

Boundary Hydroelectric Project (FERC No. 2144)
Addendum to Exhibit G of the License Application

Seattle City Light

March 2010

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1 INTRODUCTION TO EXHIBIT G ADDENDUM

This document is an addendum to Exhibit G of Seattle City Light's (SCL) License Application for the Boundary Hydroelectric Project (FERC No. 2144) that was filed with FERC on September 29, 2009. The inserts on the following pages represent a complete replacement of Exhibit G (filed as part of the License Application) in its entirety.

The organization of the following document parallels that of Exhibit G, i.e., sections are presented in the same order and all revised sections, tables, and figures are numbered or referred to according to the same scheme used in Exhibit G.

2 REVISED EXHIBIT G

2.1. Content

Exhibit G comprises the full set of maps showing the Federal Energy Regulatory Commission (FERC) project boundary of the Boundary Hydroelectric Project (Project) as proposed as part of the Settlement Agreement.

The 9-map series, included in Appendix 1, depicts the location and principal features of the Project and delineates the FERC Project boundary in conformance with 18 C.F.R § 4.39 and 18 C.F.R. § 4.51(h), incorporating by reference § 4.41(h).¹ The supporting vector and text data for these maps (as listed in Appendix 1) are being provided to FERC in electronic format and are available to relicensing participants upon request. In addition, the table in Appendix 2 describes the current Project boundary as a series of bearings and distances and horizontal curves. The information in Appendix 2 will be updated and provided to FERC upon approval of the proposed Project boundary.

2.2. Description of Proposed Boundary

The following describes the method used to depict the proposed Project boundary on the Exhibit G maps:

- A. In the vicinity of the dam and power plant: Lines along or parallel to lines of public land survey.
- B. Reservoir, downstream of the centerline of Section 21, T39N, R43E, except for the area described in A above: Lines approximately 200 feet horizontal measurement from the high water level of the reservoir. (The high water level of the reservoir as observed by surveyors in 2009 has those physical features commonly referred to as the line of ordinary high water, and is depicted using level foot contours between elevation 1,996 feet and 1,994 feet North American Vertical Datum [NAVD] 88.²)

¹ The original maps, stamped and signed by a surveyor, were submitted to FERC as part of the filing of the License Application and subsequently the Settlement Agreement. To maintain legibility and color quality, the maps provided to relicensing participants are the unsigned version.

² Elevation values are in datum NAVD 88 unless otherwise noted.

- C. Reservoir, upstream of the centerline of Section 21, T39N, R34E: The line of ordinary high water. (The line of ordinary high water as observed by surveyors in 2009 is generally depicted using level foot contours between elevation 2,007 feet and 2,004 feet NAVD 88.)
- D. West bank of river, downstream of tailrace (downstream of Government Lot 7): The line of ordinary high water. (The line of ordinary high water is depicted using a level foot contour at elevation 1,746 feet NAVD 88.)
- E. Roads and recreation areas: as necessary to include Project features.
- F. Boundary Wildlife Preserve, Boundary Wildlife Preserve Addition, and Project Habitat Lands at Everett Creek and Sullivan Creek: Specified courses and distances (metes and bounds) for the specific parcels upland of ordinary high water as observed in 2009.

This method of depiction is consistent with the definition of the Project boundary in the current license.³ The method of depiction is also the same as that used in the current Exhibit K and approved by the FPC (40 F.P.C. 1515) with the following exceptions:

- In the lower reservoir (item B above), Exhibit G depicts the high water level of the reservoir as observed by surveyors in 2009, rather than the predicted line of high water (1,990 feet NGVD 29) that was used in Exhibit K. Because the observed high water level of the reservoir varies along the reservoir, it is shown using level foot contours between elevations 1,996 feet and 1,994 feet NAVD 88. The 1,996-foot NAVD 88 contour is used to depict the high water level of the reservoir through Metaline Falls up to the centerline of Section 21;
- In the lower reservoir (item B above), Exhibit G depicts the Project boundary an even 200 feet horizontal measurement from the high water level of the reservoir as described above, rather than a surveyed line (metes and bounds) as used in Exhibit K;
- In the upper reservoir (item C above), Exhibit G depicts the line of ordinary high water observed by surveyors in 2009, rather than the line of ordinary high water observed by surveyors in 1967 that was used in Exhibit K. Because the observed line of ordinary high water varies along the reservoir, it is shown using level foot contours between elevations 2,007 feet and 2,004 feet NAVD 88 except in limited areas where vegetation lines better reflect ordinary high water;
- In the upper reservoir (item C above), Exhibit G depicts the Project boundary as coincident with the line of ordinary high water as described above, rather than a surveyed line (metes and bounds) as used in Exhibit K;
- The description of the boundary along the east and west banks of the river, downstream of the tailrace (item D above) is new in Exhibit G. It relates to the

³ Article 37 of the License, as revised July, 1961 (26 F.P.C. 54, 60), provides that SCL shall submit Exhibits showing the “final project boundary in accordance with the Commission’s Rules and regulations which project boundary except in the vicinity of the dam and power plant and except upstream from Metaline Falls shall be 200 feet horizontal measurement from the high-water level of the reservoir.” The purpose of the 200-foot setback in the area downstream of Metaline Falls is to create a buffer zone between the reservoir and any future mining developments for the protection of mines. 26 F.P.C. at 56.

proposed addition of the upland area on the east and west banks of the river to the north of the current boundary. The west bank area contains operations and maintenance support facilities and roads. The east bank area contains project habitat lands. The line of high water correlates to water levels observed in the tailrace at high water flows of between 75,000 and 80,000 cfs;

- The general description of boundaries for roads and recreation areas (item E above) is new in Exhibit G; and
- The general description of boundaries for wildlife and Project Habitat Lands (item F above) is new in Exhibit G.

For purposes of comparison, Exhibit G shows the location of the current Project boundary (red line) as well as the updated Project boundary using the methodology described above (black line). All features on Exhibit G that are based on contour lines utilize the current hydrologic and topographic data collected as part of the study program for the Project.

The updated depiction of the Project boundary described above results in several changes to lands associated with the Project. First, maintaining the 200-foot horizontal mine safety buffer around the lower reservoir results in the addition of some lands to the Project boundary and the removal of other lands, depending on location. Second, relocation of the line of ordinary high water in the upper reservoir results in corresponding changes to the shape and acreage of state lands below ordinary high water and of adjoining uplands. For example, the acreage of the Boundary Wildlife Preserve (BWP) using the updated line of ordinary high water as shown in Exhibit G is 147.6 acres compared to the 149 acres calculated from the historic line of ordinary high water shown in Exhibit K. The acreages presented in Exhibit A are based upon the updated depiction of the Project boundary in Exhibit G. In contrast, study plans and their respective reports, as reflected in Exhibit E, are based upon the existing Project boundary in Exhibit K and thus may present acreage values that differ slightly from those values presented in Exhibits A and G.

In addition to showing the high water level of the reservoir and line of ordinary high water as observed in 2009, Exhibit G shows the normal maximum water surface elevation (NMWSE) for the reservoir. This elevation was generated using the Hydraulic Routing Model (HRM) to model the reservoir's water surface elevation when inflow to the Boundary Reservoir is 55,000 cfs and the forebay elevation is 1,994 feet NAVD 88. These conditions reflect the maximum inflow at which the Project is operated with a full pool level of 1,994 feet NAVD 88. In the lower reservoir, the modeled NMWSE is coincident with the high water level of the reservoir observed by surveyors in 2009. In the upper reservoir, the modeled NMWSE is slightly lower than the line of ordinary high water observed by surveyors in 2009. Because the NMWSE varies along the upper reservoir, it is shown using level foot contours between elevations 2,003 feet and 2,001 feet NAVD 88.

Specific changes to the Project boundary proposed as part of the Settlement Agreement are summarized in Table G.2-1.

The following table replaces Table G.2-1, Summary of specific changes to the project boundary for the Boundary Project, in Exhibit G of the License Application.

Exhibit G Figure No.	Location	Project Feature	Rationale for Change
G-1	T40N R43E Section 3	Operations and Maintenance Support Area	Buildings, roads and equipment needed for Project operations
G-1	T40N R43E Section 11	FR 3165-350 (road over the dam between West Side Access Road and Vista House)	Needed to access dam and Vista House
G-1	T40N R43E Section 10	BPA Substation Road	Used primarily for Project purposes and needed to access SCL transmission line, towers and equipment
G-1	T40N R43E Section 10	Spur off the BPA Substation Road	Used exclusively for Project purposes and needed to access SCL transmission line, towers and equipment; Project security
G-1	T40N R43E Section 10	South end of FR 6200-348	Used exclusively for Project purposes and needed to access SCL transmission line, towers and equipment
G-1	T40N R43E Sections 10 and 15	West Side Access Road	Used exclusively for Project purposes and needed for new road alignment to access Project
G-1	T40N R43E Section 11	FR 3165-325	Needed to access the proposed East Peewee Falls Trail Area from POC 3990 / FR 3165-000 to junction with FR 3165-315
G-1	T40N R43E Section 11	FR 3165-315	Needed to access the proposed East Peewee Falls Trail Area from FR 3165-325 to recreation area
G-1	T40N R43E Section 3	Tailrace East parcel	Needed for wildlife management purposes
G-3	T40N R43E Sections 27, 34, and 35	Everett Creek parcel	Needed for wildlife management purposes
G-3 and G-4	T39N R43E Section 2 and T40N R43E Sections 35 and 36	FR 3100-172	Needed to access the proposed Riverside Mine Canyon Overlook from State Route 31 to junction with FR 3100-178
G-4	T39N R43E Section 2 and T40N R43E Section 35	FR 3100-178	Needed to access the proposed Riverside Mine Canyon Overlook from FR 3100-172 to junction with overlook area

Table G.2-1, continued...

Exhibit G Figure No.	Location	Project Feature	Rationale for Change
G-6	T39N R43E Sections 21 and 22	Sullivan Creek parcel	Needed for wildlife management purposes
G-6	T39N R43E Section 21	Metaline Falls Portage Trail	Needed for location of proposed recreation improvements
G-8	T38N R43E Sections 8 and 17	Boundary Wildlife Preserve and adjoining 89 acres (Boundary Wildlife Preserve Addition)	Needed for wildlife management purposes
G-9	T38N R43E Section 19	Pend Oreille County Public Utility District's Campbell Park boat launch and downstream end of Box Canyon Project boundary	Proposed for removal from Boundary Project to eliminate overlap with Box Canyon Project boundary

For a number of resource protection and enhancement measures being proposed, plans are not sufficiently developed to define the location and/or boundary. SCL is not proposing to expand the Project boundary for these measures at this time. These measures are summarized in Table G.2-2. At such time as these measures are approved and their specific locations determined, they will be proposed for inclusion in the Project boundary. Those measures for which an approximate location is known are shown as a dashed line on the Project boundary maps in Appendix 1.

The following table is new, i.e., it was not included in Exhibit G of the License Application.

Table G.2-2. Measures that will be proposed for addition to the project boundary for the Boundary Project at a future date when specific location is determined.

Exhibit G Figure No.	Location	Project Feature	Rationale for Inclusion
G-1	T40N R43E Section 11	East Peewee Falls Trail Area	Needed for location of proposed recreation improvements; to include a (potential) road extension, parking area, trail, and overlook
G-1, G-2, G-3 and G-4	T40N R43E Sections 11, 14, 23, 26, 35, and 36	Eastside Trail	Needed for location of proposed recreation improvements
G-4	T40N R43E Section 35	Riverside Mine Canyon Overlook	Needed for location of proposed recreation improvements
G-6	T39N R43E Section 28	Metaline Waterfront Park Boat Launch	Needed for location of proposed recreation improvements
G-7	T38N R43E Section 4	Wolf Creek Dispersed Recreation Site	Needed for location of proposed recreation enhancements
G-7	T38N R43E Section 5	Mouth of Sweet Creek	Needed for location of multiple proposed habitat restoration measures
G-9	T38N R43E Section 18	Dispersed Recreation Site #15	Needed for location of proposed dispersed recreation site
N/A; location TBD	N/A	Additional Project Habitat Lands	Needed for wildlife management purposes (specific lands not yet identified)
N/A; location TBD	N/A	Large woody debris placement in tributary deltas	Needed for habitat improvements. Specific locations not yet determined.

As shown in Figures G.2-1 and G.2-2, the FERC Project boundary has a vertical component as well as a horizontal component in mine safety areas – i.e., in the vicinity of the dam and power plant and along the reservoir. Figures G.2-1 and G.2-2 are updated versions of the Typical River Cross Section and Profile from Sheet 9 of Exhibit K (FPC-2144-80) as approved by the Federal Power Commission (40 F.P.C. 1515, 1517). The figures illustrate the depth of the FERC Project boundary below the surface in the mine safety buffer areas. In the upper reservoir, the mine safety buffer is the area beneath the reservoir down to a depth of approximately 500 feet beneath the river bottom. In the lower reservoir, the buffer includes lands 200 feet horizontally from the high water level of the reservoir, and again extends down to approximately 500 feet beneath the river bottom. In the area around the dam and power plant, which is denoted on Exhibit G as the “Mining Exclusion Area,” mining is not permitted at any depth. Figure G.2-1 is a generalized illustration of the mine safety buffer area in the lower reservoir. Figure G.2-2 identifies the

specific elevations to which the FERC Project boundary extends in various locations along the reservoir and in the Mining Exclusion Area.

