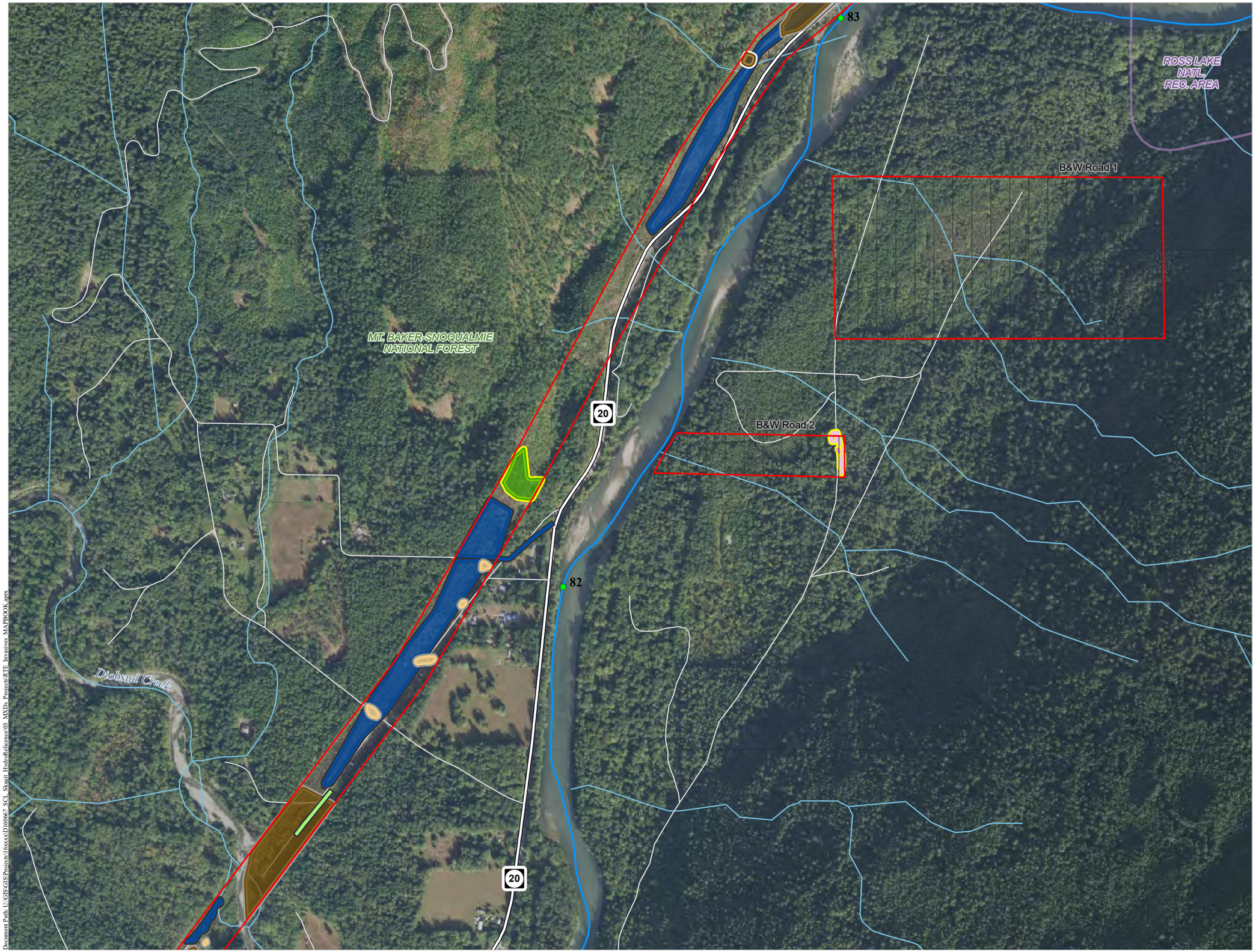



# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

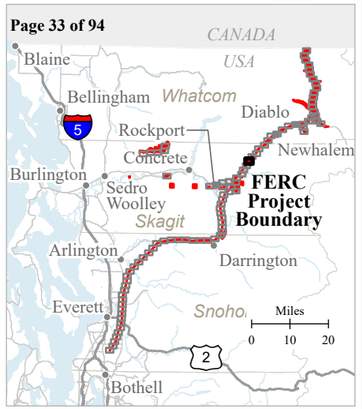
- FERC Project Boundary
- Mitigation Parcel
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Streams

| Invasive Line | Invasive Polygon |
|---|---|
| GERO | CLVI |
| TAVU | CYSC |
| VETH | GERO |
| | PHAR |
| | RUBI |
| | TAVU |

