

Willamette River Greenway Inventory

An Update to Portland's Statewide Planning Goal 15 Inventory

Recommended Draft, October 2020



Bureau of Planning and Sustainability

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City of Portland, Oregon



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For more information

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Introduction



The Willamette River is literally and figuratively the center of Portland and has been instrumental in shaping our city, economy, culture, natural systems and quality of life for centuries.

The State of Oregon recognized the importance of the river as it focused on development of the state planning goals in the early 1970s and adopted a specific goal for the Willamette River. Oregon State Land Use Planning Goal 15 is intended to “protect, conserve, enhance and maintain the natural, scenic, historical, agricultural, economic and recreational qualities of lands along the Willamette River.”

Goal 15 stipulates that “when information on such items is not available through previous studies, information will be maintained by the agencies for those portions of the plan for which they are responsible. This requirement shall not limit units of government from collecting information on other items.”

Under the new statewide land use laws, local jurisdictions were required to inventory existing conditions along the riverbank to:

- Determine which lands were suitable or necessary for inclusion within the Willamette River Greenway Boundaries.
- Develop management plans and acquisition programs.

This document is an update to the Goal 15 inventory adopted in October 2014 by the Portland City Council. Goal 15 specifically refers to the following items for inclusion in the inventory:

1. Agricultural lands as provided by Goal 3. This includes all land currently in farm use as defined by ORS Chapter 215.203(2).
2. All current aggregate excavation and processing sites, and all known extractable aggregate sources.
3. Current public recreation sites, including public access points to the river and hunting and fishing areas.
4. Historical and archaeological sites.
5. Timber resources.
6. Significant natural and scenic areas and vegetative cover.
7. Fish and wildlife habitats.
8. Areas of annual flooding and flood plains.
9. Land currently committed to industrial, commercial and residential uses.
10. The ownership of property including riparian rights.
11. Hydrological conditions.
12. Ecologically fragile areas.
13. Recreational needs as set forth in State Land Use Goal 8.
14. Other uses of land and water in or near the Greenway.
15. Acquisition areas.

Organization of the Document

This document is intended to serve as the City of Portland’s Goal 15, Willamette River Greenway Inventory. The maps in this inventory feature geographic representations of regulatory, land use, ownership, environmental, recreation, historic and cultural information. The City of Portland Bureau of Planning and Sustainability (BPS) Geographic Information System (GIS) team generated these maps.

Descriptions for the maps occur on pages 3 to 13. The descriptions summarize relevant reports and plans and provide additional inventory details. The maps are grouped at the end of the inventory on pages 14 to 31 for easy comparison.

Use of this Goal 15 Inventory

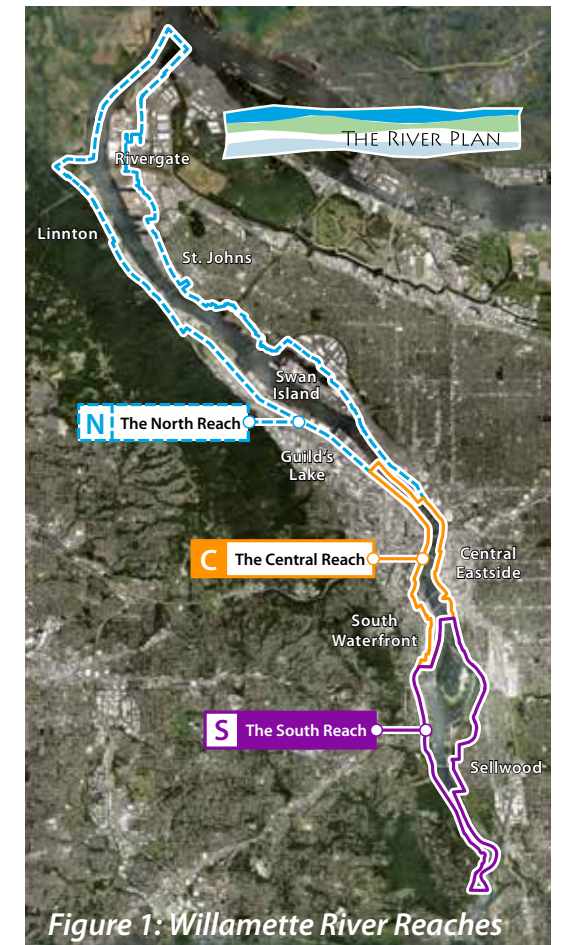
This Goal 15 inventory, along with other information, will be used to inform updates of the City’s plans for the land along the Willamette River. The first use of this inventory will be during the update of the River Plan/North Reach.

Figure 1 show the Willamette River reaches.

Aerial Photograph

Map 1, on pages 14 and 15, is the 2017 aerial photograph of the land within the Willamette River Greenway overlay boundaries.

This composite digital aerial photograph of the corridor shows natural features, water bodies and urban development. The river’s edge is lined by urban development in the downtown area, with the inner city street grid and other transportation systems that expand outward from the river to the region. Most of the riverfront and bottomland in North and Northwest Portland are developed as industrial districts. The river corridor south of downtown is made up of natural areas, parks, recreation, and residences including floating homes.



Zoning

Every parcel of land in Portland has a base zone that establishes what uses and development are allowed. Some parcels also have additional regulations that are based on their location and overarching desired outcomes. The Portland Zoning Code and the Portland Zoning Map define property characteristics overall. It is up to the property owner to use and develop property within the parameters allowed by zoning (and applicable policies and regulations).

Map 2, on pages 16 and 17, shows base zones and **Map 3**, on pages 18 and 19, depicts overlay zones. Combined, these maps address the following Goal 15 items:

- Item 1: Agricultural lands** – Multiple base zones allow or conditionally allow agricultural uses. Agricultural uses are not allowed in multi dwelling residential zones and in some single-dwelling and commercial zones.
- Item 2: Aggregate excavation and processing** – Mining is only allowed in industrial zones; it is a conditional use in open space and residential farm/forest zones. Manufacturing and production are allowed in all industrial and employment zones and limited in some commercial zones.
- Item 3: Public recreation and access** – Open spaces, which are public recreational areas, are depicted on the map. All other base zones allow, limit or conditionally allow parks and open space uses.
- Item 5: Timber Resources** – Timber harvesting is considered an agricultural use in the zoning code.
- Item 9: Lands currently committed to industrial, commercial and residential uses.**
- Item 13: Other uses** – Institutional zones are depicted on the map.

Explanation of the Data on the Maps

BASE ZONES

The source of this information is the Bureau of Planning and Sustainability’s GIS zoning data (December 2018), which is used for Portland’s official zoning maps. All properties are mapped with base zone designations that fall into the general categories of single and multi-dwelling residential, commercial, industrial, employment, institutional and open space. These base zone groupings comprise more specific categories listed in **Table 1**. Zoning designations are implemented through the Portland Zoning Code, which sets allowed development, density and design standards for new development and property alterations.

Table 1: Generalized Base Zone Sub-Categories

Open Space	Single Dwelling Residential	Multi-dwelling Residential	Commercial	Employment	Industrial	Institutional
Open Space (OS)	Farm and Forest (RF)	Residential (R2) 2,000	Commercial Mixed Use 1 (CM1)	General Employment 1 (EG1)	General Industrial 1 (IG1)	Campus Institutional 1 (CI1)
	Single Dwelling (R20) 20,000	Residential (R1) 1,000	Commercial Mixed Use 2 (CM2)	General Employment 2 (EG2)	General Industrial 2 (IG2)	
	Single Dwelling (R10) 10,000	High Density Residential (RH)	Commercial Employment (CE)	Central Employment (EX)	Heavy Industrial (IH)	
	Single Dwelling (R5) 5,000	Central Residential (RX)	Central Commercial (CX)			

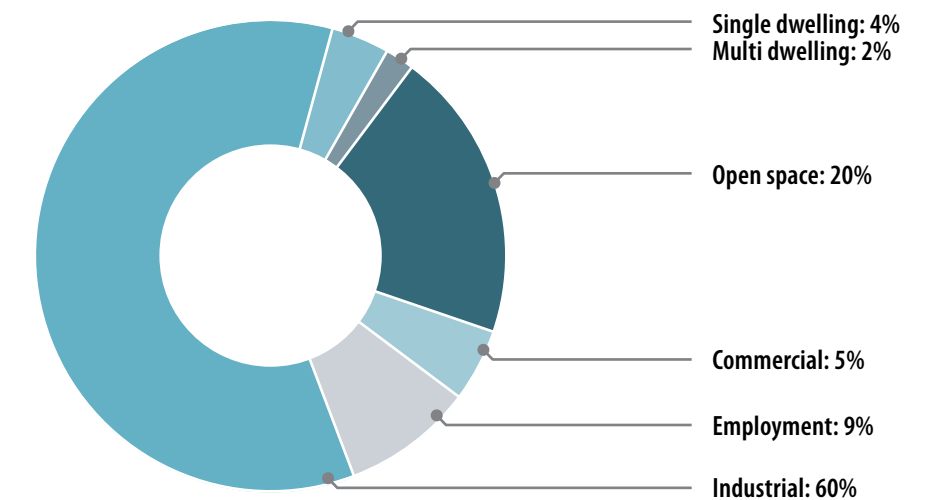
Each base zone has a general land use specification but also permits other uses. For example, agricultural uses are allowed within industrial zones. The base zone map does not represent existing land uses, rather the desired land use pattern set out in the goals and policies of Portland’s *2035 Comprehensive Plan* (2016). Appendix A presents tables that specify the allowed, limited, conditionally allowed and prohibited land uses within each base zone.

Table 2 shows the acreages of zones within each reach and in South Waterfront. The predominant zoning in the North Reach is industrial. In the Central Reach the predominant zones are commercial and multi dwelling residential. And in the South Reach the predominant zoning is open space. Figure 2 summarizes the total zoning in the Willamette Greenway.

Table 2: Acres per Zone by Willamette River Area

Zone	North Reach	Central Reach	South Waterfront	South Reach	Total Acres
CE				5.5	5.5
CI1	60.0				60.0
CM1				5.7	5.7
CM2				51.1	51.1
CX		37.6	69.1		106.7
EG1	1.1				1.1
EG2	125.8			25.0	150.8
EX		50.9			50.9
IG1	12.0	0.9			12.8
IG2	158.7				158.7
IH	1,653.1	0.2			1,653.3
OS	168.2	31.9	0.3	403.7	604.1
R1				33.0	33.0
R10				0.6	0.6
R2				0.9	0.9
R20				53.3	53.3
R5	6.4			5.5	11.9
RF	14.3			42.9	57.2
RH				17.1	17.1
RX		21.1			21.1
Reach Total	2,199.6	142.6	69.4	644.2	3,055.8

Figure 2: Zoning in the Willamette Greenway



OVERLAY ZONES

The source of this information is BPS's GIS zoning data (December 2018), which is used for Portland's official zoning maps. There are multiple overlay zones within the Willamette Greenway boundary; however, only the overlay zones that related to the Goal 15 inventory items are included on Map 3 (pages 18 and 19). Overlay zones are applied in conjunction with base zones. The applicable Goal 15 overlay zone regulations are defined in the Portland Zoning Code chapters 440, 475, and 480. The overlay zones often overlap one another. Two river overlay zones were established with the 2018 adoption of the Central City 2035 Plan; River Environmental (e) and River General (g*). The following overlay zones are represented along the Willamette River:

Greenway and River Overlay Zones

The Greenway and River Overlay Zones are intended to protect, conserve, enhance and maintain the natural, scenic, historical, economic, recreational qualities of the lands and water along the Willamette River. The greenway overlay zones as described below include: river natural, river general, river recreational, river industrial and river water quality.

- **River Natural (n)** – Protects, conserves and enhances land of scenic quality or of significant importance as wildlife habitat.
- **River General (g)** – Allows for uses and development that are consistent with the base zoning that allow for public use and enjoyment of the waterfront, and enhance the river's natural and scenic qualities.
- **River General (g*)** – Same as River General (g) but applies only to Central Reach.
- **River Environmental (e)** – Protects, conserves and enhances important natural resource functions and values while allowing environmentally sensitive development. The zone limits the impacts from development and vegetation maintenance on the natural resources and functional values contained within the overlay zone. Mitigation is required for unavoidable impacts and is intended to have no net loss of natural resource features or functions over time.
- **River Recreational (r)** – Encourages river-dependent and river-related recreational uses that provide a variety of public access opportunities to and along the river, and enhances the river's natural scenic qualities.
- **River Industrial (i)** – Encourages and promotes the development of river-dependent and river-related industries that strengthen the economic viability of Portland as a marine shipping and industrial harbor, while preserving and enhancing riparian habitat and providing public access where practical. Primary uses for these properties are river-dependent and river-related.
- **River Water Quality (q)** – Protects functional values of water quality resources by limiting or mitigating the impact of development in the setback. The (q) overlay overlaps the greenway overlay zones.

Table 3 shows the acreages of greenway overlay zones within each reach and in South Waterfront. Some properties have more than one overlay zone applied. The primary overlay zone in the North Reach is (i), which is the industrial zone. In the Central Reach the predominant overlay zone is the (g*), which is the river general zone specific to the Central Reach. In the South Reach, the predominant overlay zones are (n) and (g) which are often combined with (q).

Environmental Overlay Zones

The environmental overlay zones protect natural resources and functional values identified by the City as providing public benefits. Environmental overlay zones are only applied in unincorporated urban areas along the Willamette River. Within Portland, greenway overlay zones protect natural resources along the Willamette River. The environmental overlay zones are as follows:

- **Environmental Protection Overlay Zone (p)** – Provides the highest level of protection to the most important resources and functional values identified by the City. Development in this zone is only approved in rare and unusual circumstances. There are 20 acres of (p) overlay along the Willamette River located at Harborton Wetlands at the confluence with Multnomah Channel at the north end and across from Elk Rock Island at the southern boundary.
- **Environmental Conservation Overlay Zone (c)** – Conserves important resources and functional values in areas where they can be protected while allowing environmentally sensitive urban development. There are 20 acres of (c) overlay along the Willamette River's South Reach.

Scenic Resource Overlay Zone

The Scenic Resource Overlay Zone, symbolized by an (s) on the zoning map, is used to implement the policies of the Central City Scenic Resources Protection Plan (2018) and Scenic Resources Protection Plan (1991). The s-overlay identifies where specific development standards for view corridors and scenic corridors are applied in relation to new development or redevelopment. There are 259 acres of (s) overlay in the greenway overlay zones; 208 acres in the North Reach, 10 acres in the Central Reach, 0 acres in South Waterfront and 41 acres in the South Reach.