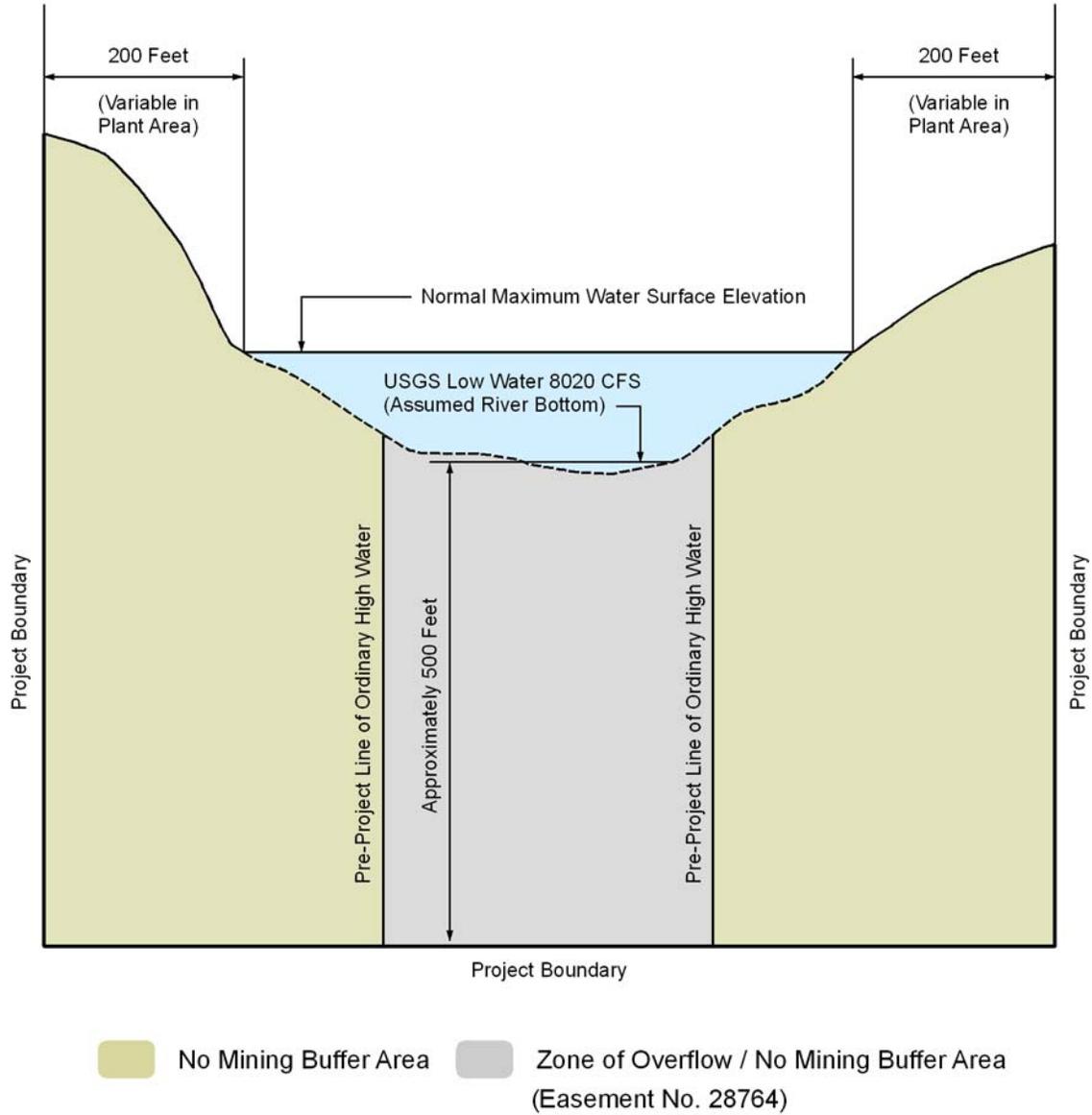


Figure G.2-1. Typical cross section of Pend Oreille River north from Metaline Falls (centerline of Section 21, T39N, R43E WM) to Mining Exclusion Area.

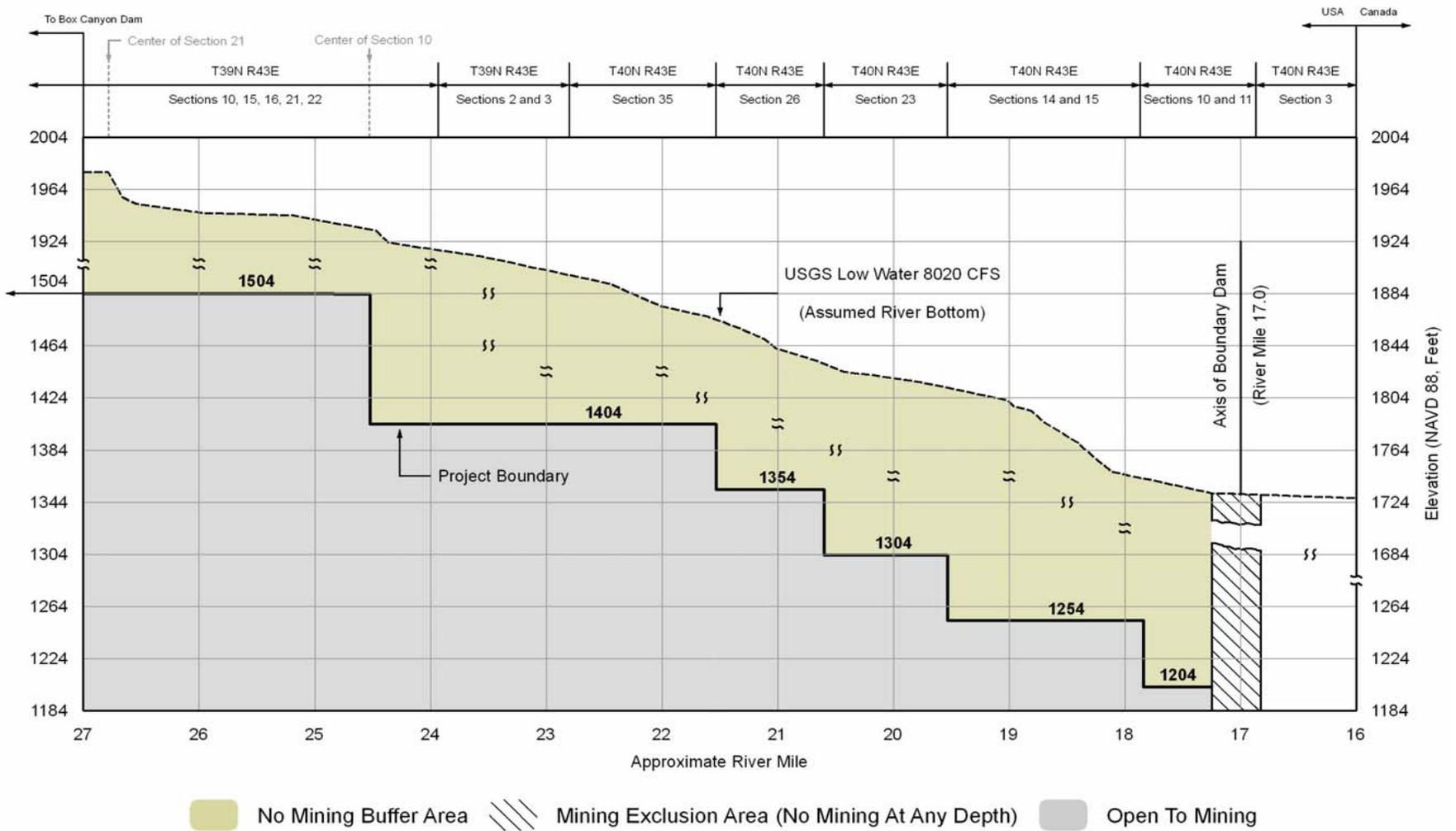


Figure G.2-2. Profile of Pend Oreille River.

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APPENDIX 1: PROJECT BOUNDARY MAPS (ATTACHMENT G-1 OF EXHIBIT G)

Summary of Supporting Data for Exhibit G (Vector and Text Data)

1) Boundary Current and Proposed Project Boundary, Figures G-1 to G-9, in PDF and TIF formats.

P-2144_G-1_ProjectBoundary.pdf
P-2144_G-1_ProjectBoundary.tif
P-2144_G-2_ProjectBoundary.pdf
P-2144_G-2_ProjectBoundary.tif
P-2144_G-3_ProjectBoundary.pdf
P-2144_G-3_ProjectBoundary.tif
P-2144_G-4_ProjectBoundary.pdf
P-2144_G-4_ProjectBoundary.tif
P-2144_G-5_ProjectBoundary.pdf
P-2144_G-5_ProjectBoundary.tif
P-2144_G-6_ProjectBoundary.pdf
P-2144_G-6_ProjectBoundary.tif
P-2144_G-7_ProjectBoundary.pdf
P-2144_G-7_ProjectBoundary.tif
P-2144_G-8_ProjectBoundary.pdf
P-2144_G-8_ProjectBoundary.tif
P-2144_G-9_ProjectBoundary.pdf
P-2144_G-9_ProjectBoundary.tif

2) Boundary Current Project Boundary as an ESRI ArcView shapefile.

P-2144_CurrentBoundaryPolygonData.dbf
P-2144_CurrentBoundaryPolygonData.prj
P-2144_CurrentBoundaryPolygonData.shp
P-2144_CurrentBoundaryPolygonData.shx

3) Boundary Current Project Boundary Federal Lands as an ESRI ArcView shapefile.

P-2144_CurrentBoundaryFederalLandsData.dbf
P-2144_CurrentBoundaryFederalLandsData.prj
P-2144_CurrentBoundaryFederalLandsData.shp
P-2144_CurrentBoundaryFederalLandsData.shx

4) Boundary Proposed Project Boundary as an ESRI ArcView shapefile.

P-2144_ProposedBoundaryPolygonData.dbf
P-2144_ProposedBoundaryPolygonData.prj
P-2144_ProposedBoundaryPolygonData.shp
P-2144_ProposedBoundaryPolygonData.shx

5) Boundary Proposed Project Boundary Federal Lands as an ESRI ArcView shapefile.

P-2144_ProposedBoundaryFederalLandsData.dbf
P-2144_ProposedBoundaryFederalLandsData.prj
P-2144_ProposedBoundaryFederalLandsData.shp
P-2144_ProposedBoundaryFederalLandsData.shx

6) Boundary High Water Level of the Reservoir as an ESRI ArcView shapefile.

P-2144_HighWaterLevelOfReservoir.dbf

P-2144_HighWaterLevelOfReservoir.prj

P-2144_HighWaterLevelOfReservoir.shp

P-2144_HighWaterLevelOfReservoir.shx

7) Boundary Line of Ordinary High Water as an ESRI ArcView shapefile.

P-2144_OrdinaryHighWater.dbf

P-2144_OrdinaryHighWater.prj

P-2144_OrdinaryHighWater.shp

P-2144_OrdinaryHighWater.shx

8) Boundary Current and Proposed Project Boundary reference points as an ESRI ArcView shapefile.

P-2144_ReferencePointData.dbf

P-2144_ReferencePointData.prj

P-2144_ReferencePointData.shp

P-2144_ReferencePointData.shx

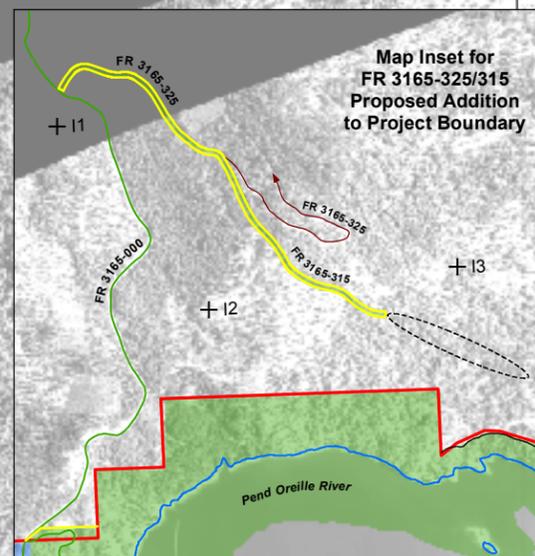
9) Boundary Project Boundary metadata describing GIS coordinate system and attributes.

P-2144_ProjectBoundaryMetadata.txt



The project boundary on these sheets was developed by Seattle Public Utilities and R2 Resource Consultants, Inc. using public and private data sources that are identified in the metadata provided. All data sources trace their foundation to 1:24,000 mapping. The portions of the project boundary described by metes and bounds have been reviewed by this surveyor for location, orientation, and accuracy within the 1:24,000 map base.

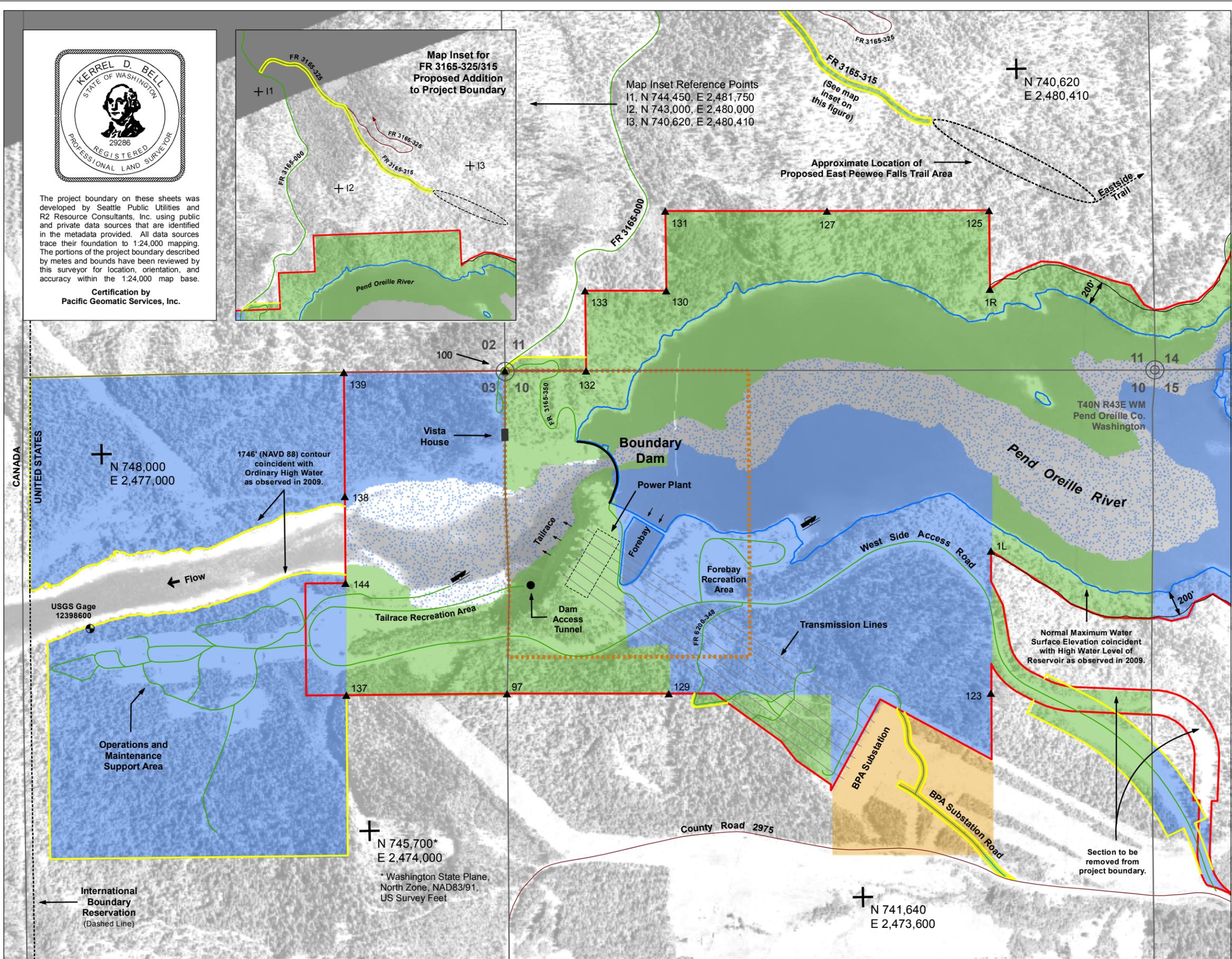
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Pacific Geomatic Services, Inc.