0 400 800 Feet

N



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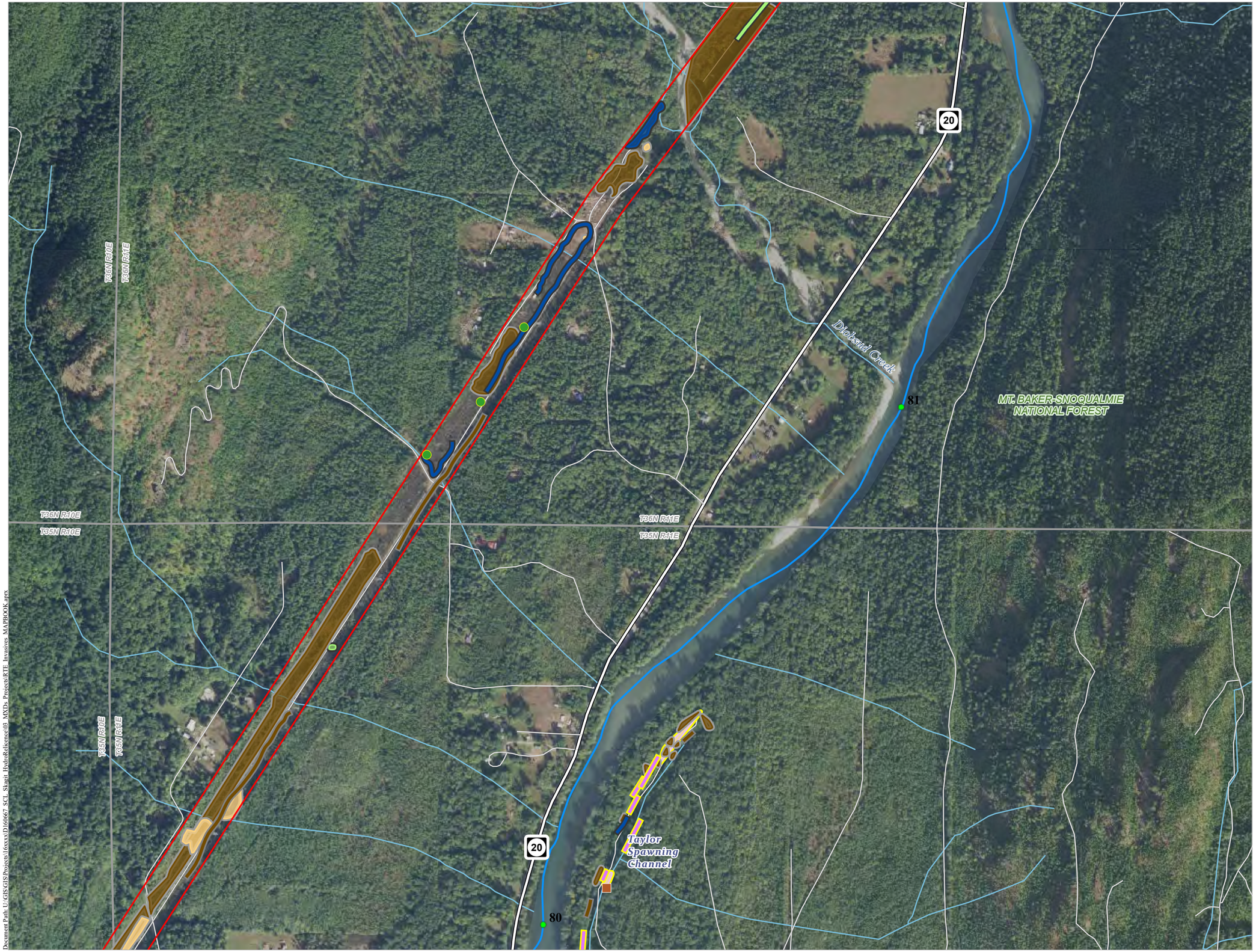



# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

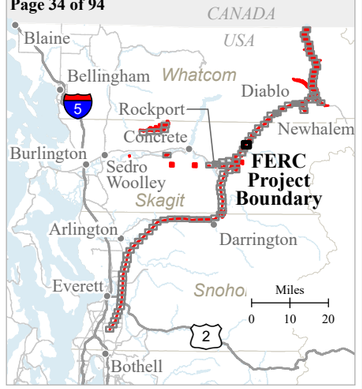
- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| CLVI | GERO | GERO |
| CYSC | RUBI | PHAR |
| | TAVU | RUBI |
| | VETH | TAVU |
| | | VETH |

0 400 800 Feet

N



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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

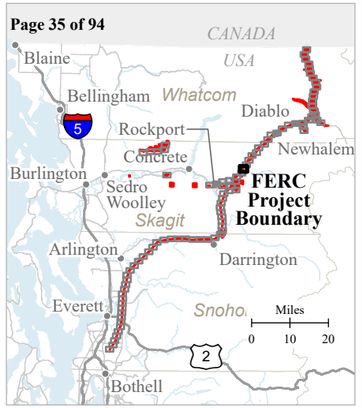
- FERC Project Boundary
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| CLVI | GERO | GERO |
| JUNI | PORE | PHAR |
| PORE | RUBI | RUBI |
| | TAVU | TAVU |

0 400 800 Feet

N



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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

FERC Project Boundary
Mitigation Parcel
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams

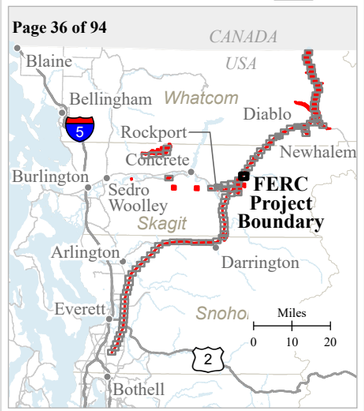
Invasive Point
- JUNI
- PORE

Invasive Polygon
- CYSC
- PHAR
- ROHI
- RUBI
- TAVU

0 400 800 Feet

N



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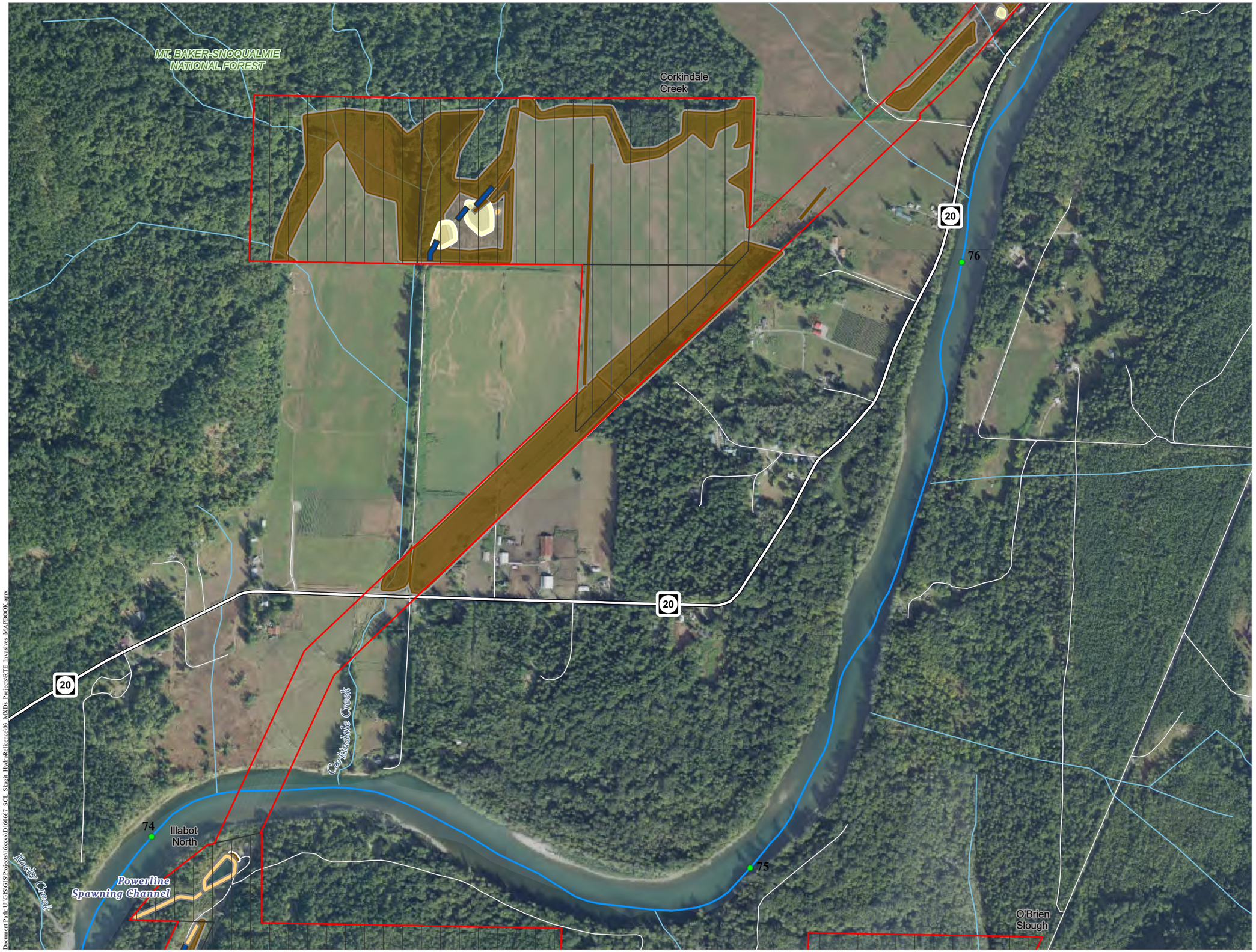


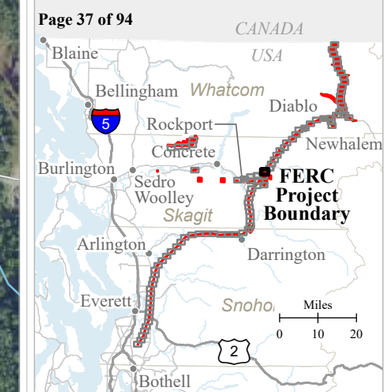

FERC Project Boundary
Mitigation Parcel
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams

| Invasive Line | Invasive Polygon |
|---|---|
| PHAR | CIAR |
| RUBI | CLVI |
| TAVU | PHAR |
| | ROHI |
| | RUBI |
| | TAVU |

0 400 800 Feet

N



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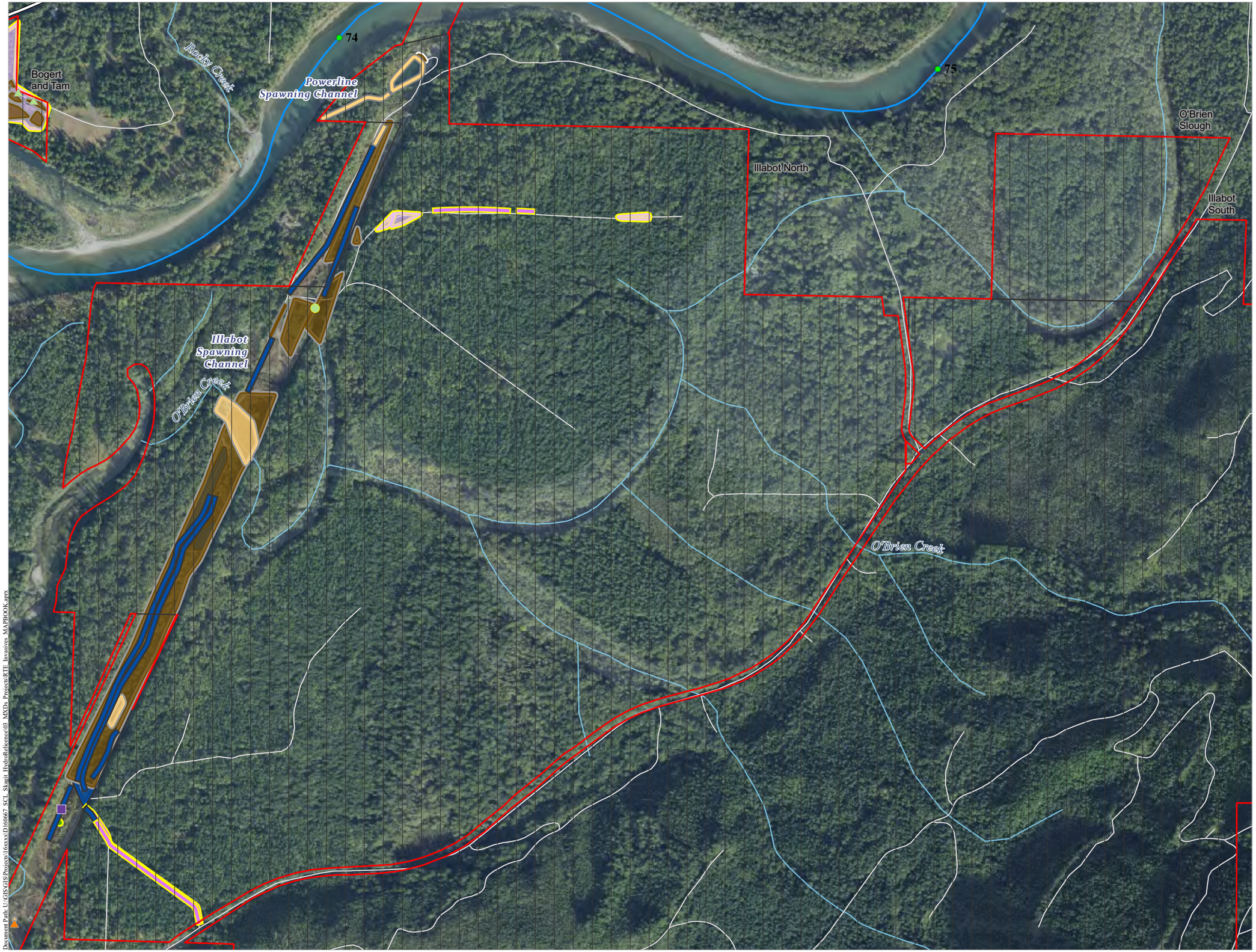



# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

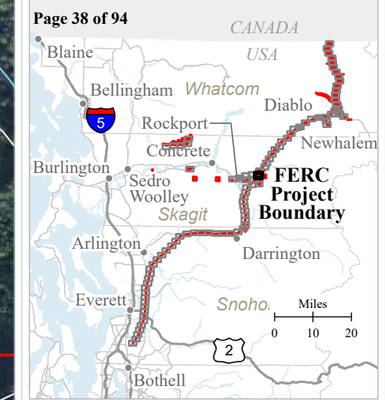
- FERC Project Boundary
- Mitigation Parcel
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| CEST | GERO | CLVI |
| CRMO | PHAR | CYSC |
| JUNI | RUBI | GERO |
| PORE | TAVU | PHAR |
| | | RUBI |
| | | TAVU |

0 400 800 Feet

N



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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

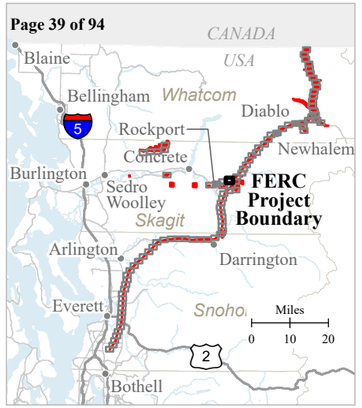
FERC Project Boundary
Mitigation Parcel
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| BUDA | PHAR | BUDA |
| JUNI | RUBI | CLVI |
| SOAU | TAVU | FAJA |
| | | GERO |
| | | PHAR |
| | | RUBI |
| | | TAVU |

0 400 800 Feet

N



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# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK

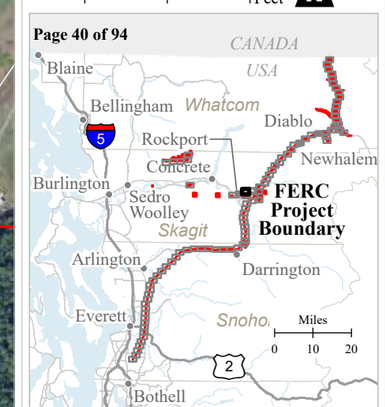
- FERC Project Boundary
- Mitigation Parcel
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| BUDA | CLVI | CLVI |
| SOAU | CYSC | CYSC |
| | PHAR | PHAR |
| | RUBI | RUBI |

0 400 800 Feet

N



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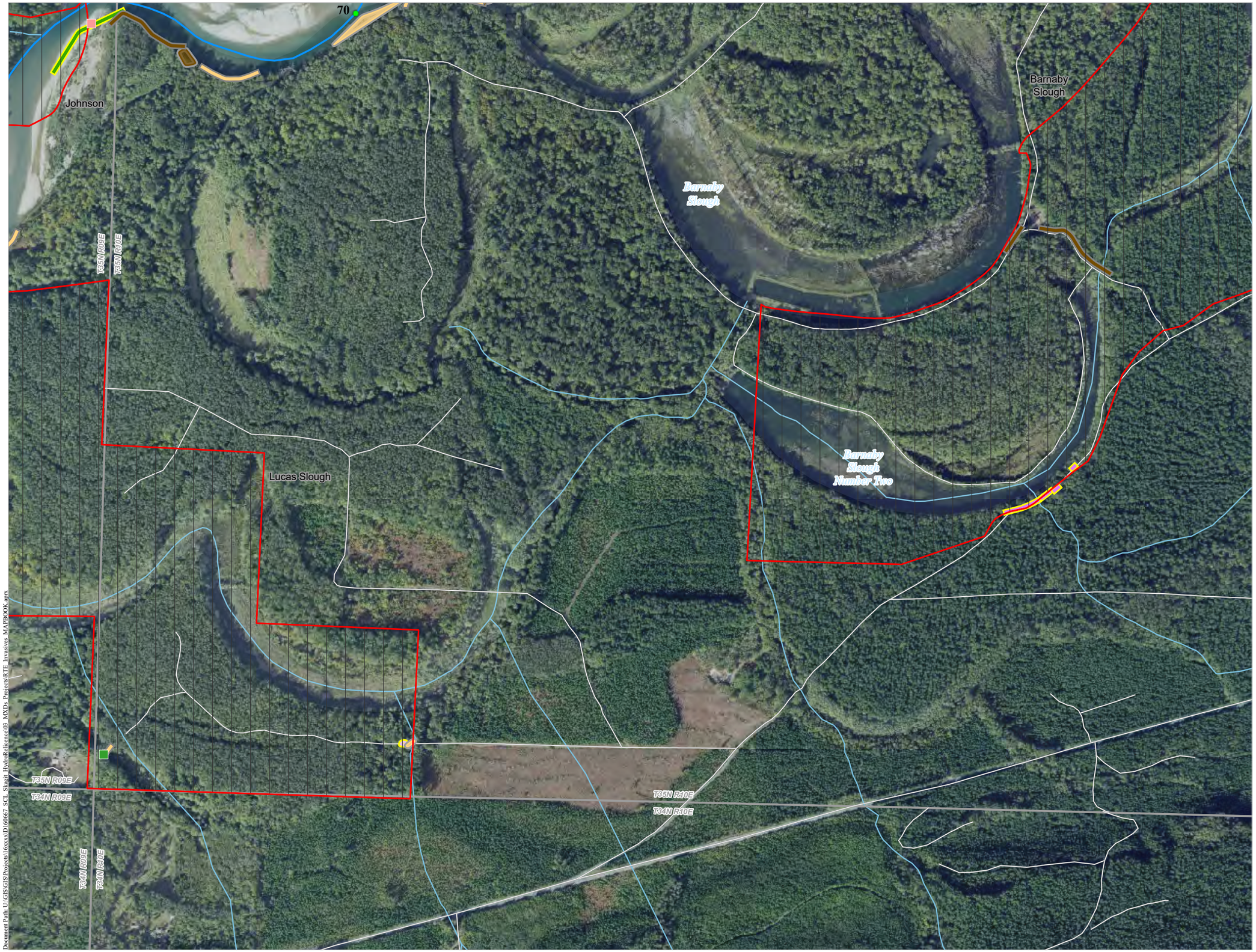
# TR-04 DRAFT INVASIVE PLANTS SURVEY RESULTS MAPBOOK