Table 3: Greenway/River Overlay Zone Acres

Greenway Overlay Zones	North Reach	Central Reach	South Waterfront	South Reach	Grand Total
e,g*	-	395	-	-	395
g	295	-	140	308	743
g*	-	150	-	-	150
g,q	265	-	-	204	469
i	3,636	-	-	-	3,636
i,q	9	-	-	-	9
n	41	-	-	11	52
n,q	38	-	-	561	600
q	6	-	-	263	269
q,r	194	-	-	174	368
r	11	-	-	22	33
Reach Total	4,496	545	140	1,544	6,725



Osprey at McCormick Pier

Land Uses

The generalized existing land uses along the Willamette River are depicted in **Map 4** on pages 20 and 21. This map shows how the land is currently being used as compared with the zoning map, which shows the desired land uses. Map 4 provides information about the following Goal 15 items:

- Item 1: Agricultural lands** – No land within the Willamette Greenway is currently being used for agricultural purposes. (Also see section on Zoning for a description of zones that allow agricultural uses.)
- Item 2: Aggregate excavation and processing** – Industrial uses that are specifically related to aggregate excavation or aggregate processing are noted on the maps.
- Item 3: Public recreation and access** – Parks and open spaces are public recreation areas that provide public access to the Willamette River. (Also see section on Recreation for information about trails, viewpoints and recreational needs.)
- Item 5: Timber resources** – No land within the Willamette Greenway is currently being used for timber resources. (Also see section on Zoning for a description of zones that allow farm/forest uses.)
- Item 9: Lands currently committed to industrial, commercial and residential uses** – (This item is satisfied by information associated with Maps 2 and 3; what is shown on Map 4 is supportive.)
- Item 13: Other uses** – Other uses shown on the Land Uses map include office, institutional, utilities, vacant and other.

Table 4: Land Uses within Generalized Land Use Categories

Category	Land Uses
Aggregate Excavation / Processing	Asphalt production, cement/concrete production, sand/gravel extraction.
Auto Related	Car wash, automobile dealership, gas/oil station, automobile services center.
Commercial	Prevalent uses along the river: office, commercial condominium, garage/parking structure, parking lot, restaurant, store. Other uses: bank, bowling alley, funeral home, general shop, health club, hotel, skating rink, lumber yard, medical office, motel, tavern, theater.
Industrial	Prevalent uses along the river: general industrial, marine terminal, truck terminal, distribution, warehouse, wholesale, special purpose industrial. Other uses: special purpose industrial, industrial office, mini storage, multi-story storage, showroom.
Institutional	Foster care, cemetery/mausoleum, church, day care, fraternal organization, adult home, nursing home, university, public building.
Multi-dwelling Residential	Prevalent uses along the river: Apartments, condominiums. Other uses: attached housing, manufactured home park.
Parks and Open Space	Park, golf course.
Right of Way	Rail road, state highway.
Single Dwelling Residential	Detached housing, semi-detached housing.
Utility	Power lines, natural gas pipes, pump stations.
Vacant	Vacant, no development on property
Other	Captures land uses that don't fit under one of the other categories. For example, Centennial Mills is owned by the Prosper Portland and is not currently being used, and it is not vacant; therefore, it is <i>other</i> .

Explanation of the Data on the Maps

The data was derived from Multnomah County tax assessor data and updated by BPS to reflect the actual but generalized uses of land in August 2018. This differs from **Map 2** (Base Zones) and **Map 3** (Overlay Zones), which show the zoning that allows particular land uses. Primary uses are depicted on the map, while accessory uses are included under the primary use. For example, a parking lot that serves as accessory to a restaurant is categorized as commercial. **Table 4** explains what specific uses are included in each generalized land use category.

Table 5 summarizes the acres of each land use category by reach. In the North Reach, the predominant land use is industrial. Industrial uses that are located within the Willamette Greenway industrial overlay zone (i) are river-dependent or river-related uses. Examples include marine cargo terminals, ship repair yards, barge services, dredge facilities and U.S. Coast Guard facilities.

In the Central Reach, the predominant land use is commercial, multi-dwelling residential, parks and open space, industrial and vacant. Examples of land uses found in the Central Reach include condominiums and apartments and Governor Tom McCall Waterfront Park.

In the South Reach, the predominant land use is parks and open space, including Ross Island, Oaks Bottom and Powers Marine. There are also commercial, industrial and residential uses.

Although agriculture and timber uses are allowed in most of the base zones, there are no agriculture or timber land uses along the Willamette River in Portland.

Figure 3: Percent of Generalized Land Uses

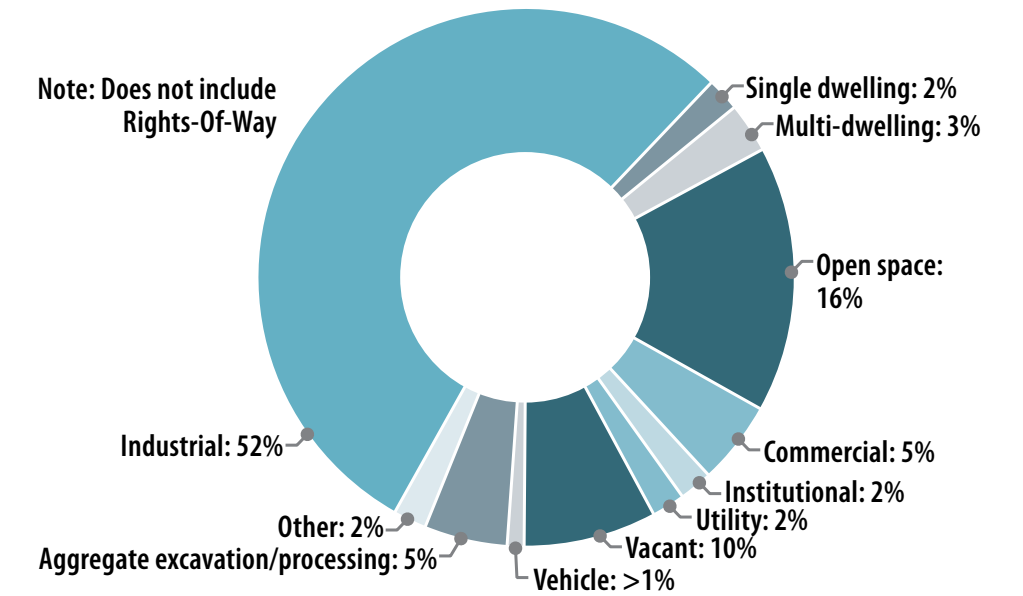


Table 5: Acres of Generalized Land Uses

Land Use Category	North Reach	Central Reach	South Waterfront	South Reach	Total
Aggregate Excavation/Processing	90.0			51.0	141.0
Auto Related				2.0	5.0
Commercial	44.0	25.0	26.0	66.0	161.0
Industrial	1478.0	8.0	9.0	78.0	1573.0
Institutional	56.0	9.5		1.0	66.0
Multi-Family Residential		37.0	6.0	48.0	91.0
Parks Open Space	153.0	33.0	4.0	311.0	501.0
Right of Way	0.5	2.0	2.0	14.0	18.0
Single-Family Residential	3.0			51.0	54.0
Utility	76.0	2.0			78.0
Vacant	245.0	17.0	22.0	20.0	304.0
Other	52.0	10.0		1.0	63.0
Total	2200.0	142.0	69.0	644.0	3055.0

Ownership

The property ownership shown on **Map 5**, on pages 22 and 23, and the list of owners in Appendix B provide information about the following Goal 15 items:

Item 10: Ownership of property – A list of all property owners is provided and corresponds with the numbers on the map.

Item 10: Riparian rights – For the purposes of this inventory, any property that has land located at or below the ordinary high water mark of the Willamette River is considered to have a riparian right. A list of properties considered to have a riparian right is provided in Appendix C.

Explanation of the Data on the Maps

OWNERSHIP

The data was derived from Multnomah County tax assessor data. The primary property owners are included in the list associated with **Map 5**. Docks associated with commercial and industrial properties are shown on this map. In some cases there is a second or third owner; however, those names are not included on the list. **Table 6** presents the top 10 property owners in the North, Central, South Waterfront district and South Reach. The largest property owners include the Port of Portland, City of Portland, and Ross Island Sand and Gravel. See Appendix B for the complete list of property owners.

RIPARIAN RIGHTS

For the purposes of the Willamette River Goal 15 inventory, riparian rights are defined as properties that have land at or below the ordinary high water mark of the Willamette River. Appendix C includes a list of all properties that are considered to have a riparian right.



Table 6: Top 10 Property Owners by Area

	Owner	Map ID	Acres
North Reach	1. PORT OF PORTLAND	229	547
	2. CITY OF PORTLAND	230	455
	3. EVRAZ INC NA	96	135
	4. PORTLAND GENERAL ELECTRIC CO	231	77
	5. SCHNITZER STEEL INDUSTRIES INC	265	74
	6. SHIPYARD COMMERCE CENTER LLC	273	72
	7. UNIVERSITY OF PORTLAND	307	59
	8. ATOFINA CHEMICALS INC	28	59
	9. GUNDERSON INC	122	55
	10. SILTRONIC CORP	277	53
Central Reach	1. CITY OF PORTLAND	230	36
	2. OREGON MUSEUM OF SCIENCE &	208	16
	3. MC CORMICK PIER CONDOMINIUM	180	10
	4. FREMONT PLACE LP	105	7
	5. NBP RIVER DRIVE INVESTMENTS LLC	200	6
	6. OREGON STATE OF	211	5
	7. SHORELINE CONDOMINIUMS CONDOMINIUM ASSN	275	5
	8. UNION PACIFIC RAILROAD COMPANY	305	5
	9. AEGEAN CORP	11	4
	10. RIVERPLACE CONDOMINIUM NO 1	252	4
South Waterfront	1. Z R Z REALTY COMPANY	332	17
	2. OREGON HEALTH & SCIENCE UNIVERSITY	207	16
	3. THE LANDING AT MACADAM LLC	296	6
	4. PORTLAND CITY OF	230	5
	5. RIVER FORUM LLC	248	4
	6. T & E INVESTMENTS LLC	293	4
	7. MACADAM AVE EXCHANGE LLC	172	3
	8. DUSSIN FAMILY HOLDINGS LLC	86	2
	9. MERIWETHER CONDOMINIUMS OWNER ASSN	182	2
	10. OREGON STATE OF	211	2
South Reach	1. PORTLAND CITY OF	230	258
	2. ROSS ISLAND SAND & GRAVEL CO	260	126
	3. METRO	184	45
	4. OAKS PARK ASSOCIATION	206	34
	5. TRI-COUNTY METROPOLITAN	304	14
	6. OREGON YACHT CLUB LTD	212	9
	7. RIVERRIDGE CONDOMINIUM OWNERS ASSN	254	7
	8. OREGON STATE OF	211	6
	9. WL-SKB JOHNS LANDING OWNER LLC	327	6
	10. SELLWOOD HARBOR CONDOMINIUM OWNERS ASSN	271	5



Natural Resources

This map series includes existing natural resources and how these areas rank in terms of providing natural resource function. **Map 6**, on pages 24 and 25, depicts natural resource features including rivers, streams, wetlands, flood area and vegetation. **Map 7**, on pages 26 and 27, shows existing features that receive a relative rank as providing riparian corridor functions or wildlife habitat. In addition to the maps, the City has a Natural Areas Acquisition Strategy (2006) that identifies priority resource types and locations for acquisition. Combined, the maps and the Natural Areas Acquisition Strategy address the following Goal 15 elements:

Item 6: Significant natural areas, scenic areas and vegetative cover – All features that receive a rank as providing natural resource functions are significant.

Item 7: Fish and wildlife habitat – The features are ranked for functions that relate directly to fish and wildlife habitat, such as food web and forest patch size. Therefore, all features that receive a rank provide fish and wildlife habitat.

Item 8: Areas of annual flooding and flood plains – Flood area data for the 100-year flood plan and 1996 flood inundation are identified on **Map 6**.

Item 11: Hydrologic conditions – The bathymetry and floodplain represent hydrologic conditions of the Willamette River.

Item 12: Ecologically fragile areas – Special Habitat Areas are included on Map 7. These areas include unique, rare and declining habitat features in Portland.

Item 15: Acquisition areas – The Natural Areas Acquisition Strategy identifies resource types and general locations as priority acquisition areas (see page 9).

Explanation of the Data on the Maps

All of the data on **Map 7** and **8** comes from the Natural Resources Inventory Update (June 2012), which was adopted by City Council in December 2012 as the factual basis for the Comprehensive Plan update. **Table 7** presents a summary of the natural resource features in the Willamette River Greenway. The data is explained in the narrative following the table on page 9.

Table 7: Natural Resource Features by River Area

Features	Acres	Miles
Greenway	6725	
River (acres)	3311	23
Swan Island Channel		2
Ross Island Channel		2
Stream/Drainageway-Open Channel		2



	North Reach	Central Reach	South Waterfront	South Reach	Total
River (miles)	12.3	2.8	0.4	7.2	22.7
Stream (linear feet)	8,007	0	68	1,508	9,583
Wetlands	50	0	0	96	146
Flood Area					
vegetated	231	11	9	284	536
non-vegetated	379	44	28	149	600
open water	2,096	328	67	820	3,311
Reach total	2,707	383	104	1,253	4,447
Vegetation					
Forest	162		1	261	424
Woodland	71	9	1	67	149
Shrubland	127	7	2	48	184
Herbaceous	154	21	8	59	242
Reach Total	515	36	12	436	999

Natural Resource Features

RIVER BATHYMETRY

River depth, or bathymetry, is derived from the U.S. Army Corps of Engineers survey information (2011). The bathymetry is mapped from the ordinary high water mark. Shallow water areas provide important habitat for water fowl and provide resting, feeding and hiding spots for migrating fish, including Endangered Species Act (ESA)-listed salmon.

STREAMS

Stream data is derived from Metro RLIS data and updated by BPS. The streams on the west side of the Willamette River flow through steep ravines on their way to the river. Most of these streams also pass through pipes or culverts before entering the river. On the east side, urban development has buried most of the streams once known to exist. The exceptions are the Columbia Slough, located in North Portland, and Johnson Creek, located in Southeast Portland. Both the Columbia Slough and Johnson Creek confluences provide habitat for ESA-listed fish.