Map Inset Reference Points
I1, N 744,450, E 2,481,750
I2, N 743,000, E 2,480,000
I3, N 740,620, E 2,480,410

Approximate Location of
Proposed East Peewee Falls Trail Area

N 740,620
E 2,480,410

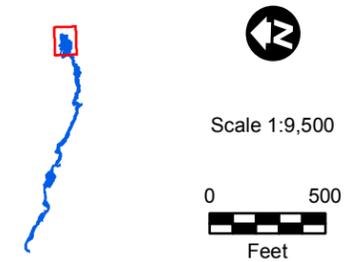


Seattle City Light Boundary Hydroelectric Project

LEGEND

- Current Project Boundary
- Updated Project Boundary
- Proposed Additions to Project Boundary
- Seattle City Light Land Ownership
- USFS Land Ownership
- BLM Land Ownership
- BPA Land Ownership
- Seattle City Light Easement
- Mining Exclusion Area
- Section Line
- Project-Related Road
- Project Boundary Monument (1967 Exhibit K)
- High Water Level Contour Break
- Normal Maximum Water Surface Elevation
- GIS Map Composition by R2 Resource Consultants, Inc.

MAP KEY



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BOUNDARY PROJECT, FERC NO. 2144

**Figure G-1
Boundary Project FERC Boundary**

N 745,700*
E 2,474,000

* Washington State Plane,
North Zone, NAD83/91,
US Survey Feet

N 741,640
E 2,473,600

N 748,000
E 2,477,000

1746' (NAVD 88) contour
coincident with
Ordinary High Water
as observed in 2009.

Normal Maximum Water
Surface Elevation coincident
with High Water Level of
Reservoir as observed in 2009.

Section to be
removed from
project boundary.



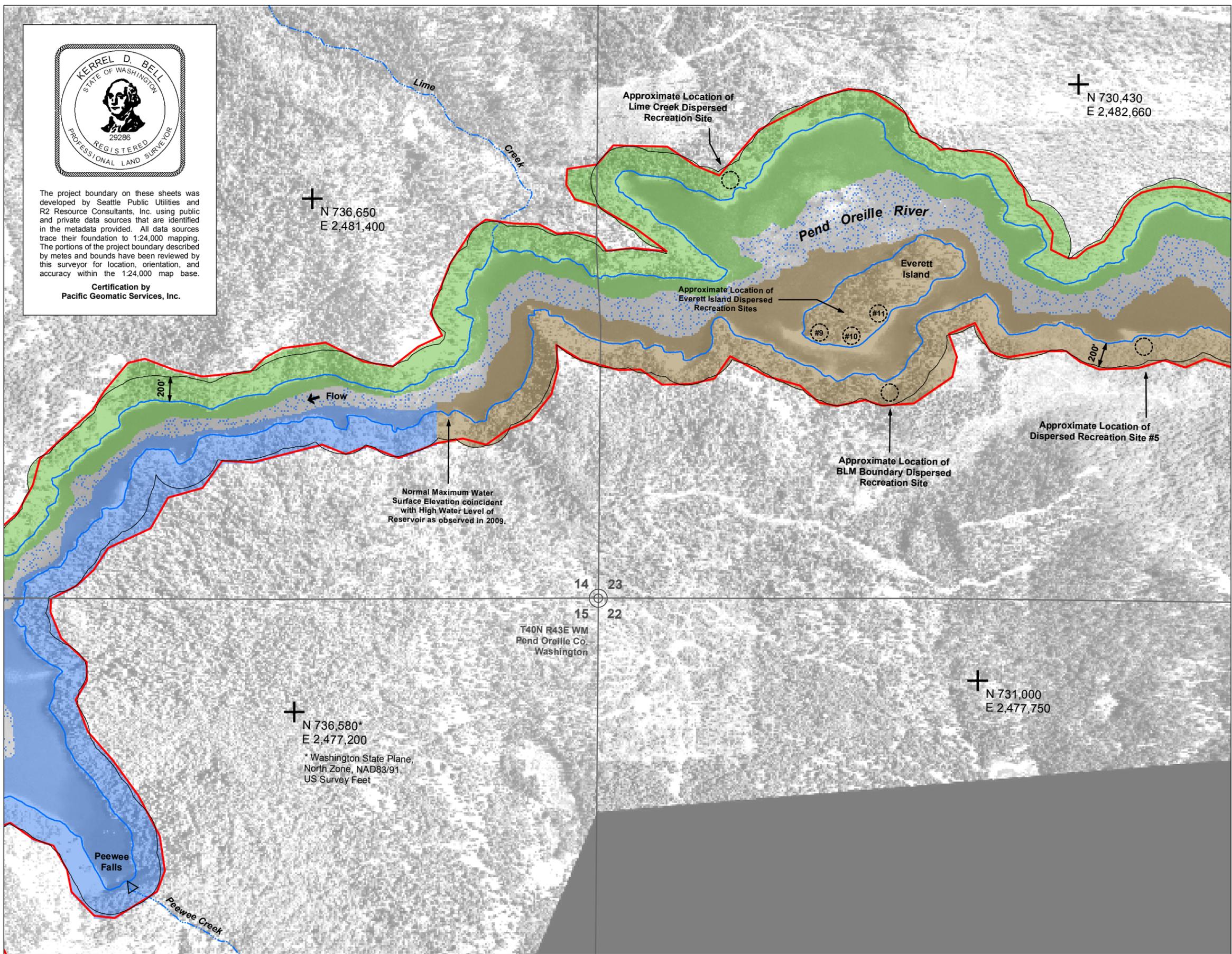
The project boundary on these sheets was developed by Seattle Public Utilities and R2 Resource Consultants, Inc. using public and private data sources that are identified in the metadata provided. All data sources trace their foundation to 1:24,000 mapping. The portions of the project boundary described by metes and bounds have been reviewed by this surveyor for location, orientation, and accuracy within the 1:24,000 map base.

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Seattle City Light
Boundary Hydroelectric Project

LEGEND

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- GIS Map Composition by R2 Resource Consultants, Inc.



N 736,650
E 2,481,400

N 730,430
E 2,482,660

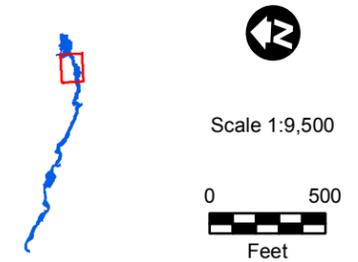
N 736,580*
E 2,477,200

* Washington State Plane,
North Zone, NAD83/91,
US Survey Feet

N 731,000
E 2,477,750

14 23
15 22
T40N R43E WM
Pend Oreille Co.
Washington

MAP KEY



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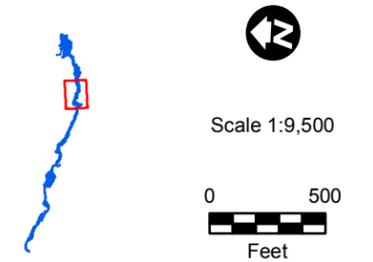
Figure G-2
Boundary Project FERC Boundary

LEGEND

- Current Project Boundary
- Updated Project Boundary
- Proposed Additions to Project Boundary
- Seattle City Light Land Ownership
- USFS Land Ownership
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- High Water Level Contour Break
- Normal Maximum Water Surface Elevation

GIS Map Composition by R2 Resource Consultants, Inc.

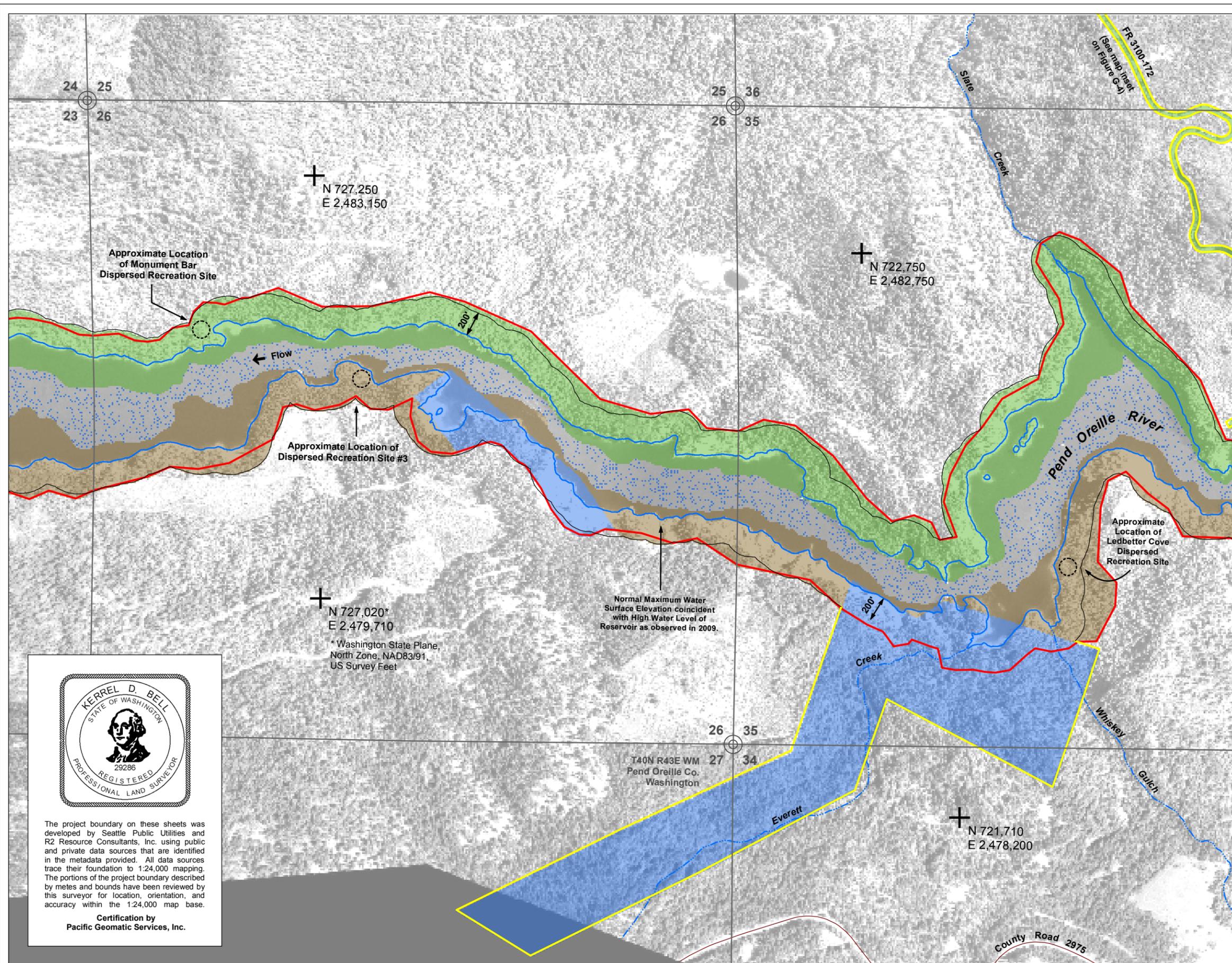
MAP KEY



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Figure G-3
Boundary Project FERC Boundary



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LEGEND

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 - High Water Level Contour Break
 - Normal Maximum Water Surface Elevation
- GIS Map Composition by R2 Resource Consultants, Inc.

MAP KEY

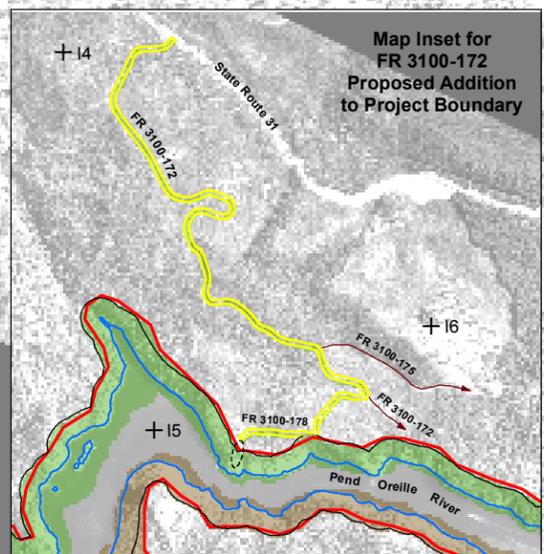
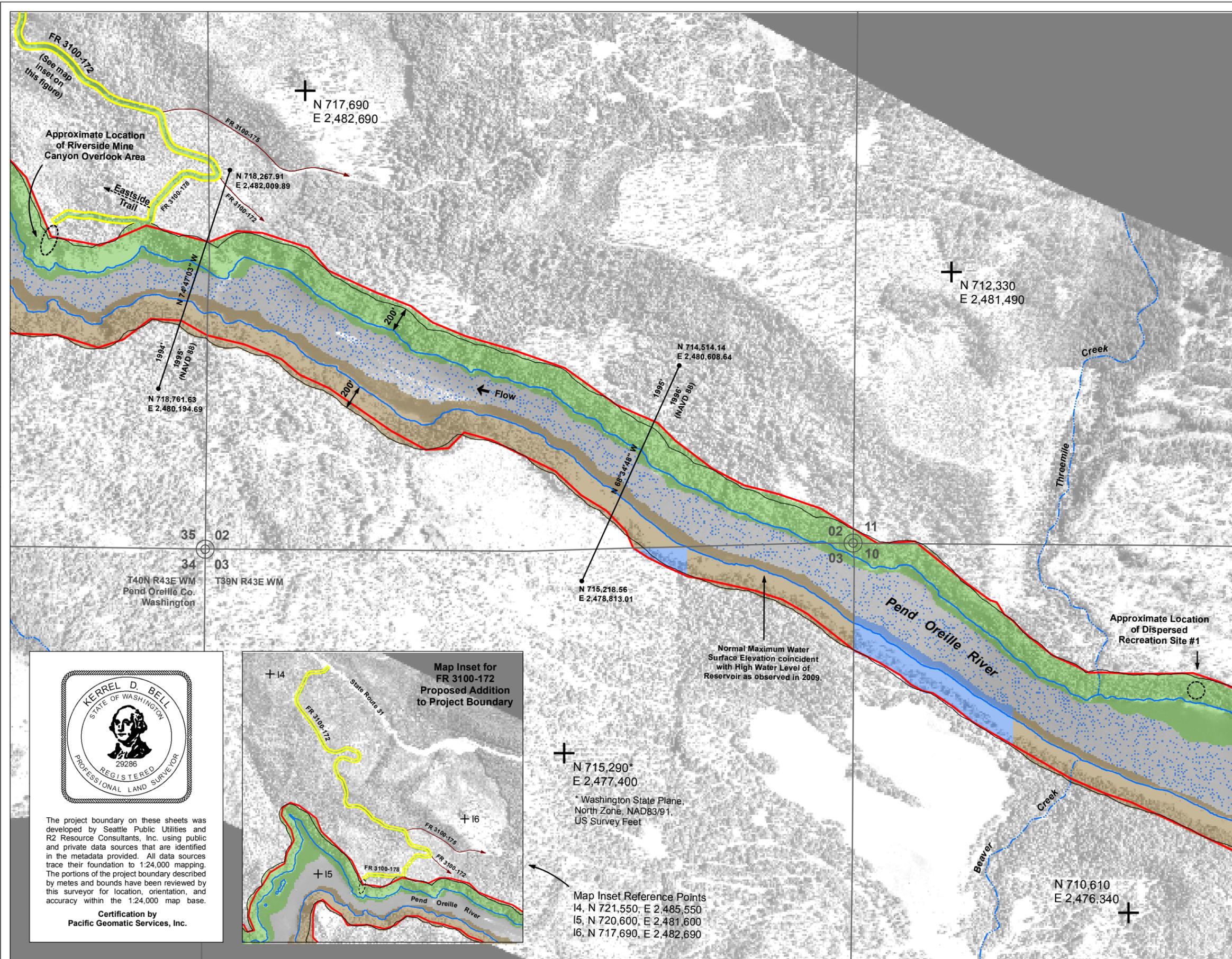
Scale 1:9,500