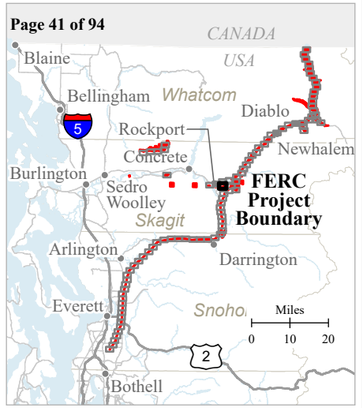

FERC Project Boundary
Mitigation Parcel
Project River Miles
Project River Centerline
Other Road
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| ARLA | CYSC | GERO |
| BUDA | GERO | PHAR |
| | PHAR | RUBI |
| | RUBI | |

0 400 800 Feet

N



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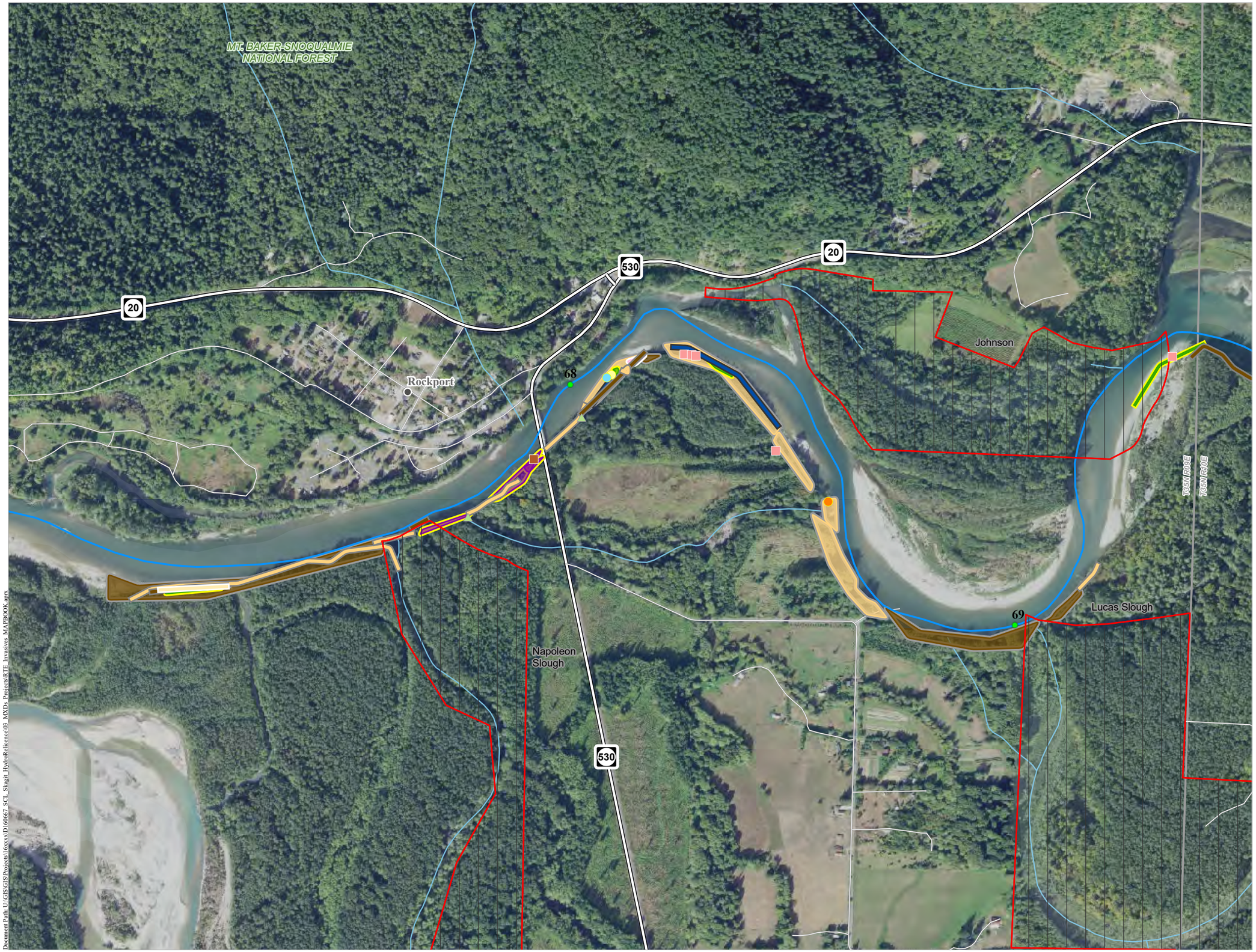


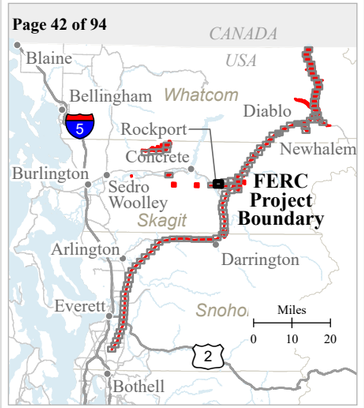

FERC Project Boundary
Mitigation Parcel
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| BUDA | CIAR | BUDA |
| CLVI | CYSC | CYSC |
| COAR | PHAR | HEHE |
| FAJA | RUBI | PHAR |
| HIAU | TAVU | RUBI |
| JUNI | | TAVU |