Oaks Bottom

WETLANDS

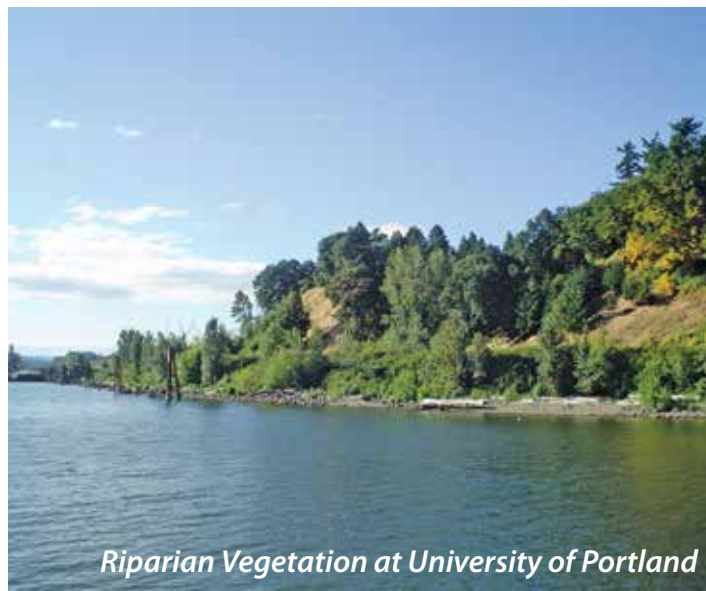
Wetland data is derived from the National Wetlands Inventory, maintained by the Oregon Department of State Lands. Wetland data is updated by BPS based on wetland delineations of federal, state or city permits. In the North and Central reaches of the Willamette River there are few remaining wetlands; most have been filled for development. Notable exceptions are the Terminal 5 Forest Wetland and Harborton Wetlands, both located in North Portland. In the South Reach, Oaks Bottom is a large protected wetland within the floodplain. Wetlands are important habitat areas and provide a host of functions, including storing flood water, filtering pollutants and cycling nutrients.



Flood Area

FLOOD AREA

There are two sources for flood area data. The 100-year floodplain is derived from Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Maps used for the National Flood Insurance Program. The 1996 flood inundation area is derived from the U.S. Army Corps of Engineers digitized aerial maps of the 1996 flood in the Willamette Valley. The flood area in the Greenway overlays is largely contained within the Willamette River's banks; however, there are locations where large floods can overtop the banks, including on the east side of the North Reach just south of the PGE power line corridor. Not only does the floodplain provide attenuation of flood water, but the vegetated floodplain contributes nutrients.



Riparian Vegetation at University of Portland

VEGETATION

The vegetation data is derived from aerial photography and is maintained by BPS. Patches of contiguous vegetation that are at least 1/2 acre in size are mapped and classified as forest, woodland, shrubland or herbaceous. Depending on the vegetation type and proximity to a river, stream, wetland or flood area, the vegetation provides different functions like microclimate and shade, food web and trapping sediments. Forest and wetland patches 2 acres in size or larger also provide significant wildlife habitat.

Figure 4 summarizes the natural resource features within the Greenway/River overlay zones. Roughly half of the area is the Willamette River. On land, more than half is developed, and the remainder is vegetated or contains wetlands.

Natural Resource Ranks

COMBINED RELATIVE RANKS

The Riparian Corridor and Wildlife Habitat GIS models are used to rank natural resource features based on the functions provided. The GIS models were adopted by the City Council as part of the factual basis for the Portland Comprehensive Plan Update and are constantly maintained by BPS. The combined ranks depict all features that provide at least one riparian corridor or wildlife habitat function (e.g., shade, nutrient cycling, food web, interior habitat area). The ranks are relative to each other, meaning a high ranked feature provides more functions than a medium ranked feature; and a low ranked feature provides more functions than a feature that receives no rank. Any feature that receives a rank of high, medium or low by the GIS models is a significant natural resource. **Table 8** summarizes the acres of ranked natural resources within the Willamette River Greenway sections.

Figure 4: Acres of Natural Resource Features along the Willamette River

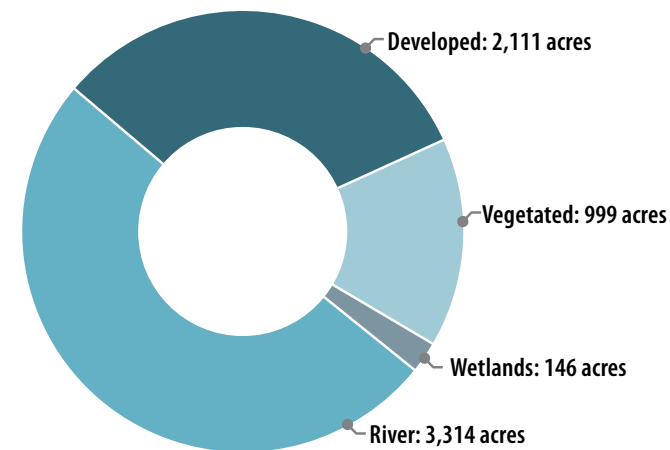


Table 8: Natural Resource Inventory Combined Relative Ranks (acres)

Relative Rank	North Reach	Central Reach	South Waterfront	South Reach	Total
High	2,302	343	74	1,141	3,860
SHA (High)	39			13	52
Medium	251	53	13	145	462
Low	376	29	24	95	524
No Rank	1,527	119	29	150	1,825
Total	4,495	544	140	1,544	6,723

SPECIAL HABITAT AREAS

Special Habitat Areas (SHA) are features that are unique, rare or declining in Portland. The criteria for designating SHAs was adopted by City Council as part of the factual basis for the Portland Comprehensive Plan Update and is maintained by BPS. SHAs in the Greenway/River overlays include: habitat, like the Willamette River, critical to ESA-listed species; unique corridors that connect habitats such as the PGE power line corridor between the Willamette River and Smith and Bybee Wetlands; Ross Island, which provides habitat for migratory birds including bald eagle; Oaks Bottom, which is a complex of multiple habitats from wetland to oak to bottomland hardwood forest; and all Willamette River bridges, which can be used for nesting by peregrine falcons. Appendix D lists the criteria used to designate SHAs.

Natural Area Acquisition Strategy

In 2006 the Portland City Council adopted a citywide Natural Area Acquisition Strategy prepared by the Bureau of Parks and Recreation. The acquisition strategy provides a vision for protecting a healthy connected system of natural areas in Portland, outlines a general approach and highlights priority actions to achieve that vision. The protected system of natural areas should consist of green ribbons along major waterways and feature large natural area parks and preserves, providing access to nature from neighborhoods and trails. The Bureau of Environmental Services partners with Parks and Recreation to acquire properties that have important watershed health and stormwater management benefits.

The acquisition strategy provides examples of the kinds of resources that should be considered for acquisition such as oak/madrone habitat remnants on the bluffs, riparian cottonwood and Oregon ash forests, and beaches and mudflats. The acquisition strategy identifies Harborton Wetlands, the South Rivergate Power Line Corridor, Ross Island, lands around Oaks Bottom and the western riverbank south of Powers Marine as priority acquisition areas.

Recreation

Map 8, on pages 28 and 29, shows public parks and open spaces, public docks and boat launches, scenic views and the Willamette Greenway Trail and other trails, which are briefly described below. This section also summarizes recreational shortfalls touching on acquisition for recreational purposes and other needs. In total, the following Goal 15 items are covered:

- Item 3: Public recreation and access** – All parks and open spaces, the Willamette River, public docks and boat launches, and the Willamette Greenway trail are public recreation sites and provide access to the Willamette River.
- Item 6: Scenic areas** – Willamette Greenway viewpoints and view corridors and the scenic resources views and drives are the identified scenic areas.
- Item 13: Recreational needs** – The discussion summarizes recreational needs as set forth in Goal 8, and additional detail is provided in the plans that are referenced within the summary.
- Item 15: Acquisition areas** – The discussion summarizes acquisition areas, and additional detail is provided in the plans that are referenced in the summary.

Explanation of the Data on the Maps

PARKS AND OPEN SPACES

The data was derived from Multnomah County RLIS zoning and ownership data that is maintained by Portland Parks and Recreation. There are 19 public parks and open spaces totaling 501 acres. From north to south these include: Kelley Point Park, Cathedral Park, Open Meadows Property, Willamette Cove, Harbor View Property, McCarthy Park, Eastbank Esplanade, Tom McCall Waterfront Park, South Waterfront Greenway Central District, Willamette Greenway Trail, Springwater Corridor Trail, Willamette Park, Cottonwood Bay, Oaks Bottom, Ross Island Natural Area, Willamette Moorage Park, Sellwood Riverfront Park, Ira Powers Marine Park and Peter Kerr Property. These parks and open spaces represent diverse types of recreation, from passive to active, from river-related to non-river related. Examples of activities at these parks include boating, fishing, walking, birding, picnicking



Sellwood Park

and spaces for community events like concerts. All take advantage of their location by the Willamette River. Some have specific plans (see Recreational Needs section below) that detail existing and future conditions, improvements and activities. There are natural areas that are privately owned that are not shown on this map.

WILLAMETTE RIVER, PUBLIC DOCKS AND BOAT LAUNCHES

The Willamette River is the largest open space in the Willamette River Greenway. The Willamette River is navigable and classified as *waters of the state*. The public has the right to use the river and land located below the ordinary high water mark, in accordance with state law. Public docks and boat launches are facilities that are nearly all owned or managed by the City to allow the public to access the Willamette River. Portland Parks and Recreation and BPS maintain the data identifying the location of public docks and boat launches. There are 11 publicly owned and/or maintained docks, ramps and boat launch areas. They are located at Kelley Point Park, Cathedral Park, Swan Island Lagoon, McCarthy Park, Duckworth Dock by the Eastbank Esplanade, Fire Dock, Holman Dock, Riverplace Marina, Willamette Park, Willamette Moorage Park, and Sellwood Riverfront Park. Other privately owned docks in Portland, which do not appear on the map, provide additional places for the public to launch watercrafts.

WILLAMETTE GREENWAY VIEWPOINTS AND VIEW CORRIDORS

The *Willamette Greenway Plan* (1987) identifies existing viewpoints and view corridors and identifies a number of locations where viewpoints are to be provided as part of new development projects. The purpose of the viewpoints is to furnish locations where the public can sit and enjoy nature and the built environment along the Willamette River. Viewpoints and view corridors are implemented through requirements in the Portland Zoning Code.

There are 23 rights-of-ways designated as Greenway View Corridors. These corridors are intended to provide visual access to the river and allow the public to enjoy its scenic qualities even when at some distance from the river. Public rights-of-way that are identified as view corridors are protected.



Riverplace Dock

SCENIC RESOURCES

Scenic resources are documented in the Central City Scenic Resources Protection Plan (2018) and Scenic Resources Protection Plan (1991). Scenic resources include views of the Portland skyline, area mountains, bridges or the river, as well as scenic drives, such as Terwilliger Boulevard, and specific features, like the Chinatown Gateway. These resources are generally located in parks, along trails or in public rights-of-way.

There are no parks, recreation and open spaces public acquisition sites shown on **Map 8**. The City of Portland is not currently actively acquiring property within the Willamette River Greenway. However, the City occasionally pursues acquisitions as opportunities arise.

WILLAMETTE GREENWAY TRAIL

Map 8 shows the *Willamette Greenway Plan* (1987) adopted trail alignment that appears in the official zoning maps and indicates which trail sections are built on both sides of the river. The analysis of which segments are built is the result of a study done by Portland Parks and Recreation (PPR) in 1999 and then updated in 2001. At that time Parks found that there are approximately 16 linear miles of built trail with an additional 9 linear miles of proposed trail. This information was updated in 2006 when City Council approved a Recreational Trails Strategy, a long-range regional trail system plan, which identifies gaps in the Willamette Greenway Trail system and makes eliminating these gaps a top priority. The existing trail segments can serve recreational and transportation purposes for walking, rolling and bicycling as well as visual and scenic access to the river. In some locations the trail provides physical access to the river. Current data on built and proposed miles of trails is below (**Table 9**).

Table 9: Willamette Greenway Trail System

Trail Miles	North Reach	Central Reach	South Waterfront	South Reach	Total
Built	3.3	6.4	0.7	7.0	17.4
Proposed	6.1	1.0	0.9	1.5	9.5
Reach Total	9.4	7.3	1.6	8.5	26.9



Eastbank Esplanade Trail

Recreational Needs Summary

Oregon Statewide Planning Goal 8: Recreation Needs requires that jurisdictions inventory existing and future demand by citizens and visitors for recreational areas, facilities and opportunities, and complete planning to address recreational needs. The City was acknowledged by the State for compliance with Goal 8 in 1981.

In addition to compliance with Goal 8, the City has completed citywide, geographically based and resource-specific plans that address the recreational needs of community members and visitors within the Willamette River Greenway. All documents were developed with public participation and subsequent approval by City Council. The plans provide recommendations to the City and its partners for future recreational improvements and potential acquisitions. For acquisition, the emphasis is on additional land acquisition in conjunction with existing parks and open space resources, completion of the Willamette Greenway Trail, and the creation of new parks facilities and activities especially in the downtown core. Below is a summary of the recreational needs identified within each of the relevant city plans.

WILLAMETTE RIVER RECREATION AND RESTORATION STRATEGIES

Key strategies that guide the City's approach to recreation and restoration on and near the Willamette River include:

Willamette River Recreation Strategy – Public Boating Facilities (2012)

- Increase Portlanders' enjoyment of, and direct experience with, the Willamette River.
- Bring people closer to the river to foster an improved understanding of river history, economy, and ecology.
- Manage recreation in concert with other City priorities to secure a net improvement in river health by reducing or eliminating historic hazards for threatened fish and wildlife, and protecting high-value habitat.
- Provide for safe, enjoyable, and valuable on-water recreational experiences for all users.