0 500
Feet

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BOUNDARY PROJECT, FERC NO. 2144

Figure G-4
Boundary Project FERC Boundary



N 715,290*
E 2,477,400
* Washington State Plane,
North Zone, NAD83/91,
US Survey Feet

Map Inset Reference Points
14, N 721,550, E 2,485,550
15, N 720,600, E 2,481,600
16, N 717,690, E 2,482,690



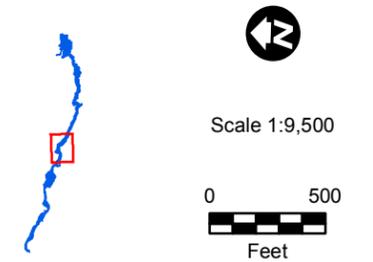
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-  Normal Maximum Water Surface Elevation
-  GIS Map Composition by R2 Resource Consultants, Inc.

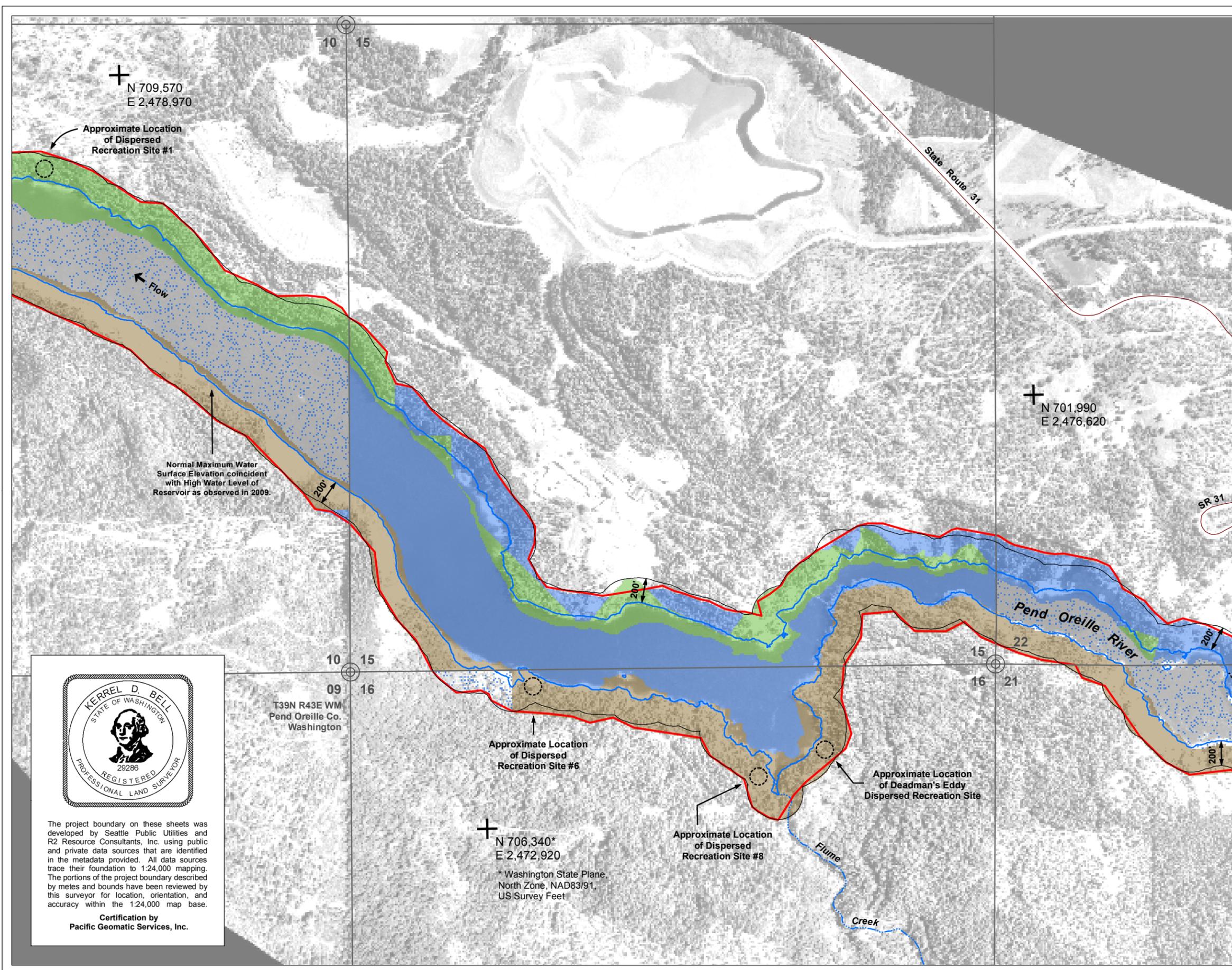
MAP KEY



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Figure G-5
Boundary Project FERC Boundary



The project boundary on these sheets was developed by Seattle Public Utilities and R2 Resource Consultants, Inc. using public and private data sources that are identified in the metadata provided. All data sources trace their foundation to 1:24,000 mapping. The portions of the project boundary described by metes and bounds have been reviewed by this surveyor for location, orientation, and accuracy within the 1:24,000 map base.

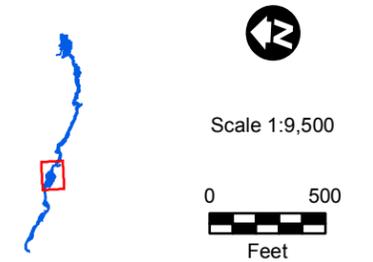
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N 706,340*
E 2,472,920
* Washington State Plane,
North Zone, NAD83/91,
US Survey Feet

LEGEND

- Current Project Boundary
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 - BLM Land Ownership
 - BPA Land Ownership
 - Seattle City Light Easement
 - Mining Exclusion Area
 - Section Line
 - ~ Project-Related Road
 - ▲ Project Boundary Monument (1967 Exhibit K)
 - High Water Level Contour Break
 - ~ Normal Maximum Water Surface Elevation
- R2 GIS Map Composition by R2 Resource Consultants, Inc.

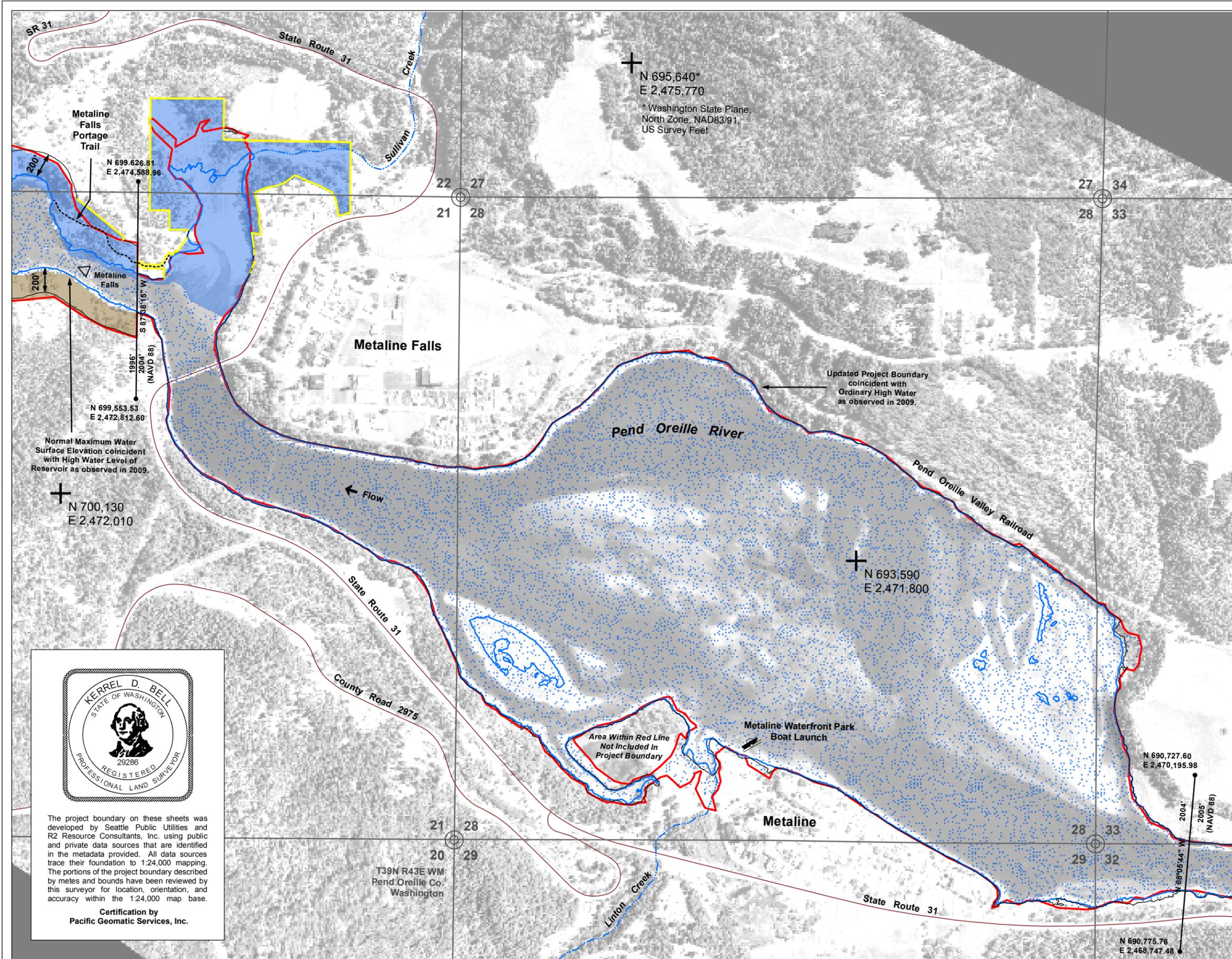
MAP KEY



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BOUNDARY PROJECT, FERC NO. 2144

Figure G-6
Boundary Project FERC Boundary



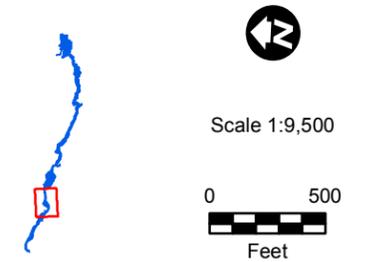
The project boundary on these sheets was developed by Seattle Public Utilities and R2 Resource Consultants, Inc. using public and private data sources that are identified in the metadata provided. All data sources trace their foundation to 1:24,000 mapping. The portions of the project boundary described by metes and bounds have been reviewed by this surveyor for location, orientation, and accuracy within the 1:24,000 map base.

Certification by
Pacific Geomatic Services, Inc.

LEGEND

-  Current Project Boundary
-  Updated Project Boundary
-  Proposed Additions to Project Boundary
-  Seattle City Light Land Ownership
-  USFS Land Ownership
-  BLM Land Ownership
-  BPA Land Ownership
-  Seattle City Light Easement
-  Mining Exclusion Area
-  Section Line
-  Project-Related Road
-  Project Boundary Monument (1967 Exhibit K)
-  High Water Level Contour Break
-  Normal Maximum Water Surface Elevation
-  GIS Map Composition by R2 Resource Consultants, Inc.

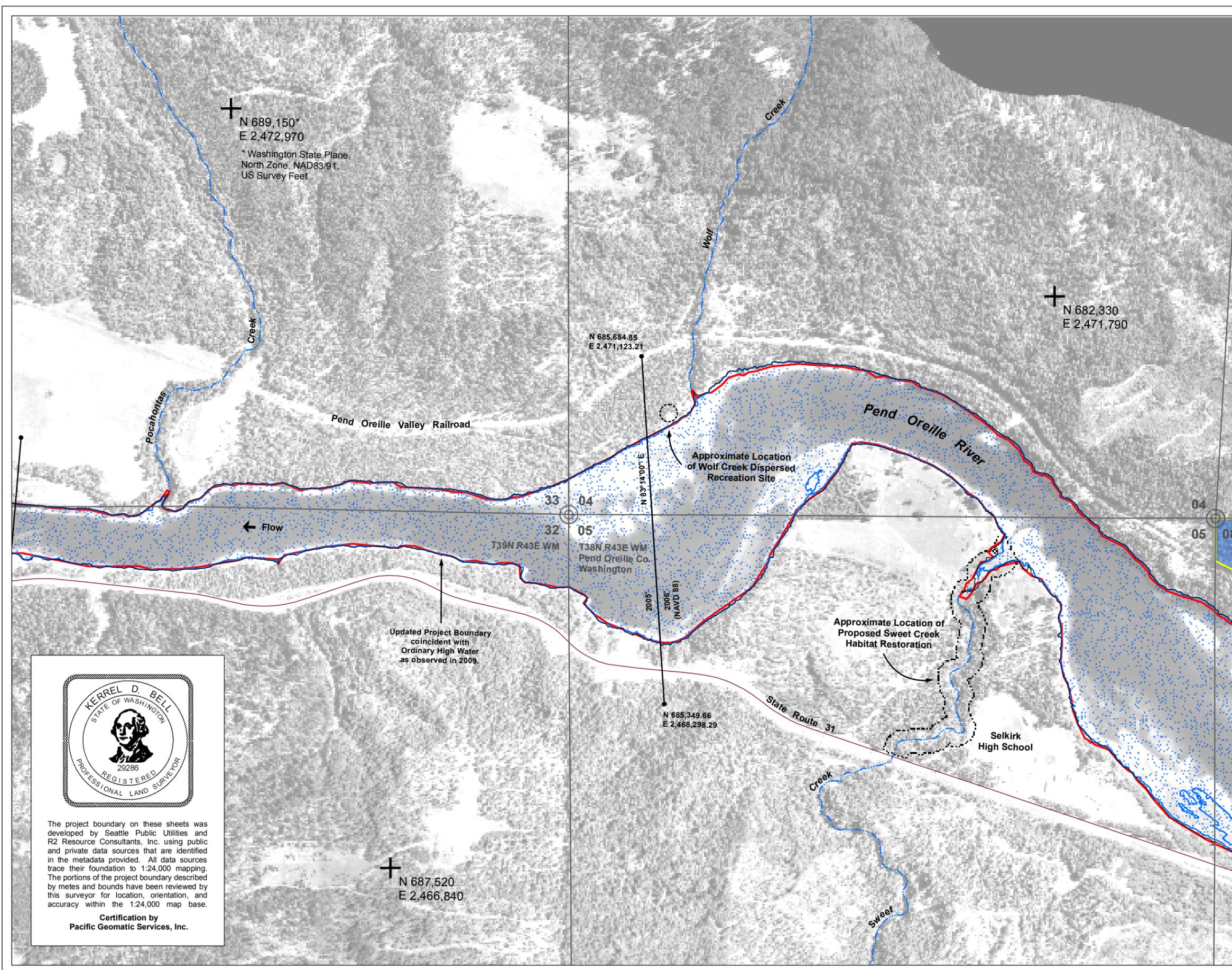
MAP KEY



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Figure G-7
Boundary Project FERC Boundary



The project boundary on these sheets was developed by Seattle Public Utilities and R2 Resource Consultants, Inc. using public and private data sources that are identified in the metadata provided. All data sources trace their foundation to 1:24,000 mapping. The portions of the project boundary described by metes and bounds have been reviewed by this surveyor for location, orientation, and accuracy within the 1:24,000 map base.