0 400 800 Feet

N



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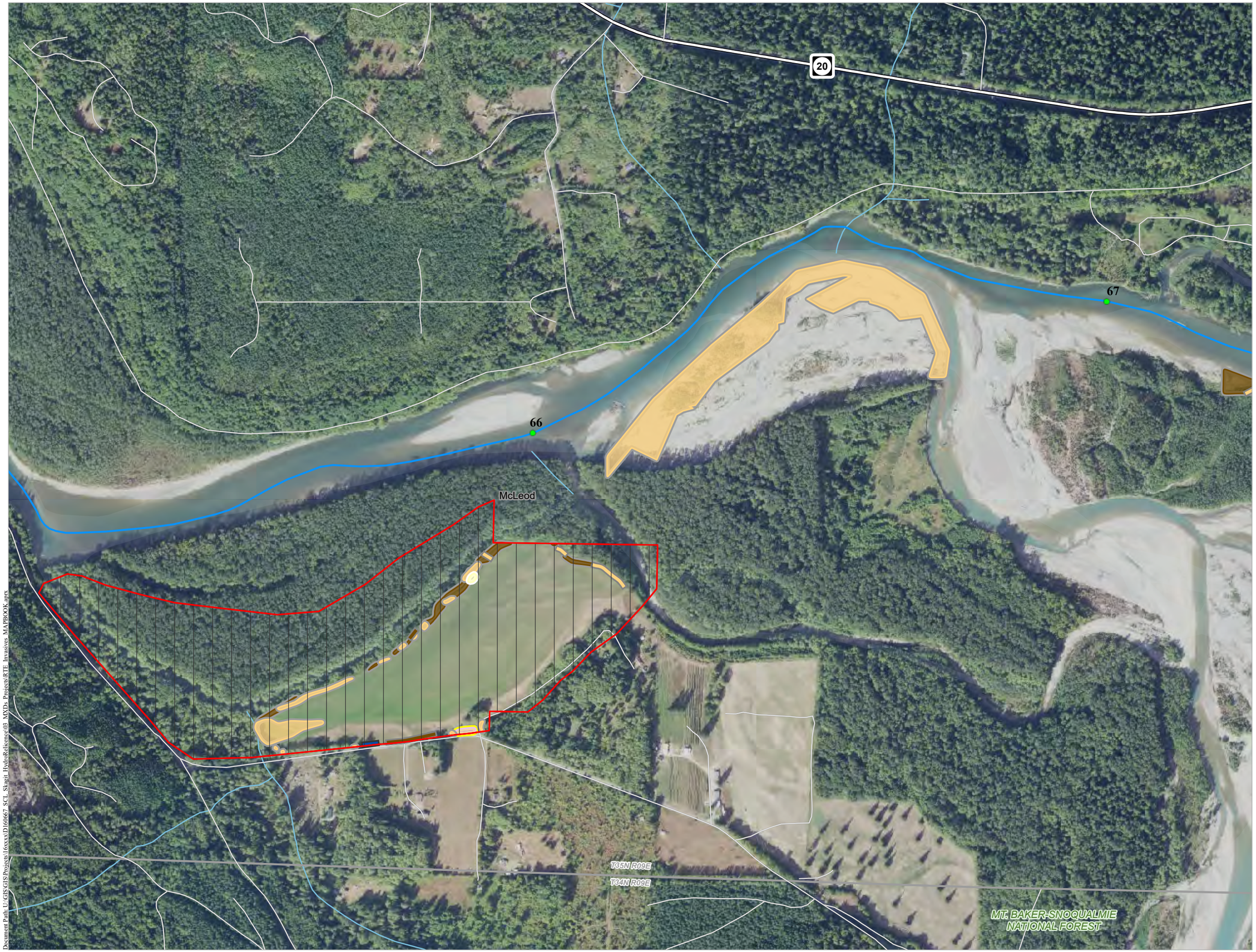


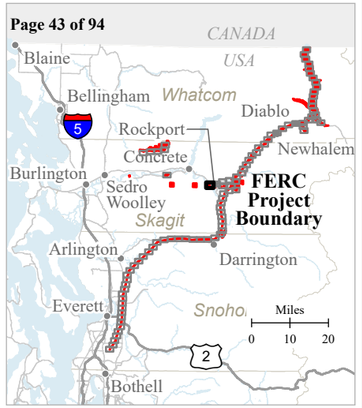

FERC Project Boundary
Mitigation Parcel
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams

| Invasive Line | Invasive Polygon |
|---|---|
| PHAR | CIAR |
| RUBI | GERO |
| TAVU | PHAR |
| | RUBI |
| | TAVU |