Natural Areas Restoration Plan (updated 2015)

The overarching goals for the restoration plan are:

- *Contribute to the biological diversity of the Portland metropolitan region.*
- *Preserve and improve the ecological health of natural areas.*

The restoration plan focuses on the following management strategies:

- *Establish a predominance of native vegetation (removal of invasive plant species)*
- *Implement watershed-based salmon recovery*
- *Preserve and restore biological diversity*
- *Follow best management practices to enhance water quality*
- *Ensure monitoring and adaptive management*

Areas with the greatest potential for meeting restoration goals:

- *Oaks Bottom Wildlife Complex includes the wildlife refuge, Oaks Crossing, the Springwater Corridor along the river, and Ross Island natural areas; 254 acres managed by PPR.*
- *South Portland Riverbank Properties -includes westside natural area parks and properties managed by PPR from Cottonwood Bay south to Powers Marine Park.*



South Reach Greenway Trail

APPROVED RECREATION AND NATURAL RESOURCE MASTER PLANS

The plans listed below document specific recommendations for public recreation properties within the Willamette River Greenway. In general, these plans call for improving existing parks, recreation facilities, trails and open spaces to maintain and increase access to and along the Willamette River.

North Portland Greenway Trail Alignment Plan (2013) Establish a 10.5 mile trail alignment corridor from Eastbank Esplanade to Kelley Point Park, developed in segments with estimated implementation costs.

Willamette Park Redevelopment and Phasing Plan (2012) Develop a long-term concept and a short-term improvement plan to enhance this riverfront park, including but not limited to improved park circulation, riverbank restoration and increased access to the water, (e.g. new boat launch).

Willamette Cove Trail Refinement Report (2010) Establish a multi-use Willamette Greenway Trail alignment through the natural area.

Cathedral Park Master Plan (2009) Upgrade and renovate park features and amenities, including but not limited to creating universally accessible pathways and providing a light watercraft launch.

Governor Tom McCall Waterfront Park Master Plan (2003) Enhance access to the river and improve public spaces for public enjoyment and event use.

Oaks Bottom Wildlife Refuge Master Plan (1988) This natural resource management plan addresses Improving public accessibility and alignments of trails and viewpoints.

OTHER RELEVANT PLANS AND REPORTS

Other plans that assess recreational needs and make recommendations for improvements within the Willamette River Greenway are listed below.

Eastbank Crescent Riverfront Plan (2017) A plan for recreation and improved fish and wildlife habitat in the Central Eastside/OMSI area.

Central City Potential Swimming Beach Sites Study (2016) An evaluation of five potential public beach sites.

River Recreation Strategy – Public Boating Facilities (2012) A vision for Willamette River water-based recreation and strategies for enhancing river-recreation (e.g. improvements to specific boat docks).

Recreational Trail Strategy (2006) Prioritizing trail implementation to eliminate gaps in the Willamette River Greenway Trail; identifies possible funding mechanisms.

Willamette Greenway Plan (1987) Policies, a concept and land use controls that define the Willamette River Greenway, including the Greenway Trail, viewpoints and view corridors, and access paths.

Historic and Cultural Resources

Sites listed in the Historic Resources Inventory, historic landmarks and historic districts are shown on **Map 9** on pages 30 and 31. In addition to the maps, the Cultural Resources Analysis Report provides a description of the cultural resources in the Willamette River Greenway. Combined, the maps and summary of cultural resources address the following Goal 15 items:

Item 4: Historical and archaeological sites – Historic landmarks and districts are shown on the map. There are no archaeological sites in the Willamette Greenway; cultural resources are described in text.

Item 15: Acquisition areas – The City has not identified any historic or cultural sites or structures for acquisition.

Explanation of the Data on the Maps



HISTORIC RESOURCE INVENTORY

The data was derived from the 1984 citywide Historic Resources Inventory (HRI). This inventory of potential resources of historic and archaeological significance, including properties within the Willamette River Greenway, was adopted by the Portland Historic Landmarks Commission. Being listed in the HRI is not a true historic designation. Since 1984, dozens of properties have been removed from the list through property owner requests and because of (re)development. Inventoried sites do not have regulatory protections, other than a 120-day demolition delay period. See Appendix E for the list of Historic Resources Inventory sites within the Willamette River Greenway.



HISTORIC DISTRICTS

The data was derived from the National Register of Historic Places. The Oregon State Historic Preservation Office (SHPO) maintains a statewide database of National Register properties. In the Willamette River Greenway area there are two historic districts: Skidmore/Old Town and Yamhill. The former is also designated as a National Historic Landmark. Given the historic significance of these districts, the City adopted specific zoning code regulations and design guidelines and requires land use reviews and public hearings for properties where alterations or redevelopment are proposed.



HISTORIC LANDMARKS

There are two types of historic landmarks; local or "Portland" landmarks designated by the City and National Register properties. The landmarks data was derived from the National Register of Historic Places and the City of Portland records. The City requires land use reviews and has zoning regulations for specific alterations and redevelopment associated with historic landmarks. Local and National Register historic landmarks are generally treated the same in the zoning code, with the notable exception of demolition review, which only applies to National Register properties. Within the Willamette Greenway boundary, there are a variety of historic landmarks, including the St. Johns Bridge, the U.S. Blueback Submarine, Albers Mills, a PGE Substation, St. John's Episcopal Church, and a pioneer church. See Appendix F for a list of historic landmarks within the Willamette River Greenway.

Cultural Resources

The Willamette River and adjacent area has long been, and continues to be, of cultural importance to Native Americans for hunting and gathering, transportation and commerce. The Cultural Resources Analysis Report for the Portland Harbor Superfund Site (2005) provides some understanding about Native American history and cultural resources pre-European American contact, with specific focus on the North Reach section of the Willamette River Greenway area. The following information is from the 2005 report.

There is no consensus regarding the first settlement in the Pacific Northwest, but it probably dates no later than 10,000 to 12,000 years ago. Artifacts have been found in the Willamette Valley from this period. Human settlement within the Portland Basin was highly likely to have occurred 6,400 to 10,000 years ago, but there is no conclusive evidence. There is evidence of Native American occupation along the Columbia River near the mouth of the Willamette River beginning about 3,000 years ago. There are no confirmed Native American archaeological sites within the Willamette River Greenway boundary in the North Reach area. However, based on predictive modeling results from the 2005 report, it is probable there were Native American settlements in the Portland Harbor. In addition, knowledge gained from artifact collectors (1946-72) support the likelihood of settlements along the Willamette River. Locations identified by collectors include the confluence of the Multnomah Channel and Willamette River, near the St. Johns Bridge, at the base of Waud Bluff and on Swan Island.

Some Tribes retain treaty rights to salmon and other fish including lamprey, not only as a source of food but also as part of their culture and spirituality. Wetlands in this region are also culturally important because wetlands support wapato, a harvested item that was traded between Chinookans in the Portland Basin and other Native peoples at the coast. The only known location that currently supports wapato is a small riverine wetland located in the Swan Island Lagoon. Native vegetation was also gathered for food and tools.

In addition to the Native American cultural resources described above, there are historic resources and possibly archeological sites beyond the North Reach section in the Willamette River Greenway boundary.



References

CITY OF PORTLAND, OREGON

Bureau of Planning and Sustainability

2035 Comprehensive Plan (2018)

Central City 2035 (2018)

Central City 2035 Scenic Resources Protection Plan (2018)

Central City 2035 Willamette River Central Reach Natural Resources Protection Plan (2018)

Portland Zoning Code (2018), www.portlandonline.com/auditor/index.cfm?c=28148

Scenic Resources Protection Plan (1991), www.portlandoregon.gov/bps/article/89965

Willamette Greenway Plan (1987), www.portlandoregon.gov/bps/article/59067

Willamette River Natural Resources Inventory (2014)

Bureau of Parks and Recreation

Approved recreation and natural resource management plans and other plans and reports are listed on page 11. Three other relevant resources are listed below.

Natural Areas Acquisition Strategy (2006), www.portlandoregon.gov/shared/cfm/image.cfm?id=130583

Vision 2020 Plan (2001)

Parks Vision 2020 Progress Report (2009)

Office of Healthy Working Rivers

River Recreation Strategy – Public Boating Facilities (2012)

OTHER

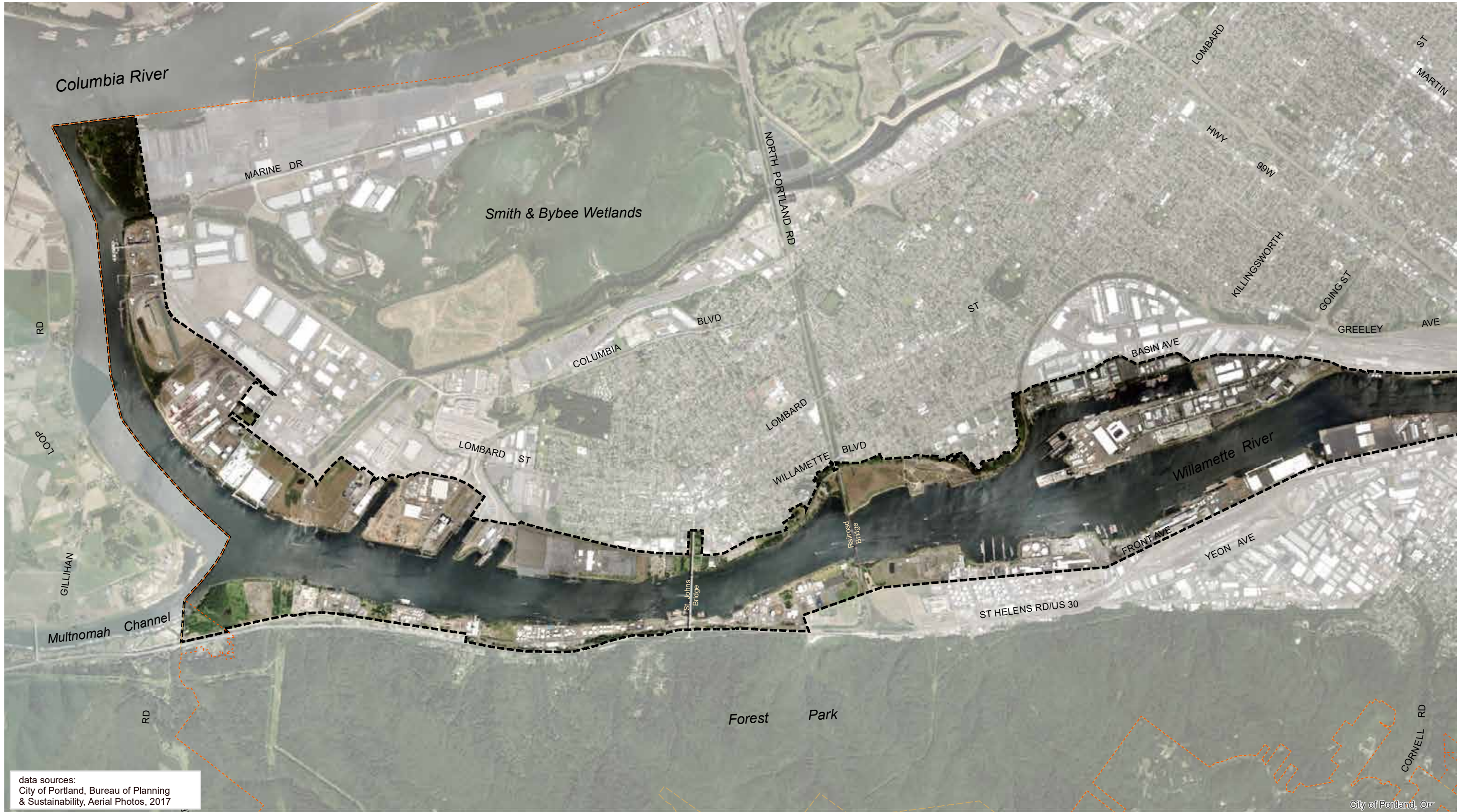
Archaeological Investigations Northwest, Inc., Portland, Oregon

Cultural Resource Analysis Report for the Portland Harbor Superfund Site, Portland, Oregon. (2005)

Mapped Data Sources




Data Layer	GIS Data Source and Year of Recent Update
100-Year Flood Plain	Federal Emergency Management Association (FEMA), 2018
1996 Flood Inundation Area	U.S. Army Corps of Engineers, 1996
Aerial Photography	Spencer B. Gross, Inc., 2017
Assessor Data	Multnomah County Assessment and Taxation, 2018
Base Zones	City of Portland, OR, Bureau of Planning and Sustainability, Official Zoning Maps, 2018
Bathymetry	City of Portland, Bureau of Environmental Services, 2001; City of Portland Bureau of Technology Services 2017
Boat Docks	City of Portland, Bureau of Planning and Sustainability, 2018
Existing Land Use	Multnomah County Assessment and Taxation data updated by City of Portland, Bureau of Planning and Sustainability, 2018
Freeways	Portland Bureau of Transportation data, 2013
Historic Landmarks	City of Portland, Bureau of Planning and Sustainability, 2018
Historic Resource Inventory	City of Portland, Bureau of Planning and Sustainability, 1984
Land Ownership	Multnomah County Assessment and Taxation (some information updated by City of Portland, Bureau of Planning and Sustainability, 2018)
Natural Resources Inventory Combined Ranks	City of Portland, Bureau of Planning and Sustainability, 2018
Overlay zones	City of Portland, OR, Bureau of Planning and Sustainability, Official Zoning Maps, 2018
Parks and Open Spaces	Metro Data Resource Center RLIS data updated by City of Portland, Bureau of Planning and Sustainability, 2018
Plan Districts	City of Portland, OR, Bureau of Planning and Sustainability, Official Zoning Maps, 2018
Public Boat Launches	City of Portland, Bureau of Planning and Sustainability, 2018
Railroads	Metro Data Resource Center RLIS data, 2018
Rivers and Lakes	Metro Data Resource Center RLIS data, 2018
Scenic Views	City of Portland, Bureau of Planning and Sustainability, 2018
Scenic Drives	City of Portland, Bureau of Planning and Sustainability, 2018
Streets	Portland Bureau of Transportation data, 2018
Streams and Drainageways	City of Portland, Bureau of Planning and Sustainability, 2018
Trails	City of Portland, Bureau of Planning and Sustainability, 2018
Taxlots	Multnomah County Assessment and Taxation, 2018
Vegetation	City of Portland, Bureau of Planning and Sustainability, 2018
Wetlands	City of Portland, Bureau of Planning and Sustainability, 2018
Willamette Greenway Trails	City of Portland, Portland Parks and Recreation and Bureau of Planning and Sustainability, 2018
Willamette Greenway View Corridors	City of Portland, Bureau of Planning and Sustainability, 1988 & 2018
Willamette Greenway Viewpoints	City of Portland, Bureau of Planning and Sustainability, 1988 & 2018