Certification by
Pacific Geomatic Services, Inc.

LEGEND

-  Current Project Boundary
-  Updated Project Boundary
-  Proposed Additions to Project Boundary
-  Seattle City Light Land Ownership
-  USFS Land Ownership
-  BLM Land Ownership
-  BPA Land Ownership
-  Seattle City Light Easement
-  Mining Exclusion Area
-  Section Line
-  Project-Related Road
-  Project Boundary Monument (1967 Exhibit K)
-  High Water Level Contour Break
-  Normal Maximum Water Surface Elevation

 GIS Map Composition by R2 Resource Consultants, Inc.

MAP KEY



Scale 1:9,500

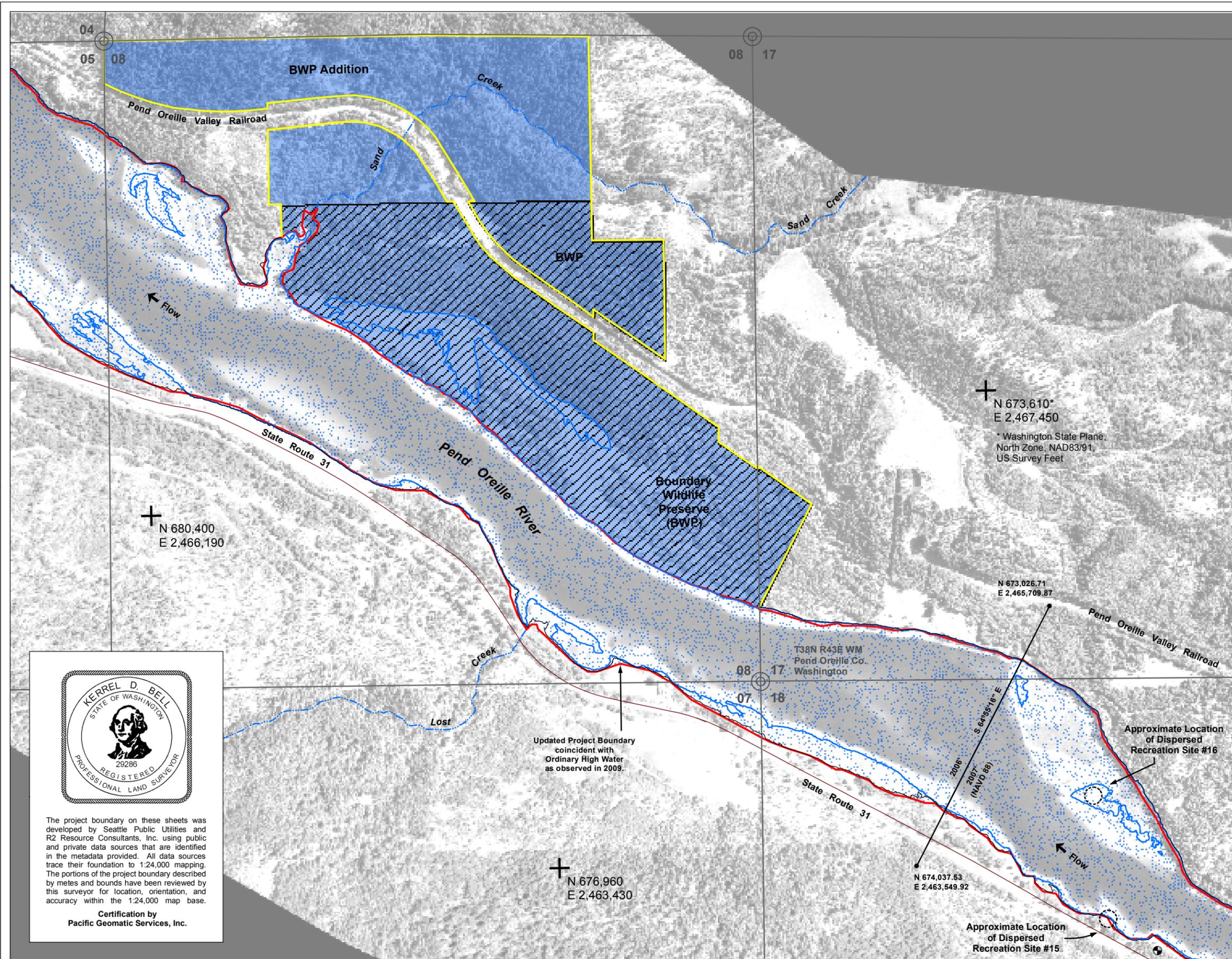


Feet

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BOUNDARY PROJECT, FERC NO. 2144

Figure G-8
Boundary Project FERC Boundary



The project boundary on these sheets was developed by Seattle Public Utilities and R2 Resource Consultants, Inc. using public and private data sources that are identified in the metadata provided. All data sources trace their foundation to 1:24,000 mapping. The portions of the project boundary described by metes and bounds have been reviewed by this surveyor for location, orientation, and accuracy within the 1:24,000 map base.

Certification by
Pacific Geomatic Services, Inc.

Updated Project Boundary coincident with Ordinary High Water as observed in 2009.

Approximate Location of Dispersed Recreation Site #15

Approximate Location of Dispersed Recreation Site #16

T38N R43E WM
Pend Oreille Co.
Washington

N 673,026.71
E 2,465,709.87

N 674,037.53
E 2,463,549.92

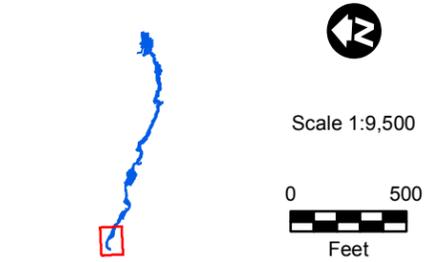
N 676,960
E 2,463,430

N 673,610*
E 2,467,450
* Washington State Plane,
North Zone, NAD83/91,
US Survey Feet

LEGEND

-  Current Project Boundary
-  Updated Project Boundary
-  Proposed Additions to Project Boundary
-  Seattle City Light Land Ownership
-  USFS Land Ownership
-  BLM Land Ownership
-  BPA Land Ownership
-  Seattle City Light Easement
-  Mining Exclusion Area
-  Section Line
-  Project-Related Road
-  Project Boundary Monument (1967 Exhibit K)
-  High Water Level Contour Break
-  Normal Maximum Water Surface Elevation
-  GIS Map Composition by R2 Resource Consultants, Inc.

MAP KEY

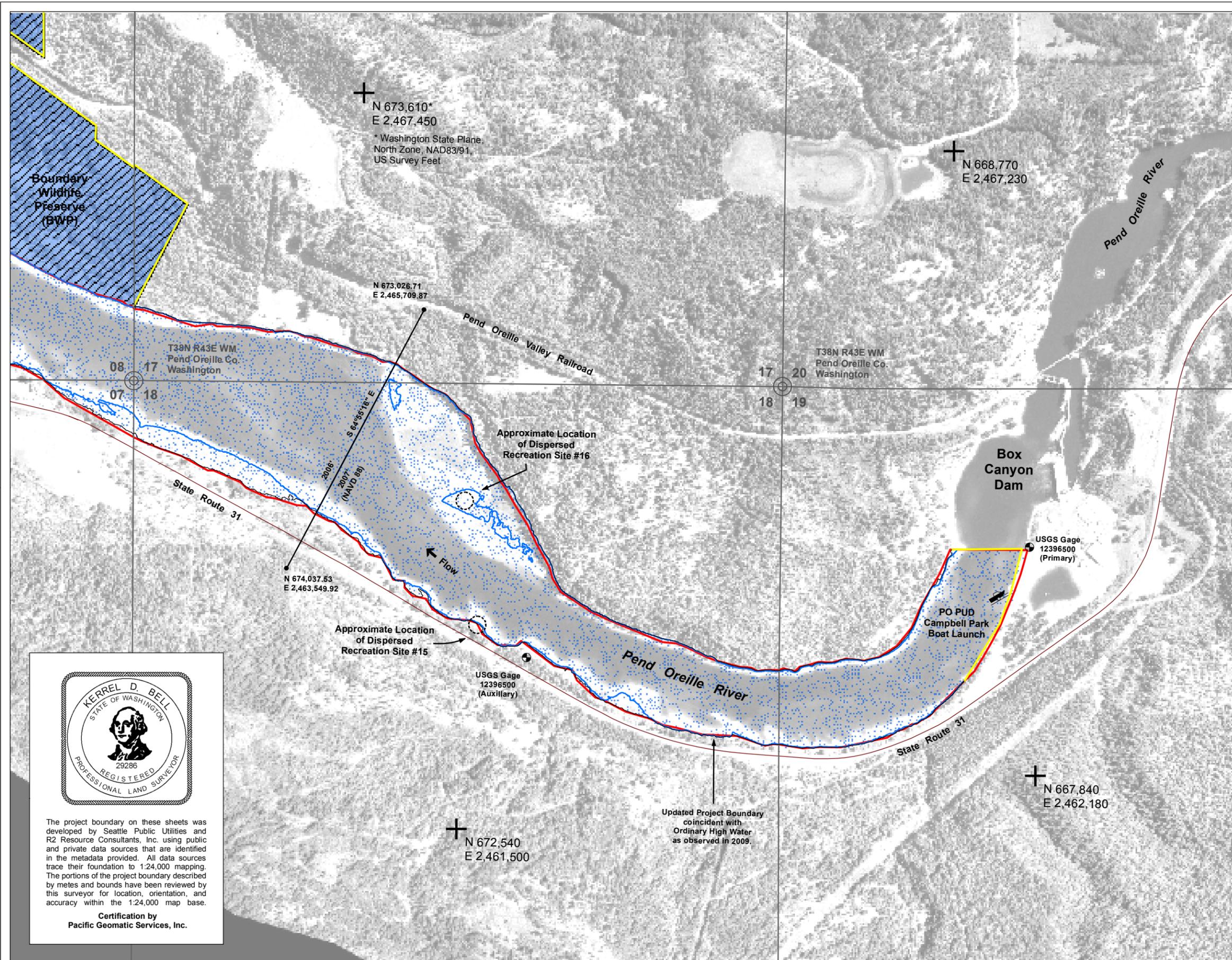


Scale 1:9,500
0 500
Feet

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BOUNDARY PROJECT, FERC NO. 2144

Figure G-9
Boundary Project FERC Boundary



The project boundary on these sheets was developed by Seattle Public Utilities and R2 Resource Consultants, Inc. using public and private data sources that are identified in the metadata provided. All data sources trace their foundation to 1:24,000 mapping. The portions of the project boundary described by metes and bounds have been reviewed by this surveyor for location, orientation, and accuracy within the 1:24,000 map base.

Certification by
Pacific Geomatic Services, Inc.

**APPENDIX 2: PROJECT BOUNDARY BEARINGS AND DISTANCES TABLE
(ATTACHMENT G-2 OF EXHIBIT G)**

Current Project Boundary Bearings and Distances

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 87-33-24 E ⁴	914.178
S 2-29-39 E	329.704
N 87-32-15 E	1724.563
S 2-32-33 E	1320.384
S 2-4-10 E	663.565
N 87-22-54 E	653.569
S 2-1-15 E	663.375
N 87-21-53 E	652.997
S 1-58-17 E	1326.367
S 2-10-45 E	1326.424
S 87-18-0 W	640.683
S 39-1-13 E	185.923
S 24-18-53 E	296.285
S 1-58-29 W	145.095
S 16-31-33 W	446.455
S 12-47-17 W	167.156
S 53-14-48 W	192.2
S 25-33-28 W	95.2
S 6-17-43 E	73.572
S 22-58-33 E	135.772
S 11-5-35 E	155.914
S 44-47-20 E	193.038
S 63-55-27 E	261.623
S 77-46-47 E	222.022
S 45-45-7 E	591.895
S 61-24-53 E	177.646
S 52-42-35 E	300.405
S 16-55-36 E	144.253
S 17-40-4 W	260.289
S 10-20-51 W	233.808
S 8-50-41 E	396.732
S 48-14-53 E	162.188
S 31-22-45 E	165.161
S 10-10-31 E	356.62
S 23-7-57 W	351.251
S 6-47-38 W	236.668

⁴ Starting coordinate is Northing 746,254.185 and Easting 2,475,086.833 (Washington State Plane, North Zone, NAD83/91, US Survey Feet).