0 400 800 Feet

N



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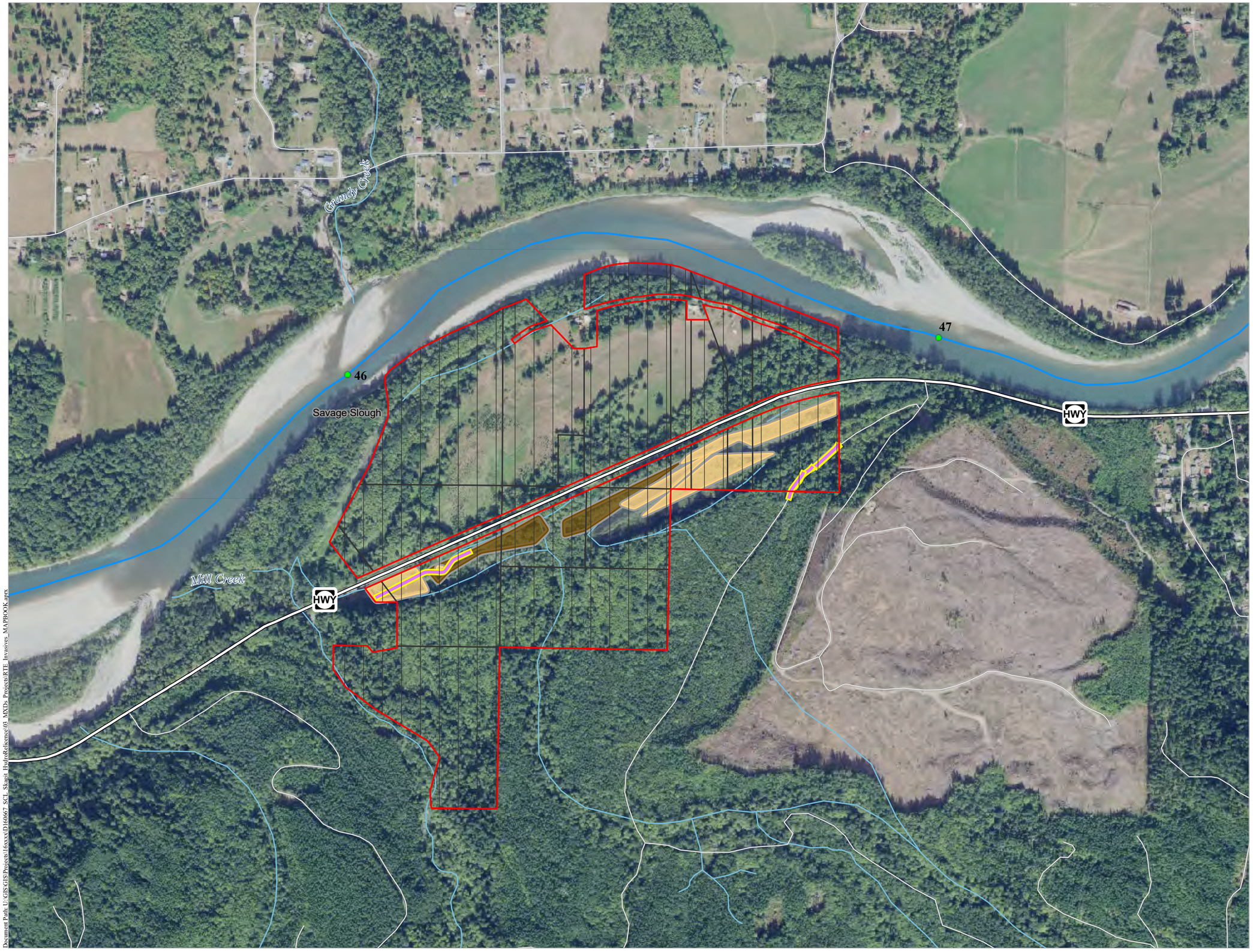


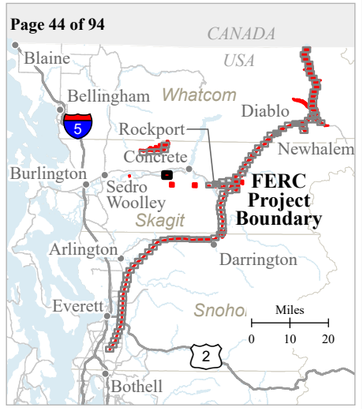

FERC Project Boundary
Mitigation Parcel
Project River Miles
Project River Centerline
Secondary Highway
Other Road
Streams

| Invasive Line | Invasive Polygon |
|---|---|
| GERO | PHAR |
| | RUBI |

0 400 800 Feet

N



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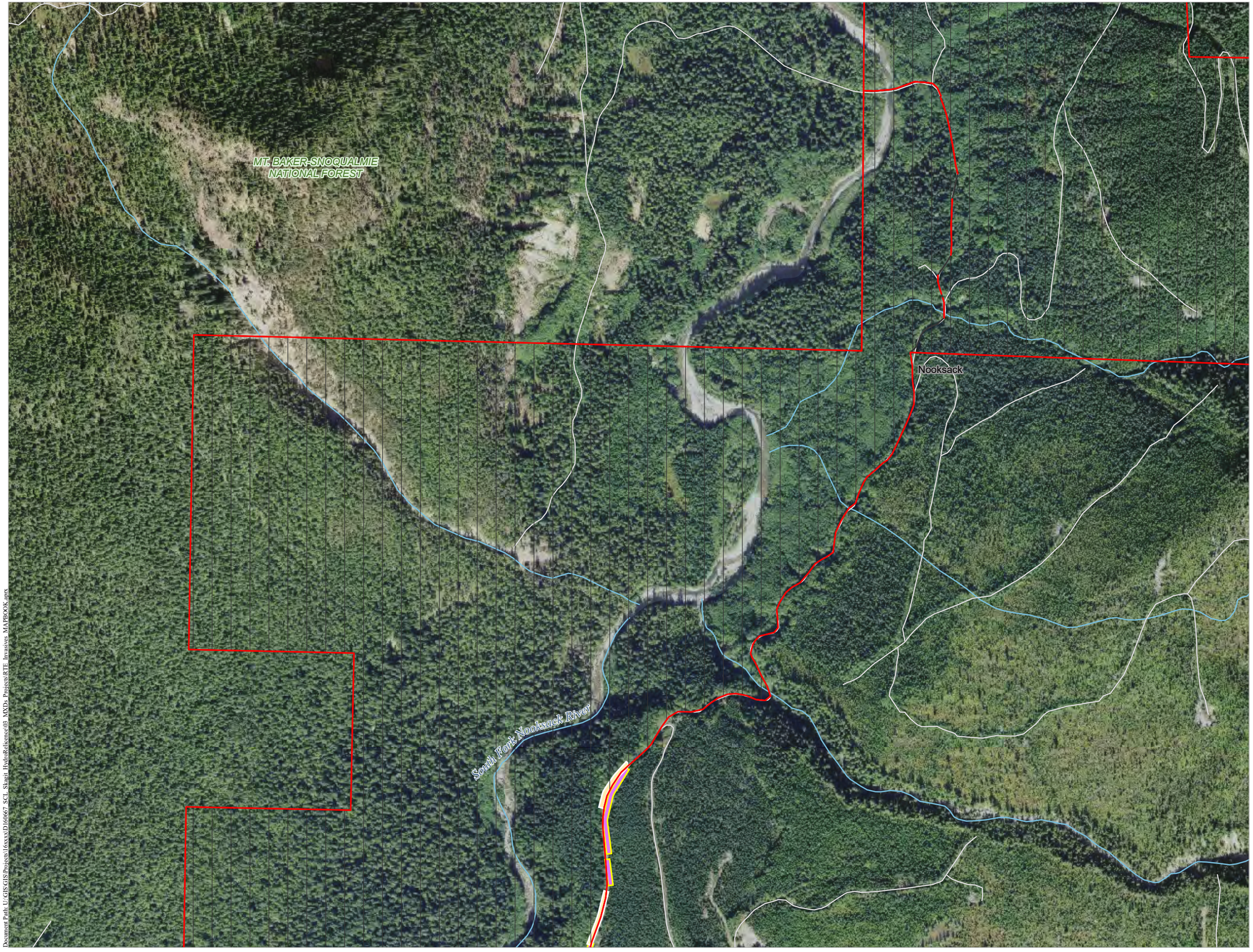