Map 1: Aerial Photo



data sources:
 City of Portland, Bureau of Planning
 & Sustainability, Aerial Photos, 2017

February, 2019
 City of Portland, Oregon
 Bureau of Planning & Sustainability
 Geographic Information System

-  Willamette River Greenway Boundary
-  City Boundary
-  Urban Service Area Boundary



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Map 1: Aerial Photo

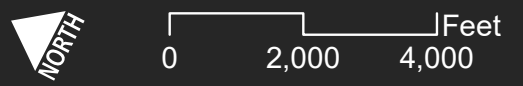


data sources:
 City of Portland, Bureau of Planning
 & Sustainability, Aerial Photos, 2017

February, 2019

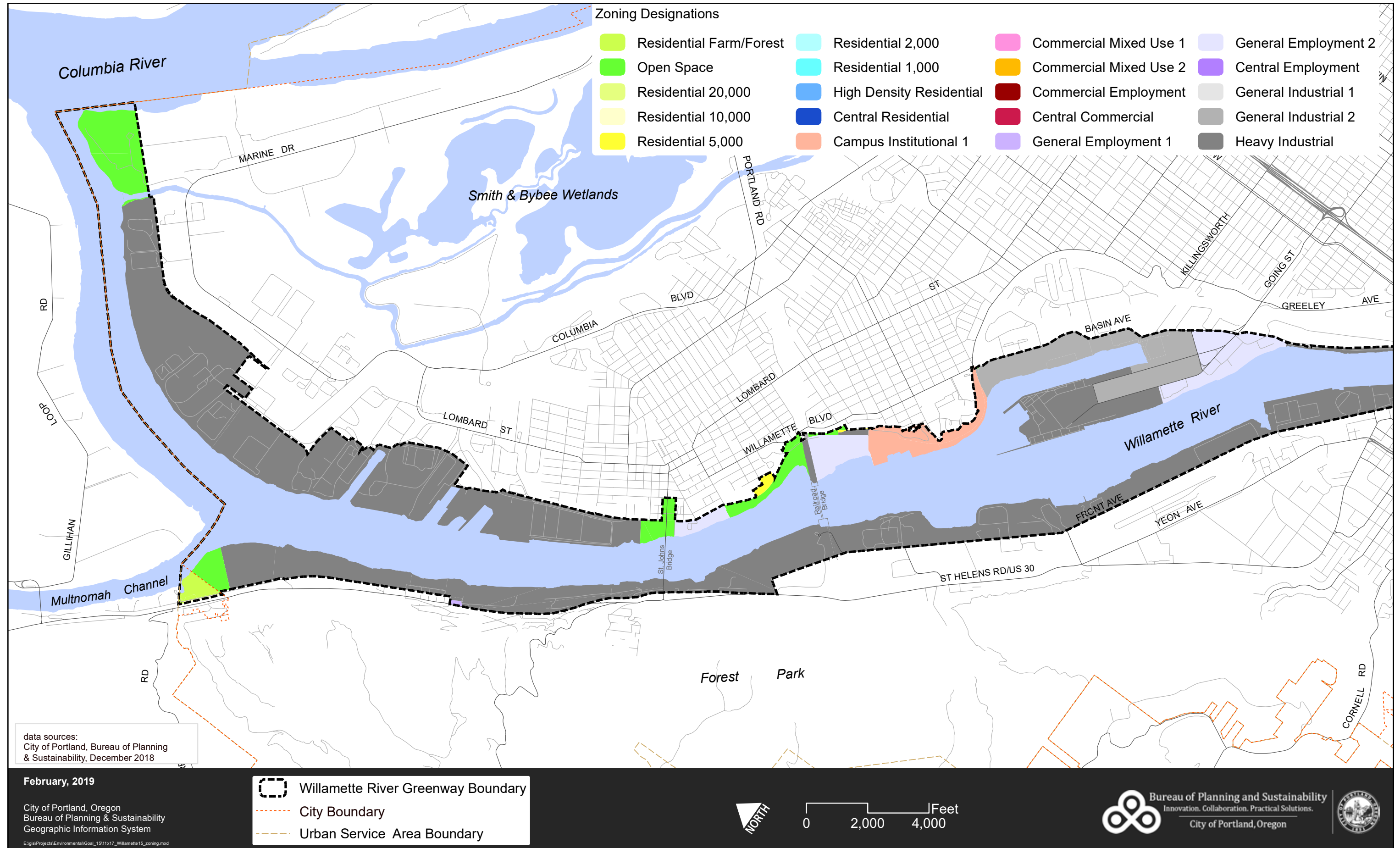
City of Portland, Oregon
 Bureau of Planning & Sustainability
 Geographic Information System

- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary

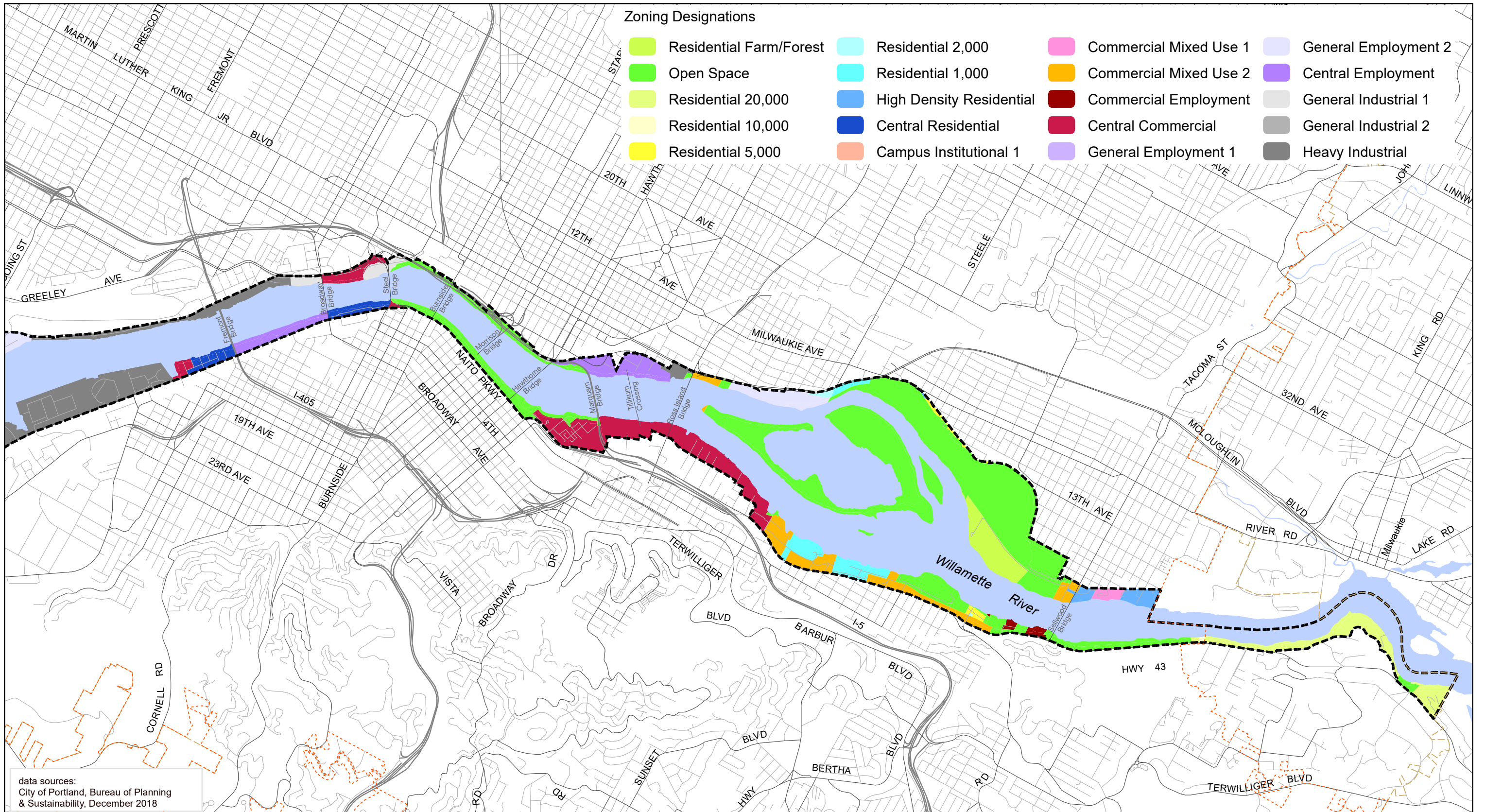


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Map 2: Base Zones



Map 2: Base Zones

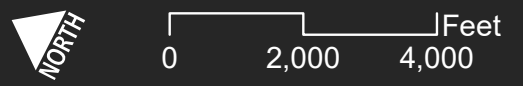


data sources:
City of Portland, Bureau of Planning & Sustainability, December 2018

February, 2019

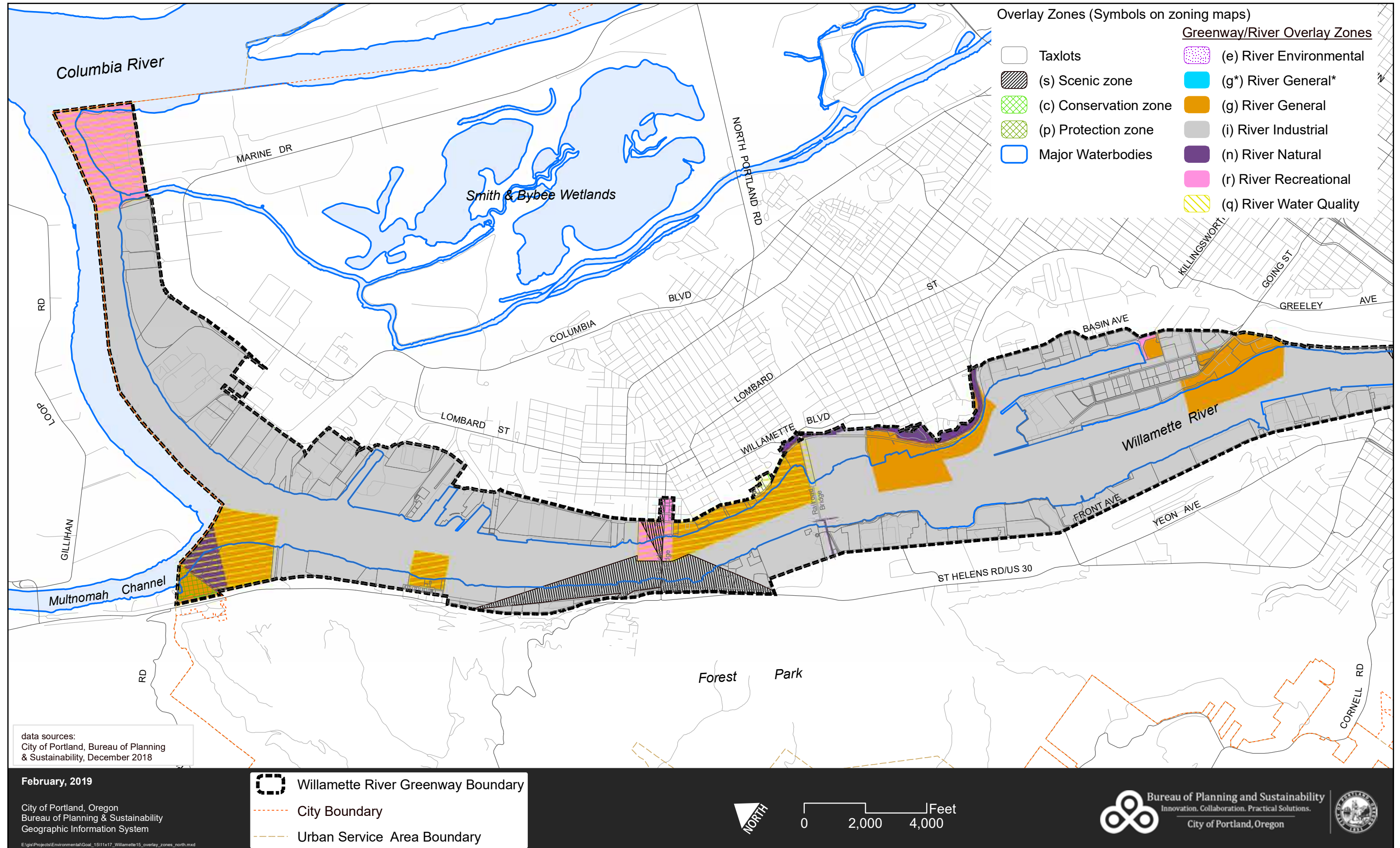
City of Portland, Oregon
Bureau of Planning & Sustainability
Geographic Information System