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 40-34-37 E	265.959
S 27-38-1 E	215.593
N 59-31-3 E	203.058
S 71-54-4 E	431.327
S 59-56-19 E	337.372
S 39-26-2 E	138.54
S 4-53-5 W	234.858
S 1-25-31 E	201.067
S 23-57-38 W	167.435
S 6-27-32 E	160.025
S 11-7-18 W	171.256
S 51-0-26 W	135.044
S 9-17-18 E	216.847
S 2-14-57 W	280.23
N 33-28-27 E	297.327
N 26-39-1 E	294.278
N 28-58-47 E	91.368
N 13-43-41 E	188.467
N 56-4-26 E	136.18
N 89-59-55 E	128.996
S 11-34-18 E	248.607
S 52-49-36 E	205.985
S 1-40-52 E	443.205
S 31-19-7 W	275.097
S 19-11-58 W	212.847
S 51-49-44 E	493.523
S 30-34-41 E	587.746
S 19-34-59 E	220.775
S 3-35-35 W	207.417
S 30-38-54 W	313.858
S 55-30-19 W	230.08
S 13-25-14 W	61.42
S 31-1-45 W	84.062
S 43-21-13 W	53.751
S 9-24-6 E	76.402
S 8-21-15 W	100.954
S 9-3-18 E	50.852
S 3-14-28 W	145.945
S 15-26-18 W	64.122
S 29-57-4 W	121.043

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 55-8-51 W	183.33
S 37-8-43 W	66.431
S 74-28-26 W	148.627
S 31-31-3 W	151.024
S 55-53-53 W	165.94
N 86-17-44 W	137.266
S 23-29-38 W	46.881
S 23-29-38 W	117.264
S 6-59-16 E	59.202
S 43-0-7 E	33.44
S 43-0-7 E	62.73
S 43-2-8 E	16.686
S 26-38-40 E	159.732
S 58-20-8 E	185.626
S 58-19-24 E	32.172
S 69-31-24 E	106.947
S 51-31-32 E	93.719
S 37-12-26 E	64.85
S 37-12-0 E	20.85
S 18-57-47 E	115.683
S 9-50-40 E	158.585
S 1-14-33 W	108.414
S 9-5-47 W	168.396
S 18-49-45 W	40.961
S 18-49-37 W	69.626
S 20-10-6 W	133.674
S 1-2-58 W	114.324
S 1-1-44 W	16.863
S 8-35-13 E	88.423
S 7-32-16 E	105.863
S 20-9-54 W	143.195
S 3-0-35 W	105.024
S 12-38-38 E	101.123
S 45-46-38 E	143.879
S 12-26-21 E	132.534
S 72-14-26 E	116.057
S 47-43-2 E	111.479
S 0-2-20 W	103.724
S 9-3-18 W	70.543
S 23-49-5 E	153.653

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 5-12-9 E	56.692
S 9-8-24 E	14.91
S 22-13-28 E	238.188
S 20-19-54 W	391.403
S 4-1-0 E	414.034
S 16-34-19 E	476.822
S 11-57-28 W	294.4
S 21-6-17 W	597.069
S 41-11-25 W	788.053
S 13-38-58 W	432.225
S 10-0-28 E	310.739
S 43-4-32 W	210.843
S 2-20-18 W	261.227
S 27-10-17 E	224.803
S 7-12-19 W	263.089
S 35-31-8 W	399.319
S 49-3-25 W	439.514
S 38-54-46 W	280.185
S 19-6-54 E	186.274
S 19-57-1 W	155.325
S 60-50-14 W	158.029
S 12-55-55 E	138.514
N 66-53-53 E	303.317
S 79-55-10 E	228.53
S 65-24-59 E	271.62
S 50-5-3 E	199.469
S 57-49-24 E	283.55
S 31-58-8 E	334.42
S 76-54-7 E	207.4
S 61-40-21 E	290.83
N 76-50-20 E	206.42
N 55-17-4 E	356.45
S 79-11-54 E	154.74
S 34-56-21 E	178.1
S 17-56-43 W	185
S 36-10-0 W	423.63
S 69-8-12 W	283.59
S 43-46-37 W	828.21
S 64-7-18 W	523.898
S 7-34-31 W	407.29

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 26-30-7 E	412.336
S 11-41-4 W	531.758
S 24-39-55 E	241.304
S 1-21-49 W	210.067
S 14-31-23 W	398.754
S 46-30-2 W	242.623
S 21-41-41 W	405.753
S 18-29-18 W	331.101
S 33-32-46 W	224.386
S 19-45-36 W	286.91
S 13-1-33 W	399.294
S 16-11-3 W	459.216
S 32-33-14 W	518.483
S 20-50-46 W	368.112
S 41-26-46 W	205.464
S 34-6-44 W	374.439
S 24-50-27 W	297.539
S 11-13-51 W	287.52
S 15-43-51 W	368.833
S 28-52-48 W	310.809
S 28-18-54 W	233.202
S 6-31-36 E	305.552
S 36-8-34 W	537.453
S 32-45-25 W	245.097
S 13-28-21 W	57.226
S 55-56-40 W	58.7
S 55-56-57 W	57.239
S 33-24-28 W	84.502
S 43-1-53 W	120.532
S 36-33-2 W	119.173
S 35-40-5 W	144.134
S 35-39-57 W	60.139
S 20-28-24 W	212.437
S 24-40-5 W	108.563
S 4-16-54 E	122.634
S 0-23-47 W	211.957
S 3-22-22 E	261.329
S 4-11-39 E	256.568
S 15-55-13 W	234.168
S 21-20-44 W	93.677

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 21-20-25 W	123.287
S 30-4-17 W	230.227
S 32-6-40 W	207.546
S 32-6-33 W	28.759
S 2-7-11 W	99.093
S 2-8-3 W	23.239
S 0-31-21 W	64.232
S 40-43-15 W	195.434
S 39-9-47 W	139.713
S 46-48-13 W	165.272
S 51-23-49 W	246.473
S 21-51-51 W	15.171
S 21-51-54 W	271.596
S 26-59-50 W	196.016
S 2-52-37 E	241.268
S 4-0-24 W	147.655
S 28-57-42 W	11.45
S 28-57-45 W	150.091
S 52-11-43 W	101.111
S 27-14-20 W	130.61
S 45-8-7 W	294.805
N 78-58-11 W	80.36
S 62-1-41 W	170.12
S 62-1-27 W	32.292
S 9-36-43 W	135.135
S 47-13-23 W	247.174
S 40-47-53 W	125.293
S 34-47-9 W	187.445
S 26-42-43 W	124.816
S 33-2-4 W	101.053
S 63-18-49 W	63.08
S 63-18-59 W	127.657
S 53-43-14 W	185.522
S 49-43-27 W	90.611
S 49-43-24 W	144.626
S 53-10-36 W	86.991
S 58-43-8 W	64.58
S 89-50-56 W	137.017
N 70-17-35 W	134.377
S 58-32-57 W	163.821

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 50-7-27 W	110.091
S 8-9-57 W	178.197
S 5-21-53 W	192.557
S 8-19-15 W	93.953
S 11-9-23 E	58.522
S 11-9-23 E	297.003
S 11-43-22 E	17.961
S 11-43-30 E	126.102
S 20-48-34 W	103.354
S 12-54-20 W	8.84
S 12-54-11 W	61.218
S 17-34-48 W	142.175
S 10-58-24 W	86.113
S 23-58-14 W	144.955
S 9-54-33 W	103.934
S 2-33-20 E	57.492
S 11-58-58 W	142.197
N 73-6-11 E	122.729
S 31-51-23 E	114.551
S 39-40-46 E	74.25
S 39-41-4 E	45.951
S 64-35-43 E	88.028
S 45-48-3 E	144.339
S 37-3-41 E	181.791
S 33-26-7 E	387.813
S 15-56-13 E	88.612
S 2-14-38 E	122.574
S 14-53-43 W	197.767
S 9-42-16 W	163.456
S 9-44-22 W	8.978
S 7-43-5 W	109.274
S 32-46-8 E	112.601
S 16-10-12 E	45.451
S 7-57-40 W	166.326
S 7-51-55 W	156.536
S 7-51-15 W	24.563
S 31-31-53 W	96.048
S 21-30-1 W	56.072
S 11-23-9 W	159.506
S 14-40-49 W	87.683

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 6-0-53 W	88.603
S 6-13-8 E	74.682
S 9-38-48 W	269.79
S 20-51-24 W	118.064
S 53-31-31 W	117.241
S 61-52-25 W	101.24
S 27-16-25 W	205.077
S 49-29-59 W	55.221
S 44-32-53 W	39.621
S 44-32-43 W	33.811
S 39-4-46 W	71.832
S 39-4-45 W	61.188
S 19-57-59 E	134.963
S 13-27-3 W	21.141
S 13-27-5 W	183.091
S 22-16-25 W	225.768
S 54-10-0 W	212.172
S 88-17-34 W	53.889
S 70-47-24 W	142.954
S 47-5-22 W	194.653
S 22-2-24 W	241.338
S 7-43-45 W	38.341
S 7-43-53 W	122.749
S 87-38-15 W	254.226
S 18-25-7 W	129.929
S 4-45-48 E	84.293
S 57-7-5 E	117.889
N 71-33-47 E	56.92
S 62-6-9 E	96.179
S 8-35-18 W	114.274
S 6-42-34 E	119.824
N 60-8-15 E	110.351
N 69-43-25 E	57.89
N 85-18-45 E	61.199
S 62-3-41 E	35.039
S 77-26-12 E	145.988
N 60-7-24 E	103.291
N 45-4-32 E	175.203
N 6-50-33 W	50.362
N 50-7-15 E	102.941

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 77-59-21 E	48.049
S 83-36-23 E	116.728
N 41-7-47 E	199.155
N 55-46-46 E	64.541
N 55-46-55 E	26.16
N 83-28-43 E	35.229
S 3-0-45 W	38.051
S 38-43-43 W	252.236
N 86-18-35 W	62.129
S 32-46-31 E	185.102
S 70-44-10 E	116.308
S 20-59-3 E	78.192
N 51-31-54 W	93.239
S 60-0-58 W	30.02
S 12-57-48 E	168.605
S 12-57-48 E	15.6
S 11-7-29 W	53.502
S 23-18-59 W	63.162
S 14-2-7 W	82.463
N 38-53-1 W	39.82
S 74-37-18 W	41.48
S 3-34-34 W	16.031
N 82-52-33 W	24.19
S 51-20-17 W	57.631
N 75-57-52 W	41.229
S 81-25-52 W	63.549
N 74-29-15 W	110.168
S 81-26-43 W	134.578
S 85-41-7 E	0.216
S 81-26-43 W	320.536
S 3-29-52 E	0.248
S 78-39-10 W	168.778
N 76-37-44 W	70.209
S 75-40-24 W	28.9
N 73-55-38 W	74.199
N 62-45-20 W	113.318
N 73-27-29 W	149.867
N 49-56-47 W	148.571
N 63-51-54 W	141.205
N 88-12-12 W	140.248

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 70-22-24 W	222.359
S 67-57-57 W	111.45
S 58-18-49 W	143.041
S 45-11-4 W	105.742
S 35-49-13 W	120.053
S 27-2-19 W	102.423
S 22-11-27 W	156.779
S 13-23-12 W	165.126
S 7-9-13 W	665.704
S 3-3-18 W	149.325
S 9-5-16 W	321.272
S 3-2-28 W	98.274
S 8-11-54 E	54.582
S 0-56-42 E	53.874
S 8-12-32 W	72.323
S 8-46-23 E	269.848
S 22-43-56 E	159.223
S 44-12-20 E	76.36
S 52-48-32 E	126.209
S 60-29-56 E	174.638
S 33-27-22 E	250.522
S 46-6-32 E	207.879
S 52-22-8 E	260.208
S 23-46-13 E	280.305
S 8-1-3 E	315.57
S 26-45-45 W	128.804
S 5-33-53 E	90.583
S 19-38-6 W	119.134
S 42-44-52 W	91.522
S 27-35-29 W	169.756
S 56-32-29 W	272.083
S 22-23-45 W	292.27
S 40-47-42 W	88.222
S 10-35-39 E	141.414
S 14-3-45 W	211.258
S 10-31-8 W	70.863
S 25-14-7 W	95.533
S 26-18-59 W	154.285
S 37-56-37 W	395.431
S 14-25-6 W	142.375

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 44-59-53 W	60.811
S 18-12-59 W	83.173
S 64-17-16 W	59.93
S 33-6-35 W	302.059
S 25-16-15 W	257.669
S 13-16-18 E	50.451
S 32-15-8 W	403.123
S 48-25-51 W	65.231
S 26-43-42 W	134.085
S 37-22-48 W	195.225
N 75-46-46 E	0.427
S 12-27-45 W	70.603
S 80-7-57 W	23.34
S 47-10-21 W	55.901
S 31-42-48 W	104.623
S 65-52-36 W	73.41
S 43-27-0 W	52.341
S 12-5-39 W	85.913
S 71-12-34 W	102.46
N 82-5-37 W	145.378
N 53-31-49 W	57.2
N 7-14-12 E	63.512
N 55-25-31 W	89.869
S 79-33-39 W	77.279
N 54-9-42 W	66.609
N 87-38-52 W	146.118
S 73-2-56 W	109.77
S 68-11-48 W	134.33
S 82-1-43 W	50.489
S 61-27-55 W	117.241
S 89-11-30 W	142.008
S 77-52-52 W	181.029
S 44-59-53 W	100.412
S 53-59-58 W	144.622
S 20-5-39 W	174.636
S 69-33-55 W	54.42
S 19-36-11 W	77.493
S 2-32-44 W	294.331
S 68-1-55 W	0.326
S 5-27-29 W	83.353

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 0-11-3 E	311.011
S 11-15-6 W	194.747
S 11-34-29 E	84.722
S 23-37-42 W	52.392
S 59-20-50 E	9.157
S 8-23-44 E	76.152
S 40-5-15 E	181.691
S 25-46-7 E	32.201
S 58-25-25 E	99.529
S 11-20-5 W	24.549
N 62-55-54 W	70.719
N 53-58-19 W	40.8
N 77-7-32 W	35.899
S 28-26-29 W	54.592
S 7-20-38 W	67.773
S 24-32-11 E	69.015
S 50-19-23 E	22.42
S 55-48-28 E	49.262
S 18-36-34 E	103.412
S 46-1-22 E	129.44
S 16-23-4 E	119.993
S 10-55-20 W	58.052
S 21-48-2 E	48.471
S 1-8-45 E	300.07
S 22-41-35 E	59.621
S 20-13-26 W	161.996
S 14-11-47 E	90.122
S 0-31-37 E	97.643
S 16-52-13 E	152.374
S 25-37-3 E	71.191
S 3-33-15 W	161.316
S 5-46-3 E	199.016
S 29-21-23 W	73.432
S 0-43-56 W	313.031
S 6-25-9 W	134.835
S 1-41-38 E	92.403
S 15-46-41 W	175.267
S 0-13-27 W	109.164
S 11-39-42 E	178.165
S 21-25-11 E	238.705