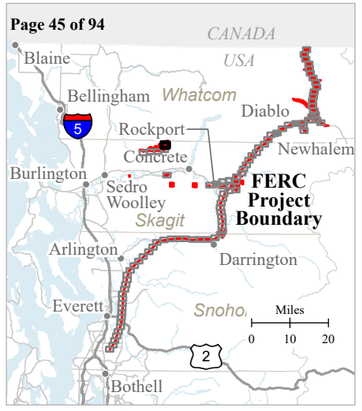

FERC Project Boundary
Mitigation Parcel
Other Road
Streams

Invasive Line
CIAR
GERO

0 400 800 Feet

N



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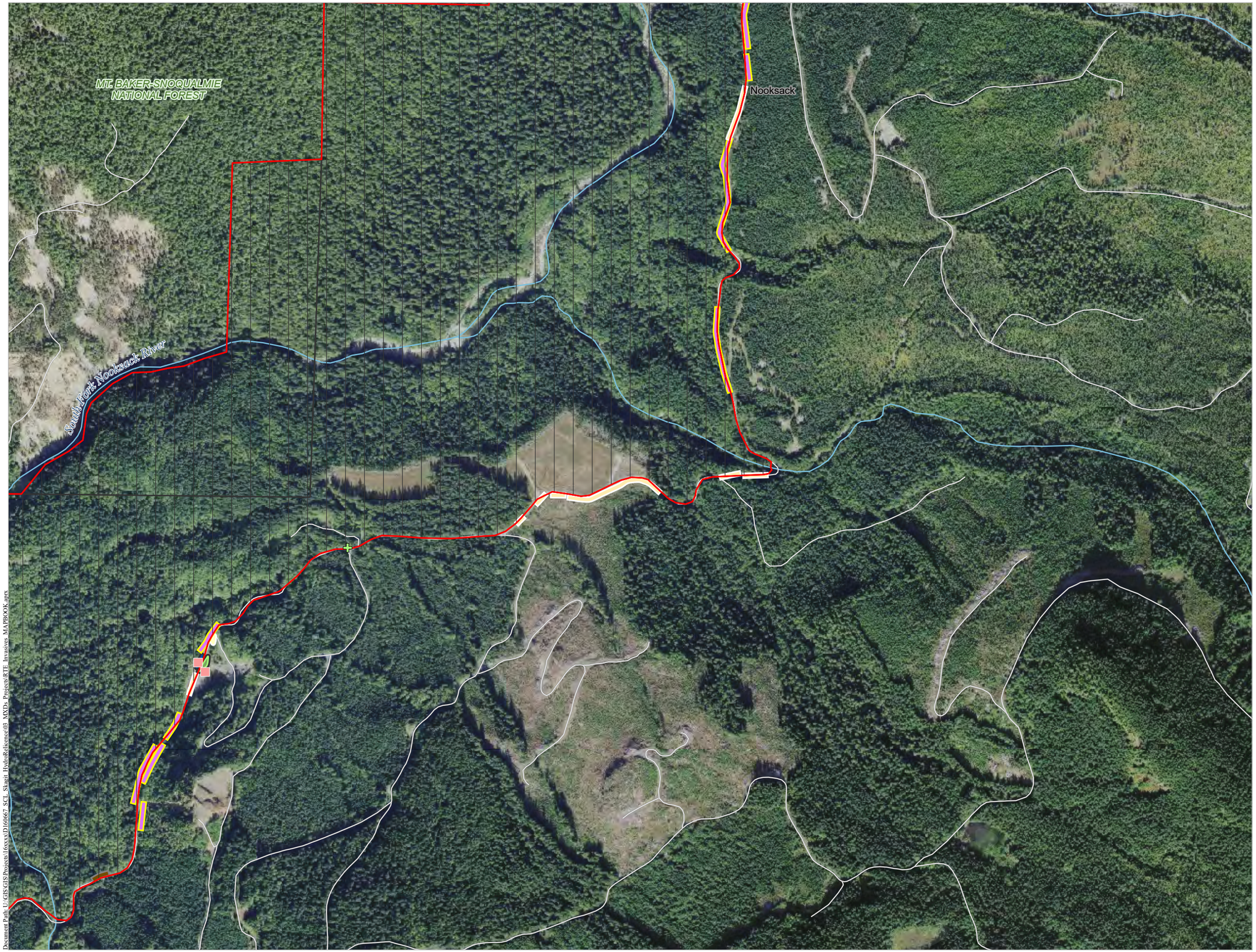


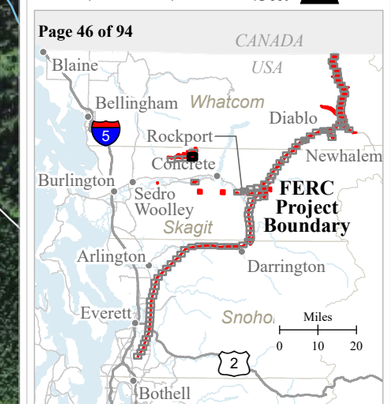

FERC Project Boundary
Mitigation Parcel
Other Road
Streams

| Invasive Point | Invasive Line | Invasive Polygon |
|---|---|---|
| BUDA | CIAR | CIAR |
| VETH | GERO | RUBI |
| | RUBI | TAVU |
| | | VETH |

0 400 800 Feet

N



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