Willamette River Greenway Boundary
 City Boundary
 Urban Service Area Boundary

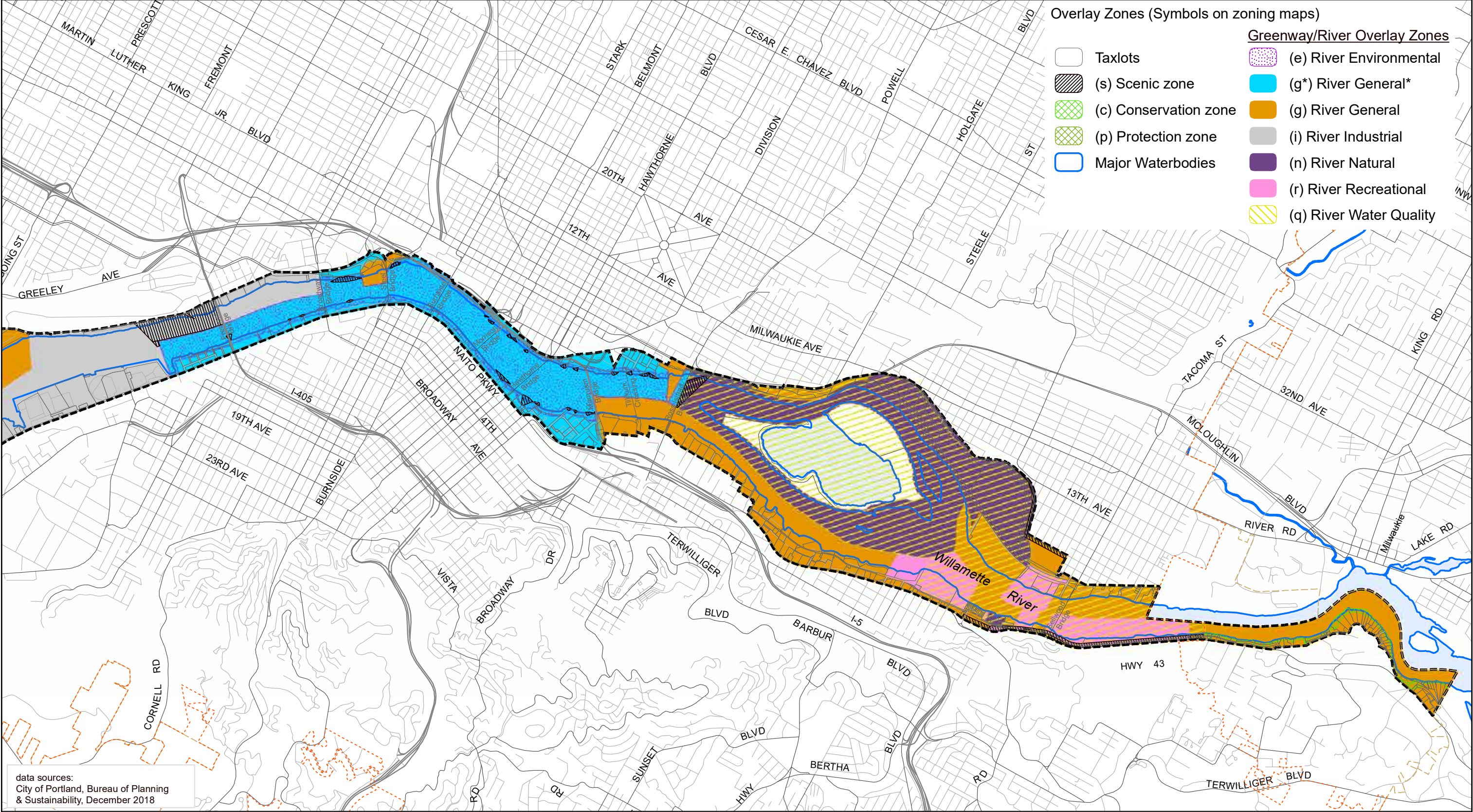


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Map 3: Overlay Zones



Map 3: Overlay Zones



Overlay Zones (Symbols on zoning maps)

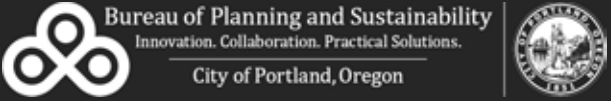
- | | | | |
|--|-----------------------|--|-------------------------|
| | Taxlots | | (e) River Environmental |
| | (s) Scenic zone | | (g*) River General* |
| | (c) Conservation zone | | (g) River General |
| | (p) Protection zone | | (i) River Industrial |
| | Major Waterbodies | | (n) River Natural |
| | | | (r) River Recreational |
| | | | (q) River Water Quality |

data sources:
City of Portland, Bureau of Planning & Sustainability, December 2018

February, 2019

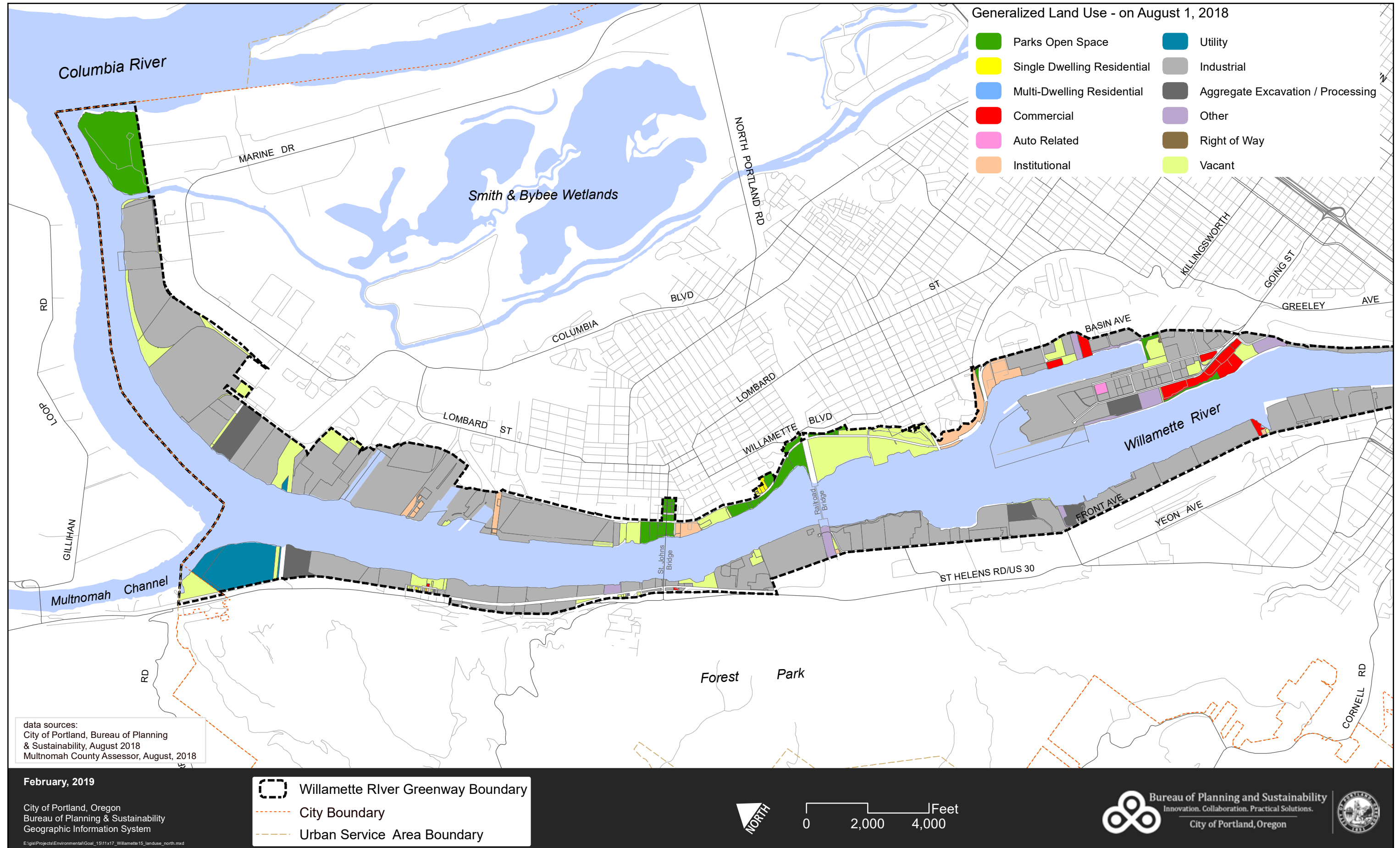
City of Portland, Oregon
Bureau of Planning & Sustainability
Geographic Information System

- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary

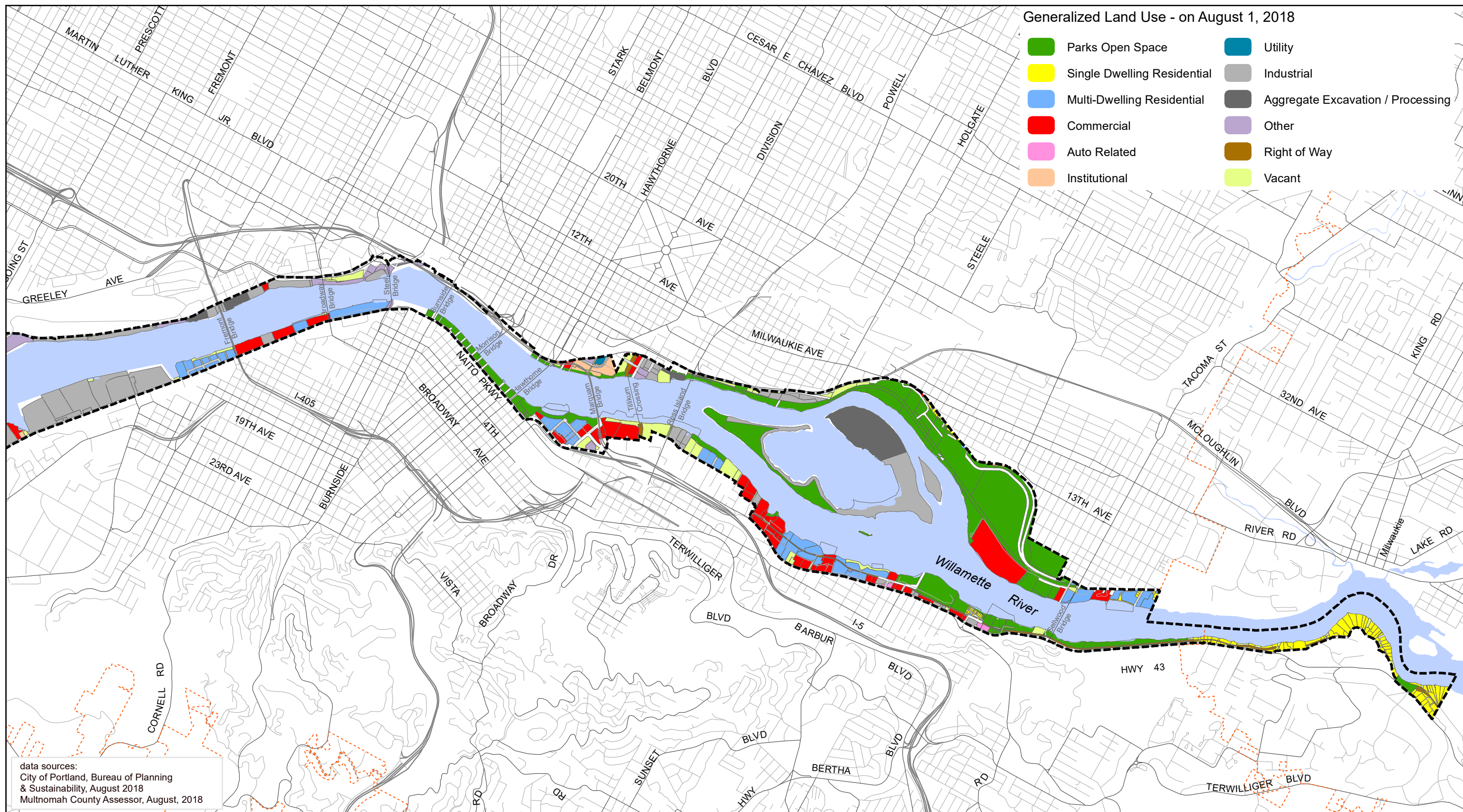


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Map 4: Land Use



Map 4: Land Use

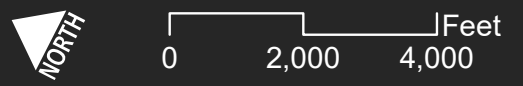


data sources:
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 Multnomah County Assessor, August, 2018

February, 2019

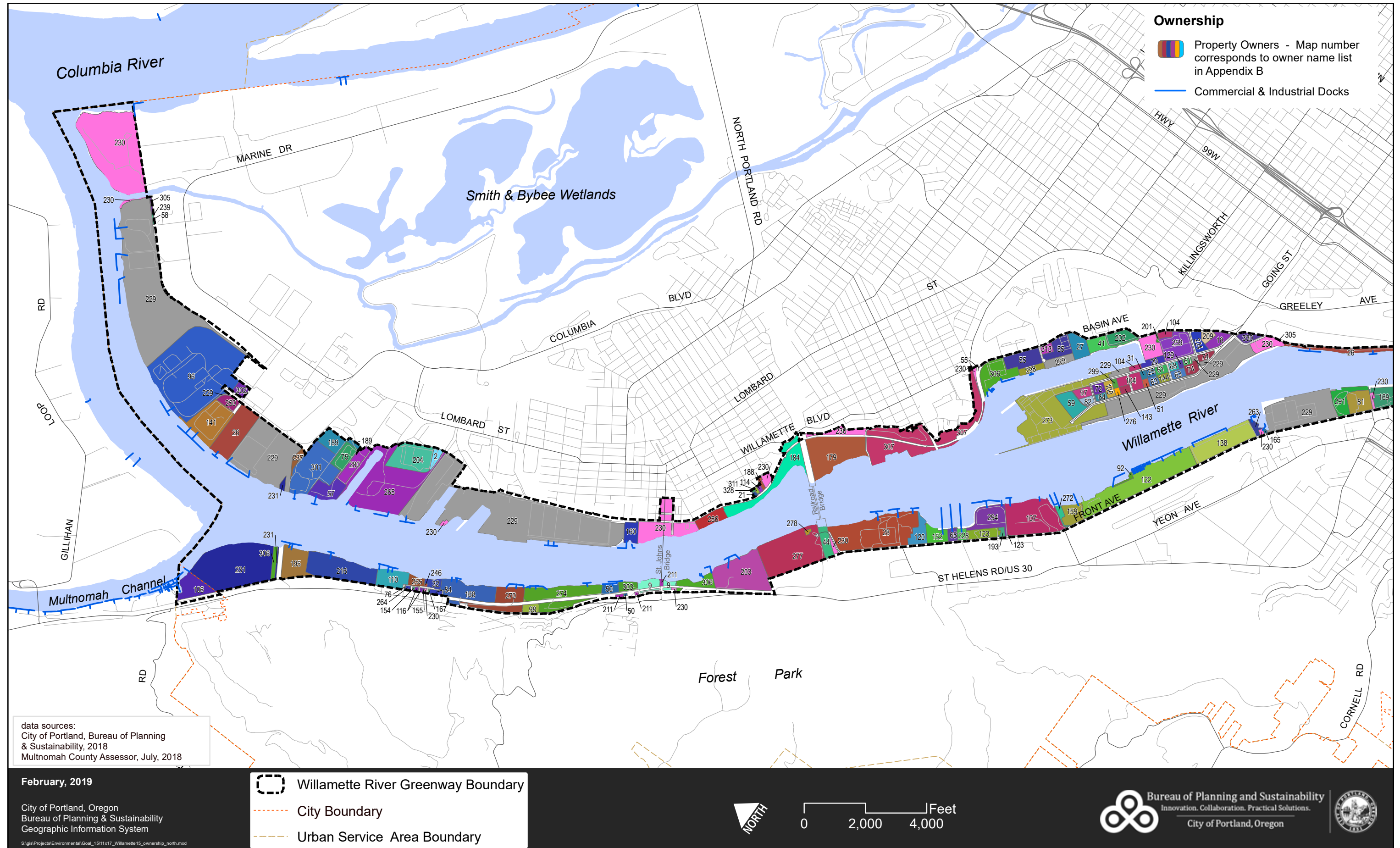
City of Portland, Oregon
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 Geographic Information System

- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary



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Map 5: Ownership



data sources:
 City of Portland, Bureau of Planning
 & Sustainability, 2018
 Multnomah County Assessor, July, 2018

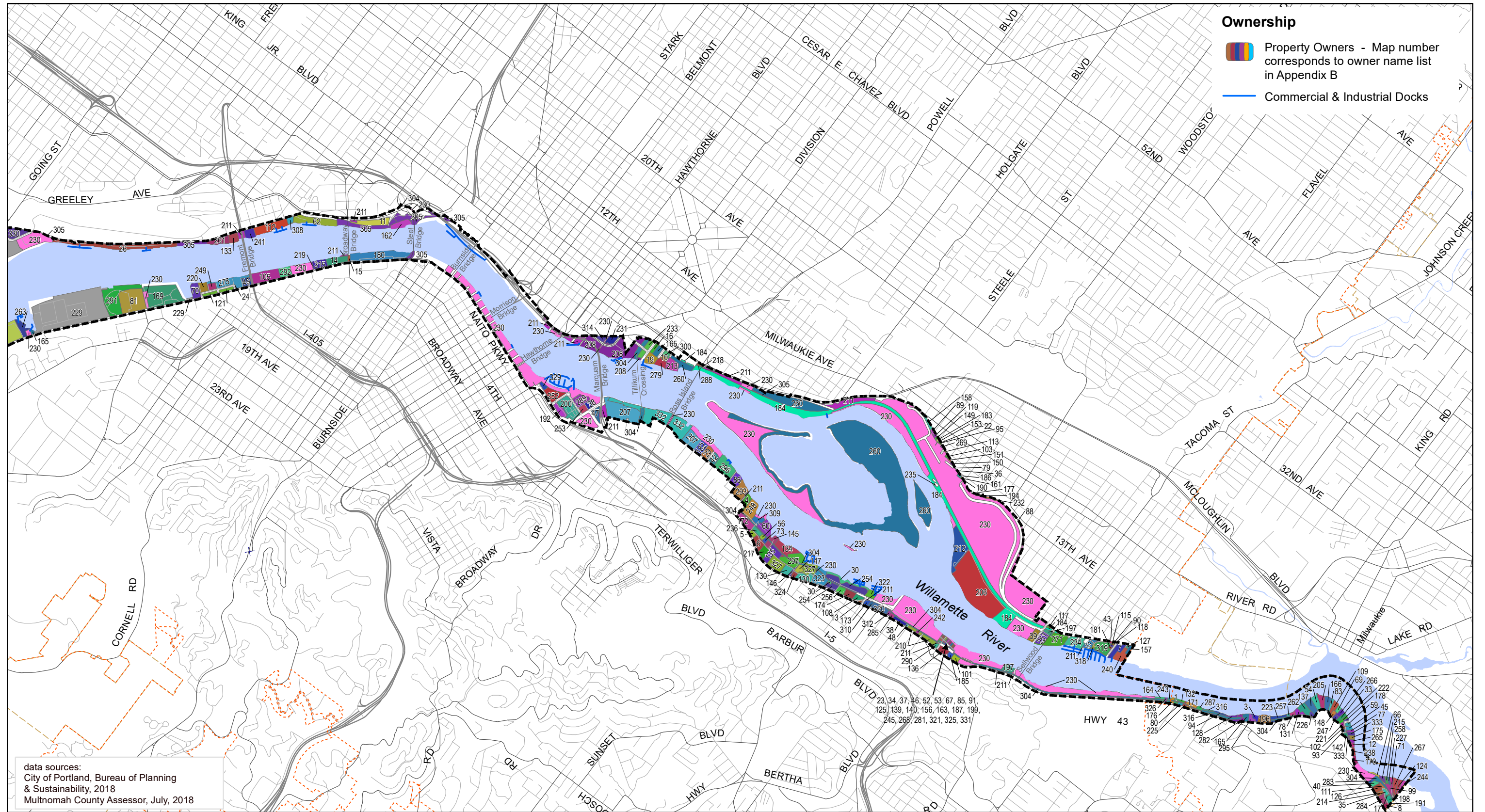
February, 2019
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- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary

NORTH
 0 2,000 4,000 Feet

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Map 5: Ownership



Ownership

- Property Owners - Map number corresponds to owner name list in Appendix B
- Commercial & Industrial Docks

data sources:
City of Portland, Bureau of Planning & Sustainability, 2018
Multnomah County Assessor, July, 2018

February, 2019

City of Portland, Oregon
Bureau of Planning & Sustainability
Geographic Information System

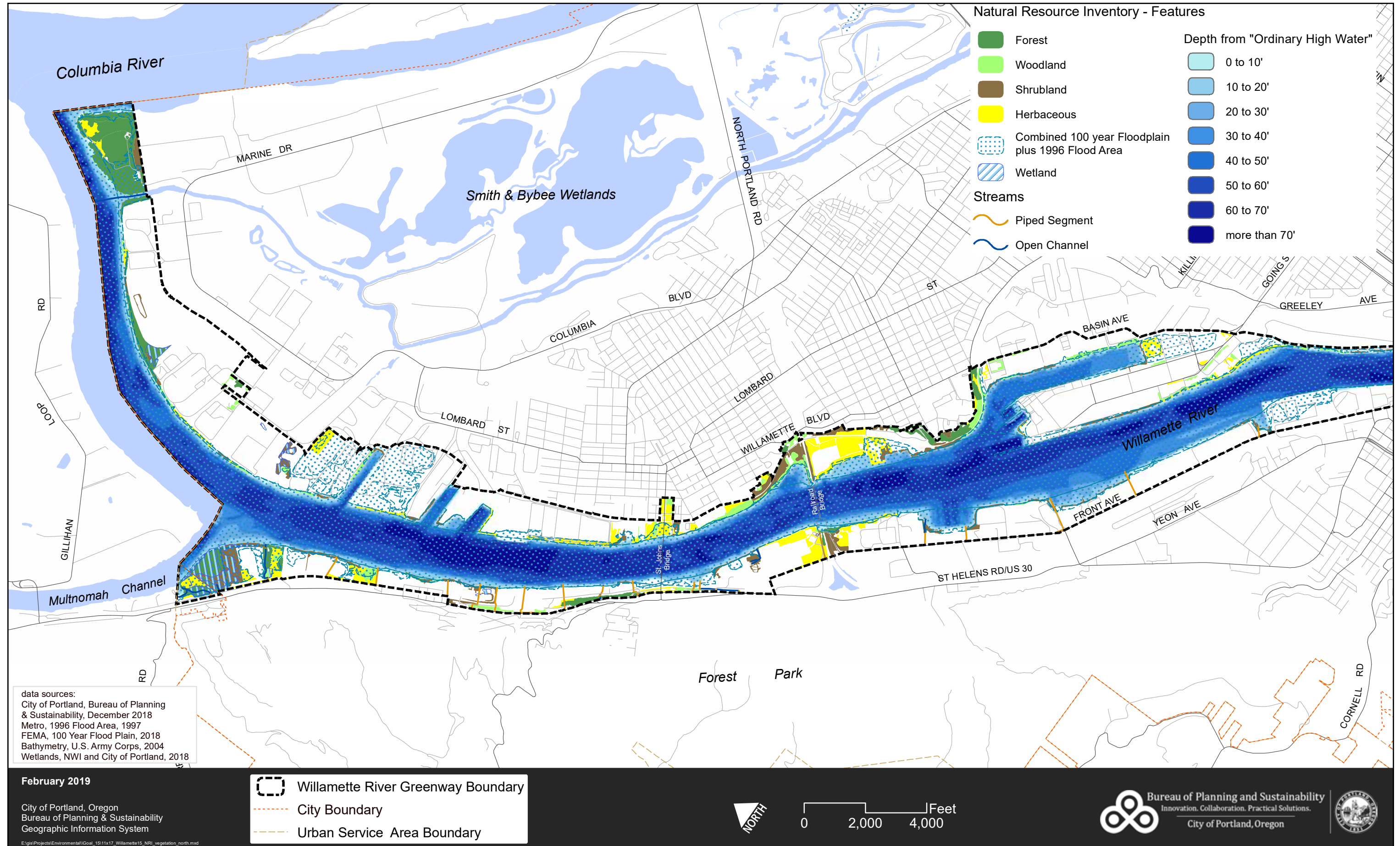
Willamette River Greenway Boundary
City Boundary
Urban Service Area Boundary

0 2,000 4,000 Feet

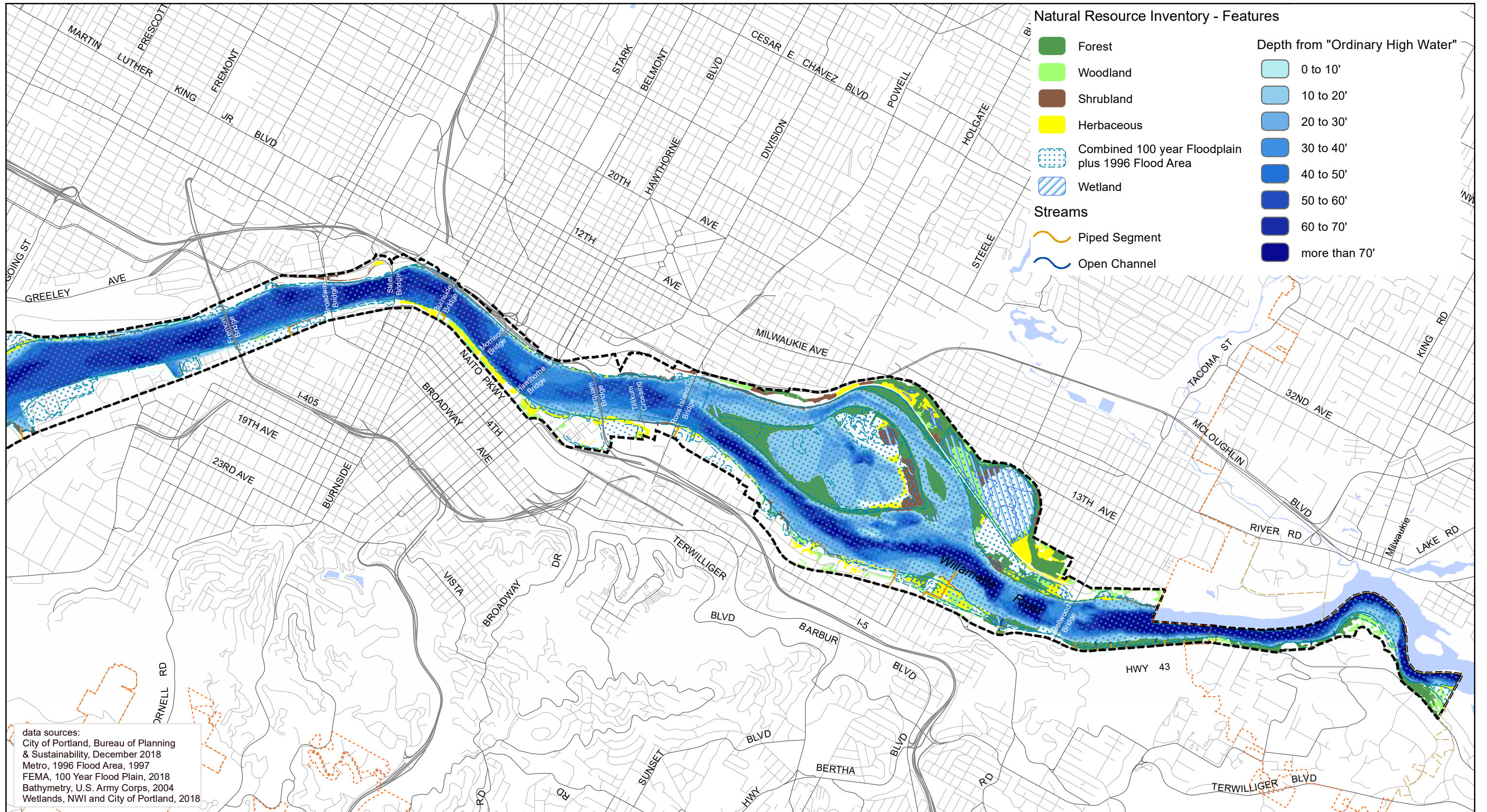
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Map 6: Natural Resource Inventory Features



Map 6: Natural Resource Inventory Features



data sources:
 City of Portland, Bureau of Planning & Sustainability, December 2018
 Metro, 1996 Flood Area, 1997
 FEMA, 100 Year Flood Plain, 2018
 Bathymetry, U.S. Army Corps, 2004
 Wetlands, NWI and City of Portland, 2018