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 25-23-1 E	173.203
S 31-44-14 E	257.664
S 27-37-21 E	128.822
S 35-36-52 E	140.061
S 29-24-2 E	476.976
S 45-35-49 E	55.19
S 24-27-53 E	37.481
S 41-47-4 E	40.58
S 63-26-6 E	76.029
S 88-54-50 E	24.654
N 67-28-17 E	88.774
S 50-17-34 E	17.81
S 60-21-34 W	65.703
S 27-5-21 E	89.504
S 5-1-53 E	40.261
S 39-34-20 E	111.16
S 50-5-43 E	75.16
S 20-45-15 E	93.182
S 11-23-9 W	35.561
S 34-37-22 E	49.07
S 11-26-7 E	53.902
S 19-40-17 E	140.663
S 8-7-42 E	222.907
S 0-39-49 W	358.953
S 7-14-41 W	209.348
S 33-30-51 W	85.443
S 13-53-19 E	63.722
S 10-53-52 W	146.165
S 3-19-17 W	92.633
S 32-49-37 W	73.782
S 15-27-2 W	184.257
S 27-18-0 W	162.096
S 32-9-29 W	284.059
S 40-15-6 W	135.694
S 19-51-10 W	89.713
S 40-48-51 W	133.004
S 64-32-41 W	84.491
S 29-32-15 W	68.962
S 69-40-30 W	57.58
S 20-37-25 W	66.012

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 3-33-11 W	45.802
S 32-47-22 W	58.422
S 78-39-42 W	27.02
S 48-23-14 W	104.032
S 86-31-49 W	33.06
S 19-26-21 W	90.143
S 48-39-44 W	143.843
S 27-54-52 W	43.642
S 41-10-54 W	87.661
S 25-16-8 W	34.821
S 58-17-48 W	79.921
S 22-54-18 W	205.238
S 46-37-23 W	139.423
S 30-19-43 W	45.432
S 45-5-9 W	92.002
S 66-37-47 W	53.03
S 39-16-36 W	99.643
S 29-58-27 W	86.063
S 16-7-31 W	146.176
S 13-9-26 W	146.566
S 32-11-47 W	130.884
S 47-34-32 W	37.656
S 24-30-31 W	60.562
S 38-17-57 W	57.312
S 20-39-22 W	64.652
S 38-14-2 W	189.016
S 4-6-39 E	147.525
S 15-53-8 W	100.084
S 48-21-41 W	107.422
N 77-12-41 W	36.8
S 10-17-31 W	48.442
S 46-25-27 W	45.241
S 17-16-46 W	60.952
S 27-42-6 W	104.284
S 1-57-52 W	85.123
S 37-29-55 W	64.202
S 60-51-50 W	69.831
N 40-51-16 W	97.84
S 60-19-10 W	107.041
N 88-47-17 W	97.026

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 74-28-33 W	205.5
S 63-8-31 W	179.38
S 5-14-52 W	170.915
S 26-50-18 E	45.781
S 79-10-40 E	29.59
N 71-26-48 E	114.9
S 73-18-5 E	62.639
S 84-23-1 E	61.289
S 64-37-30 E	95.919
S 44-27-24 E	41.88
S 17-36-33 E	55.741
S 41-5-31 E	59.54
S 13-8-0 E	61.612
S 49-51-12 W	59.291
S 25-28-10 E	26.33
S 57-49-19 E	28.13
N 64-27-34 E	55.62
S 87-58-9 E	49.53
S 81-33-34 E	83.409
S 31-5-38 W	65.892
S 44-6-32 E	68.845
N 65-53-43 W	88.6
S 33-0-44 W	62.41
N 81-38-24 W	71.24
N 46-58-48 W	98.36
N 30-46-30 W	83.26
N 78-58-2 W	47.5
N 61-40-36 W	35.64
N 78-17-30 W	42.86
N 83-12-6 W	78.58
N 23-13-18 W	84.56
N 80-36-34 W	71.72
S 68-58-54 W	59.44
S 31-45-21 W	24.82
S 52-54-46 W	146.04
S 28-11-53 W	275.05
S 20-29-14 W	180.23
S 30-51-58 W	200.4
S 39-34-19 W	115.12
S 32-48-28 W	335.54

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 11-51-32 W	53.16
S 35-1-55 W	73.24
S 17-36-16 W	114.92
S 47-22-26 W	65.8
S 13-10-25 W	53.45
S 38-17-51 W	152.71
S 17-25-36 W	49.49
S 49-22-48 W	133.3
S 33-14-41 W	146.59
S 45-2-53 W	197.31
S 41-39-0 W	407.18
S 36-34-41 W	99.86
S 48-19-48 W	95.26
S 36-40-20 W	233.25
S 18-45-38 W	52.56
S 34-52-20 W	71.03
S 42-15-0 W	179.82
S 31-34-37 W	206.02
S 26-29-21 W	233.16
S 23-42-19 W	273.91
S 13-23-22 W	128.09
S 24-44-23 W	108.34
S 12-43-3 W	263.46
S 43-9-9 W	43.86
S 2-40-3 W	38.69
S 49-51-20 W	28.779
S 3-24-40 W	77.473
S 14-34-28 W	446.997
S 12-44-21 E	137.344
S 27-24-39 W	46.242
S 3-25-22 E	140.065
S 2-0-34 W	147.225
S 10-18-28 W	135.255
S 5-34-19 E	164.785
S 12-36-30 W	77.883
S 23-21-17 W	47.932
S 5-57-2 W	66.642
S 15-31-42 W	199.318
S 10-36-39 W	145.176
S 27-1-47 W	55.012

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 10-3-37 W	125.945
S 26-49-36 W	97.494
S 5-55-48 E	60.132
S 15-49-41 W	59.442
S 33-10-8 W	59.662
S 30-33-43 W	97.703
S 31-26-13 W	116.044
S 30-32-23 W	79.515
S 20-41-52 W	118.835
S 44-24-33 W	164.365
S 41-23-24 W	125.114
S 74-34-24 W	190.991
S 58-10-54 W	88.091
S 50-49-45 W	241.456
S 61-38-45 W	43.181
S 50-44-50 W	80.832
S 57-47-58 W	157.163
S 54-17-48 W	178.574
S 61-43-41 W	177.573
S 57-34-22 W	216.724
S 71-43-17 W	99.961
S 55-16-24 W	122.892
S 30-20-6 W	295.721
S 22-16-50 W	161.666
S 19-13-51 W	474.709
S 1-11-25 W	113.104
S 18-0-11 W	90.024
S 23-44-43 W	179.657
S 17-7-27 W	75.823
S 11-43-32 W	206.058
S 1-21-7 W	96.683
S 26-6-47 W	56.802
S 10-31-13 E	71.202
S 2-28-59 E	108.653
S 23-43-13 E	39.595
S 12-13-49 W	94.244
S 44-57-57 E	55.13
S 15-43-16 E	55.791
S 19-17-35 E	104.762
S 0-3-45 W	109.494

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 18-28-43 E	116.973
S 3-14-53 W	149.645
S 17-1-41 E	125.023
S 34-33-17 E	169.622
S 54-3-56 E	190.669
S 68-49-15 E	208.358
S 62-37-4 E	288.478
S 69-38-32 E	216.516
S 02-27-06 E	631.62
N 77-41-35 W	99.007
N 75-49-014 W	105.559
N 72-57-8 W	150.909
N 70-51-22 W	295.627
N 65-0-38 W	146.389
N 63-36-55 W	148.449
N 60-19-13 W	73.519
N 62-26-18 W	63.04
N 46-45-16 W	188.79
N 48-0-37 W	181.15
N 48-24-3 W	145.99
N 31-2-22 W	74.831
N 39-46-3 W	47.34
N 8-47-7 W	37.061
N 33-39-19 W	81.491
N 18-23-15 W	54.011
N 35-52-14 W	99.041
N 14-56-9 W	390.4
N 1-22-29 W	166.086
N 7-25-58 W	140.294
N 6-9-38 E	199.183
N 0-8-36 E	44.862
N 14-42-9 W	67.262
N 15-33-39 E	246.03
N 0-0-1 E	282.01
N 11-29-47 E	220.979
N 7-25-54 E	107.574
N 22-21-34 E	126.295
N 12-55-49 E	201.108
N 24-31-54 E	214.358
N 12-50-51 E	58.462

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 40-5-17 E	206.536
N 63-9-3 E	90.791
N 9-31-28 E	151.086
N 34-9-12 E	341.992
N 46-49-52 W	58.13
N 0-36-13 W	152.245
N 33-3-30 E	151.765
N 59-29-2 E	100.082
N 14-55-51 E	77.623
N 01-23-20 E	165.056
N 28-32-42 E	142.305
N 53-39-25 E	104.282
N 09-41-42 E	112.814
N 42-46-43 E	91.293
N 89-59-55 E	55
N 03-00-46 E	95.133
N 59-58-07 E	199.823
N 11-00-12 E	110.024
N 41-07-33 E	83.353
N 56-13-17 E	54.351
N 32-32-55 E	167.286
N 46-00-12 E	80.622
N 07-29-14 E	52.602
N 24-59-52 E	139.965
N 41-11-03 E	85.043
N 00-05-58 E	79.453
N 14-59-45 E	174.997
N 06-35-24 E	82.223
N 21-29-15 E	178.347
N 41-39-14 E	66.392
N 20-27-40 E	239.419
N 02-20-13 W	49.042
N 25-56-08 E	244.649
N 15-27-22 E	178.697
N 19-13-13 E	171.327
N 23-38-16 E	71.893
N 26-18-10 E	650.524
N 38-19-37 E	222.697
N 26-44-31 E	197.652
N 11-08-32 E	245.78

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 20-37-38 W	205.57
N 02-06-52 W	67.92
N 31-01-58 E	159.63
N 41-24-06 E	383.35
N 76-55-48 E	36.25
N 01-46-31 E	42.64
N 46-58-35 W	60.83
N 55-34-16 E	134.41
N 67-37-35 E	172.96
N 85-04-18 E	64.99
N 62-34-12 E	212.28
N 65-44-14 E	166.11
N 58-51-59 E	206.08
N 25-24-56 E	99.58
N 48-55-36 E	108.54
N 21-02-15 E	191
N 28-03-11 E	127.81
N 01-39-21 W	241.61
N 18-43-50 E	197.932
N 26-16-02 E	199.257
N 34-51-15 E	100.503
N 25-08-23 E	100.244
N 35-59-10 E	100.723
N 32-00-22 E	100.133
N 23-44-13 E	254.709
N 19-56-51 E	106.374
N 26-01-22 E	293.291
N 15-00-02 E	172.577
N 11-37-53 E	300.961
N 02-57-18 E	104.404
N 20-11-57 E	105.014
N 18-40-01 E	290.451
N 22-09-18 E	144.814
N 23-15-23 E	90.523
N 27-42-28 E	214.118
N 29-29-22 E	134.905
N 45-42-30 E	185.505
N 51-30-26 E	108.462
N 40-47-49 E	95.303
N 53-41-02 E	73.821

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 28-53-42 E	57.282
N 40-42-59 E	91.273
N 47-22-09 E	127.103
N 17-11-29 E	126.635
N 32-03-55 E	94.483
N 60-15-42 E	137.632
N 67-15-55 E	103.431
N 79-30-28 E	103.07
N 72-49-58 E	115.02
N 59-24-30 E	72.281
N 75-35-39 E	129.87
S 87-56-26 E	138.348
N 85-27-34 E	148.079
N 68-02-06 E	78.43
S 73-07-07 E	68.949
N 79-12-20 E	48.02
N 52-23-49 E	60.751
N 27-27-18 E	43.682
N 49-06-37 E	62.311
N 57-37-43 E	86.661
N 16-09-39 E	91.103
N 36-34-14 E	86.613
N 55-57-47 E	70.646
N 17-31-10 W	160.014
N 46-37-32 W	38.28
N 04-34-49 W	41.041
N 53-37-46 W	124.689
N 22-31-13 W	47.941
N 64-41-24 W	102.199
N 51-18-29 W	49.897
N 18-52-02 E	63.383
S 54-37-01 E	69.52
S 79-21-29 E	51.429
S 37-51-35 E	62.1
S 66-13-04 E	159.358
S 04-51-22 E	55.232
S 41-40-42 E	57.07
N 39-42-48 E	58.582
S 56-14-43 E	46.65
S 34-41-49 E	92.111

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
S 65-12-49 E	70.675
N 43-07-51 E	68.419
N 64-27-42 E	97.348
N 38-36-49 E	96.263
N 50-07-02 E	101.782
N 29-01-38 E	93.583
N 40-45-47 E	189.265
N 29-15-17 E	187.626
N 20-19-04 E	222.478
N 14-23-43 E	256.75
N 06-53-58 E	135.475
N 13-53-45 W	81.642
N 65-38-41 W	244.927
N 54-26-23 W	209.149
N 36-09-24 W	116.231
N 43-10-48 W	149.79
N 72-54-00 W	46.789
N 61-31-40 W	378.582
N 77-11-48 W	49.219
N 61-18-17 W	255.727
N 37-36-36 W	481.573
N 44-19-45 W	205.22
N 27-57-24 W	69.871
N 15-21-01 W	67.252
N 00-09-54 E	69.342
N 09-33-25 E	97.834
N 18-40-23 E	365.614
N 30-31-50 E	131.614
N 42-41-51 E	126.563
S 54-45-39 E	58
N 39-18-34 E	39.481
N 23-21-34 E	140.777
N 05-58-15 W	86.523
N 07-36-24 E	176.817
N 00-00-00 E	101.004
N 43-24-25 E	50.931
N 82-15-29 E	103.949
N 15-11-06 E	72.533
N 02-57-02 W	97.133
N 19-54-42 W	46.371

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 08-36-20 E	153.556
N 07-12-47 W	104.723
N 23-46-26 E	100.444
N 08-06-14 E	135.365
N 14-37-27 E	179.417
N 01-30-40 E	77.133
N 23-07-19 W	60.961
N 02-17-41 E	376.203
N 09-12-59 W	245.147
N 14-49-05 W	321.498
N 57-27-55 W	89.349
N 87-34-15 E	39.12
N 00-05-18 E	258.439
N 19-24-37 W	79.022
N 12-44-20 W	324.579
N 09-15-48 W	159.065
N 02-46-56 W	171.496
N 08-22-21 W	50.802
N 11-19-25 E	109.134
N 03-18-11 W	414.894
N 08-21-22 E	549.16
N 02-08-50 W	179.346
N 07-15-26 W	109.843
N 27-08-47 W	146.972
N 06-30-44 E	77.883
N 42-44-23 W	74.23
N 01-12-49 E	147.445
N 26-53-19 W	138.79
N 07-29-17 W	74.182
N 00-11-59 E	225.578
N 17-02-45 E	171.156
N 01-24-03 W	95.763
N 29-19-30 W	79.121
N 18-27-36 E	103.314
N 28-52-33 W	72.141
N 75-46-02 W	20.62
N 18-03-42 W	54.751
S 51-10-49 E	50.25
N 13-12-02 E	21.541
S 51-27-33 E	53.36

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 84-15-45 E	66.569
N 49-08-26 E	72.061
N 33-09-26 E	155.795
N 23-49-36 E	178.956
N 20-17-42 E	80.113
N 27-47-21 E	83.653
N 24-46-41 E	167.456
N 46-57-03 E	1.009
N 27-11-05 E	233.798
N 30-11-25 E	445.434
N 35-50-10 E	133.224
N 11-57-33 E	207.508
N 24-00-10 E	140.125
N 16-27-33 E	137.645
N 00-00-00 E	43.001
N 38-51-09 W	46.23
N 67-51-52 W	63.689
N 29-01-35 E	208.157
N 69-46-23 E	80.99
N 09-02-20 E	44.552
N 25-31-58 E	136.995
N 42-08-54 W	98.65
S 81-30-25 W	32.2
S 45-54-26 W	44.551
S 81-28-03 W	40.45
N 76-36-29 W	43.169
S 74-49-55 W	78.99
N 72-48-17 W	72.579
N 53-56-17 W	70.359
S 73-22-15 W	119.539
N 11-47-34 E	92.963
N 61-14-15 E	172.451
S 69-02-51 E	72.629
N 83-39-29 E	18.11
S 74-34-42 E	60.169
N 26-33-49 E	8.94
N 24-23-04 W	49.571
N 78-24-50 W	29.129
N 62-07-13 W	51.329
N 30-16-40 W	98.421

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 41-25-18 E	90.692
N 34-56-26 E	54.482
N 16-52-49 W	52.461
N 37-19-32 W	152.831
S 85-25-10 W	67.509
N 50-54-20 W	20.68
S 61-56-19 W	39.21
N 06-35-04 W	55.812
N 19-58-56 W	58.521
N 00-00-00 E	77.003
N 10-07-27 E	85.333
N 06-50-33 W	50.362
N 19-30-05 E	50.922
N 26-08-44 E	122.544
N 63-50-10 E	63.51
N 27-12-09 E	120.314
N 40-02-33 E	122.793
N 47-04-04 E	117.462
N 33-13-48 E	69.342
N 63-52-30 E	115.83
N 77-44-00 E	23.54
N 03-59-26 E	43.102
N 39-07-42 E	76.062
N 21-48-01 E	32.311
N 00-00-00 E	32.001
N 32-02-44 E	145.114
N 24-46-25 E	42.951
N 44-59-52 E	48.501
N 26-33-49 E	91.683
N 51-20-17 E	51.221
N 67-41-30 E	42.15
N 33-21-24 E	143.674
N 46-30-31 E	96.072
N 73-17-13 E	98.889
N 81-00-34 E	4
N 63-08-59 E	277.381
N 60-00-45 E	118.951
N 70-55-27 E	186.479
N 61-14-11 E	92.43
N 49-25-12 E	167.613

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 24-18-22 E	155.085
N 08-05-42 E	92.193
N 24-15-43 E	83.173
N 31-35-03 E	82.883
N 28-04-52 E	369.862
N 21-19-21 E	171.176
N 13-40-28 E	559.541
N 30-19-31 E	213.747
N 23-47-29 E	187.276
N 36-21-19 E	89.402
N 50-23-52 E	139.202
N 43-36-06 E	96.822
N 61-26-14 E	130.921
N 73-01-51 E	83.669
S 70-11-26 E	48.749
S 89-37-33 E	202.086
N 76-40-11 E	282.727
N 80-51-02 E	131.148
N 49-56-54 E	82.891
N 69-50-46 E	116.11
N 17-32-51 E	128.405
S 87-38-25 W	209.992
N 15-18-05 E	265.65
N 23-57-37 E	196.987
N 30-27-50 E	295.859
N 08-43-14 W	342.97
N 25-37-14 E	217.387
N 42-44-20 E	305.006
N 53-17-18 E	500.206
N 17-25-20 E	197.047
N 60-39-14 E	119.945
N 06-22-48 E	282.98
N 14-58-07 E	193.577
N 20-25-52 E	201.332
N 20-44-32 E	131.895
N 41-16-16 E	184.954
N 29-05-10 W	172.792
N 01-07-24 W	255.059
N 41-51-24 E	232.285
N 07-41-45 W	261.358

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 88-29-37 W	190.066
N 60-35-32 W	272.196
N 88-00-11 W	268.025
S 71-55-47 W	296.628
N 70-35-48 W	132.237
N 41-55-31 W	221.559
N 41-55-32 W	204.39
N 49-11-45 W	45.771
N 49-11-21 W	95.029
N 59-46-21 W	244.426
N 12-47-06 E	77.473
N 28-23-33 E	105.053
N 34-42-24 E	57.962
N 71-09-09 E	239.858
N 32-27-22 E	335.4
N 60-54-32 E	162.5
N 06-34-39 E	558.7
N 23-57-40 E	187.136
N 14-14-58 W	195.005
N 16-59-23 E	150.575
N 05-35-36 E	194.937
N 01-38-40 E	303.944
N 25-20-57 E	190.216
N 67-36-13 E	57.3
N 22-35-37 E	71.962
N 09-14-26 W	67.682
N 06-45-04 W	131.644
N 37-00-26 E	186.665
N 46-43-02 E	78.866
N 59-52-08 E	287.641
N 44-59-52 E	214.964
N 56-31-16 E	297.322
N 81-28-36 E	310.425
N 46-36-53 E	310.457
N 30-32-28 E	181.455
N 05-42-42 E	109.664
N 15-32-55 E	25.064
N 51-27-04 E	152.842
N 43-25-58 E	647.252
N 25-46-47 E	294.299

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 39-10-34 E	362.498
N 29-57-59 E	286.278
N 42-42-26 E	265.385
N 23-14-54 E	440.815
N 22-35-01 E	380.163
N 21-55-27 E	514.207
N 15-54-36 E	229.808
N 20-42-20 E	311.111
N 26-46-38 E	545.252
N 26-55-09 E	379.402
N 35-04-57 E	205.365
N 30-12-58 E	196.796
N 10-07-58 E	85.363
N 25-12-28 E	112.364
N 39-04-30 E	109.142
N 27-55-53 E	204.596
N 23-01-07 E	231.655
N 34-54-23 E	484.732
N 26-33-48 E	228.087
N 15-26-43 E	236.548
N 09-14-09 E	417.425
N 08-18-46 E	146.297
N 20-56-44 E	185.696
N 23-07-29 E	174.786
N 30-06-54 E	143.18
N 63-40-43 E	153.929
N 42-42-25 E	229.994
N 28-10-09 E	239.357
N 40-15-26 E	290.916
N 22-56-02 E	572.258
N 12-48-50 E	238.959
N 48-06-19 W	182.699
N 07-07-29 W	185.436
N 25-17-38 E	322.98
N 31-41-25 E	620.546
N 21-08-48 E	260.559
N 37-19-24 E	201.214
N 18-12-34 E	323.201
N 10-48-17 E	310.58
N 26-31-21 E	248.057

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 00-00-01 W	250.009
N 39-57-54 W	274
N 21-33-33 W	220.424
N 14-21-34 E	342.722
N 00-50-49 W	406.054
N 58-52-43 E	253.479
N 33-41-16 E	201.915
N 41-52-11 E	259.194
N 29-52-30 W	162.612
N 77-11-47 W	225.604
N 89-59-55 W	446.988
S 44-59-51 W	227.693
S 89-59-55 W	187.995
N 65-00-14 W	326.583
N 05-05-30 W	153.787
N 39-25-34 W	89.64
N 12-46-44 W	146.514
N 07-31-46 E	133.655
N 41-28-41 W	88.47
N 44-42-59 W	180.819
N 13-49-39 W	117.823
N 01-20-38 E	84.363
N 06-24-44 E	102.304
N 03-24-17 W	144.055
N 05-47-19 E	110.704
N 74-11-09 E	159.447
N 13-48-30 E	58.442
N 17-52-54 E	83.823
N 17-15-35 E	84.523
N 55-28-52 W	45.419
N 13-03-45 W	16.765
N 13-04-12 W	106.353
N 52-43-14 E	104.82
N 46-40-09 E	46.271
N 21-01-23 E	137.695
N 29-25-20 E	85.572
N 28-43-05 E	169.338
N 39-27-29 E	339.316
N 090-2-53 E	614.53
N 30-13-56 E	387.92

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 14-22-51 W	201.315
N 14-41-58 E	271.909
N 03-41-15 E	206.118
N 01-06-36 E	91.333
N 25-57-48 W	127.912
N 02-27-45 E	93.093
N 22-35-08 E	135.384
N 50-47-48 E	181.951
N 60-49-25 E	186.679
N 52-37-38 E	229.011
N 25-23-12 E	63.412
N 41-11-16 E	194.803
N 14-49-38 E	88.683
N 14-34-09 W	43.541
N 22-09-35 W	57.361
N 20-59-12 W	186.928
N 20-59-13 W	47.051
N 02-24-31 E	171.836
N 36-17-44 E	140.213
N 70-47-06 E	209.677
S 87-16-29 E	147.166
N 28-41-38 W	216.603
N 00-00-01 W	147.005
N 38-15-27 E	156.643
N 30-15-19 W	152.822
N 14-59-06 W	204.975
N 14-44-33 E	157.185
N 16-00-54 W	112.363
N 75-33-22 W	272.612
N 31-29-16 W	411.614
N 13-36-00 W	255.157
N 02-00-33 E	228.148
N 26-33-50 W	214.663
N 16-56-56 W	443.704
N 28-06-55 W	160.522
N 13-25-35 E	228.248
N 26-07-28 W	174.873
N 16-070-8 E	180.086
N 19-52-06 W	214.795
N 05-05-01 W	327.301

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 19-04-04 E	171.416
N 34-27-54 E	143.133
N 03-56-05 W	189.456
N 12-44-33 W	290.158
N 15-17-10 E	155.505
N 59-02-00 E	262.389
N 26-00-47 W	232.564
S 67-52-16 W	196.467
N 80-28-57 W	169.325
N 37-24-41 W	380.221
N 07-04-12 W	259.988
N 14-36-12 E	146.745
N 14-44-35 W	235.766
N 06-58-49 E	148.105
N 38-39-26 E	211.304
N 12-56-52 E	281.16
N 25-17-48 E	344
N 58-40-49 W	221.235
N 15-12-17 W	202.075
N 04-23-55 W	234.698
N 32-25-41 E	214.445
N 04-49-01 W	178.636
N 11-52-18 E	158.232
N 11-27-12 E	163.406
N 28-11-03 E	237.126
N 81-52-06 W	190.915
N 78-07-31 W	218.673
N 54-42-35 W	268.295
N 25-20-42 W	210.243
N 38-19-21 W	212.87
N 11-35-28 E	199.067
N 12-55-13 W	211.91
N 23-58-27 W	338.686
N 18-10-04 E	272.599
N 23-26-13 W	188.563
N 18-15-32 E	207.457
N 17-10-17 W	389.929
N 17-27-05 W	199.665
N 00-27-22 E	251.019
N 57-03-47 W	274.034

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 18-40-52 W	293.466
N 63-36-44 W	288.002
N 27-57-58 W	383.835
N 59-07-37 W	214.365
N 45-52-01 W	186.698
N 30-32-56 W	240.232
S 88-58-31 W	107.95
S 64-59-44 W	229.507
S 39-35-51 W	285.525
S 86-15-33 W	153.325
N 62-10-03 W	182.055
S 65-48-25 W	280.636
S 45-54-33 W	307.493
S 50-59-43 W	359.201
S 59-09-55 W	372.667
S 78-26-53 W	284.752
N 73-14-00 W	183.804
N 34-52-55 W	410.841
N 03-25-36 E	167.306
N 43-20-38 E	269.523
N 75-31-05 E	187.965
N 57-00-58 E	224.119
N 15-15-14 E	171.036
N 32-11-09 E	232.786
N 25-19-43 W	165.962
N 67-04-58 W	133.536
N 16-58-44 W	136.973
N 13-26-14 E	116.184
N 15-45-22 W	51.151
N 00-27-45 W	385.803
N 19-39-08 E	297.33
N 34-52-22 E	201.124
N 30-25-46 E	587.415
S 87-59-43 W	247.647
S 61-22-16 W	219.869
S 78-8-20 W	305.08
D=53-13-24, L=316.52, R=340.74	-
S 24-54-50 W	135.06
D=24-34-04, L=246.18, R=574.13	-
S 00-20-56 W	661.36

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
D=89-39-28, L=846.17, R=540.74	-
S 89-59-43 W	347.36
N 00-00-13 W	50
S 89-59-43 W	412.87
D=66-10-05, L=451.24, R=390.74	-
N 66-10-03 W	11.12
N 24-06-50 E	58.53
S 59-21-31 E	6.05
D=10-55-16, L=204.09, R=1070.72	-
D=34-05-52, L=292.04, R=490.74	-
N 89-59-43 E	412.87
N 00-00-13 W	50
N 89-59-53 E	347.36
D=89-39-07, L=533.17, R=340.74	-
N 00-20-56 E	661.36
D=24-33-58, L=331.92, R=774.13	-
N 24-54-50 E	135.06
D=36-55-01, L=348.41, R=540.74	-
S 87-47-55 W	780.818
N 26-18-55 E	1035.521
N 63-31-56 W	845.914
N 87-43-37 E	45.767
N 32-47-10 E	349.354
N 50-5-0 E	197.801
N 33-36-22 E	670.235
N 2-2-43 W	374.83
N 2-2-56 W	1324.671
N 2-29-39 W	1316.586
N 2-29-39 W	330.011
The following bearings and distances describe an area that is not included in the Project Boundary.	
N 25-32-0 E ⁵	37.001
N 36-58-32 E	106.403
N 47-9-55 E	46.141
N 17-46-23 E	99.874
N 33-40-11 W	79.941
N 74-44-44 W	57.009
N 45-41-17 E	58.691
N 44-59-57 W	21.21

⁵ Starting coordinate is Northing 694,584.401 and Easting 2,470,228.829 (Washington State Plane, North Zone, NAD83/91, US Survey Feet).

Bearing or Curve (Degrees-Minutes-Seconds)	Distance (US Survey Feet)
N 75-33-52 W	104.288
N 67-22-48 W	77.999
N 47-17-23 W	123.839
N 41-8-1 W	104.89
N 19-54-56 W	146.783
N 65-51-16 W	31.779
N 19-10-41 W	24.351
N 2-9-40 E	53.042
N 14-39-21 E	67.193
N 32-38-20 E	181.706
N 52-41-38 E	79.201
N 44-11-1 E	149.213
N 48-34-27 E	45.341
N 66-2-7 E	29.55
S 28-18-0 E	59.061
S 36-24-29 E	99.401
S 24-46-27 E	85.911
S 13-51-38 E	79.312
S 19-39-11 E	74.332
S 29-36-13 E	101.211
S 15-20-58 E	52.891
S 55-29-27 E	58.249
S 31-11-59 E	83.011
S 24-18-13 E	136.062
S 7-56-35 E	43.421
S 37-52-23 W	22.801
S 60-43-47 W	104.321
S 21-38-36 W	67.782
S 49-33-6 W	80.161
S 32-28-10 W	52.152
S 78-45-4 W	18.031