February, 2019

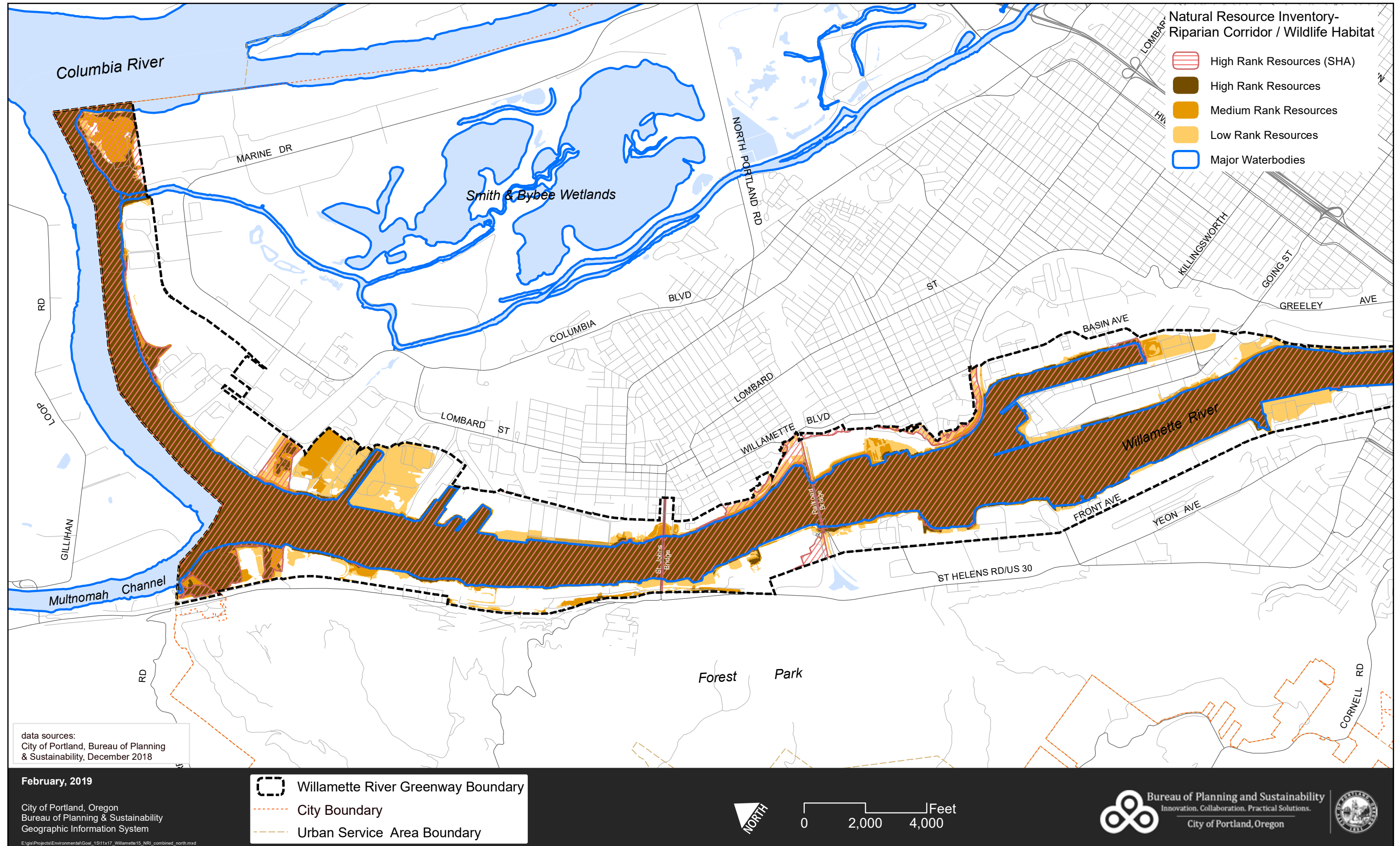
City of Portland, Oregon
 Bureau of Planning & Sustainability
 Geographic Information System

Willamette River Greenway Boundary
 City Boundary
 Urban Service Area Boundary

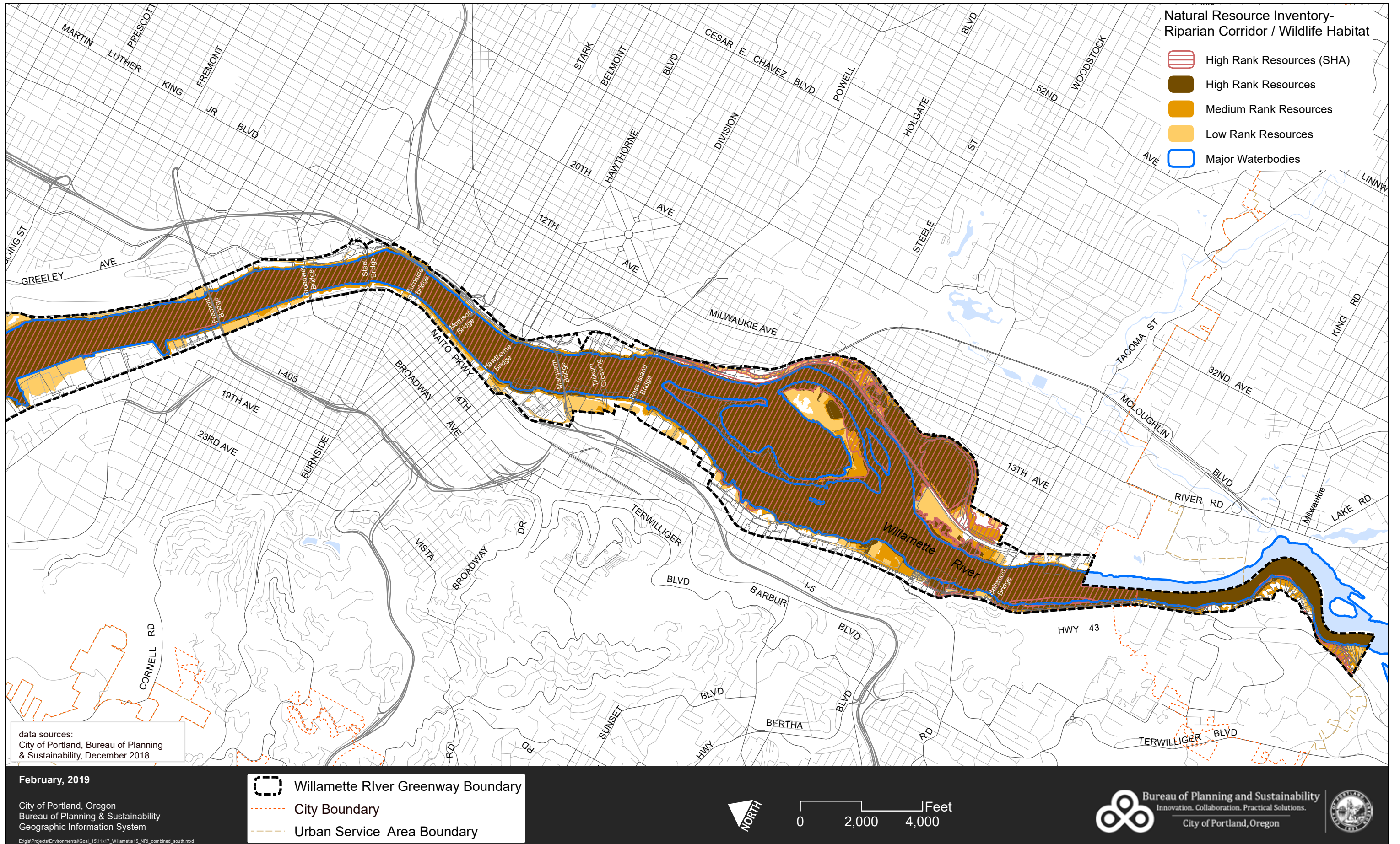


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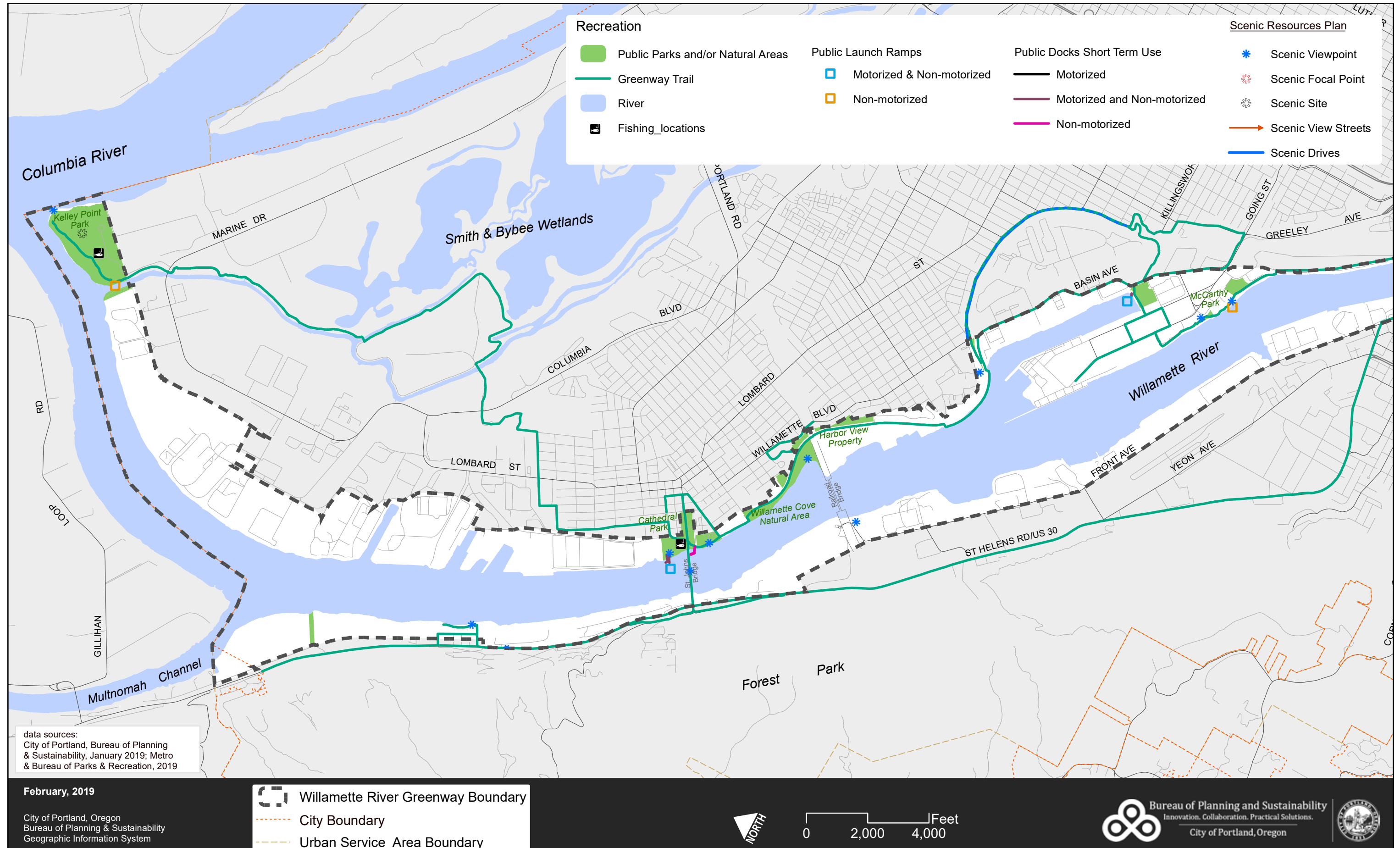
Map 7: Natural Resource Inventory Combined Rank



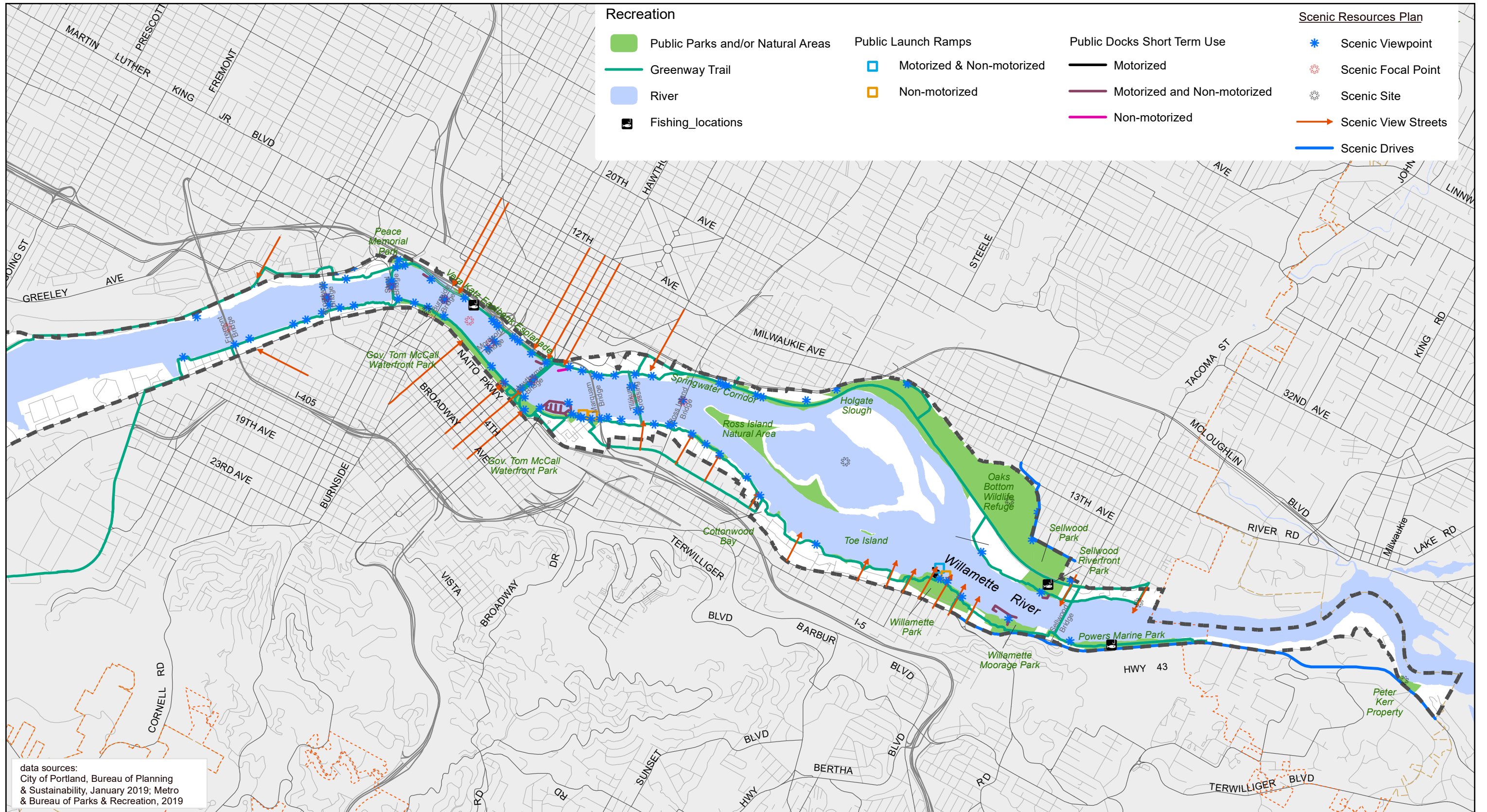
Map 7: Natural Resource Inventory Combined Rank



Map 8: Recreation



Map 8: Recreation



data sources:
 City of Portland, Bureau of Planning & Sustainability, January 2019; Metro & Bureau of Parks & Recreation, 2019

February, 2019

City of Portland, Oregon
 Bureau of Planning & Sustainability
 Geographic Information System

Willamette River Greenway Boundary
 City Boundary
 Urban Service Area Boundary

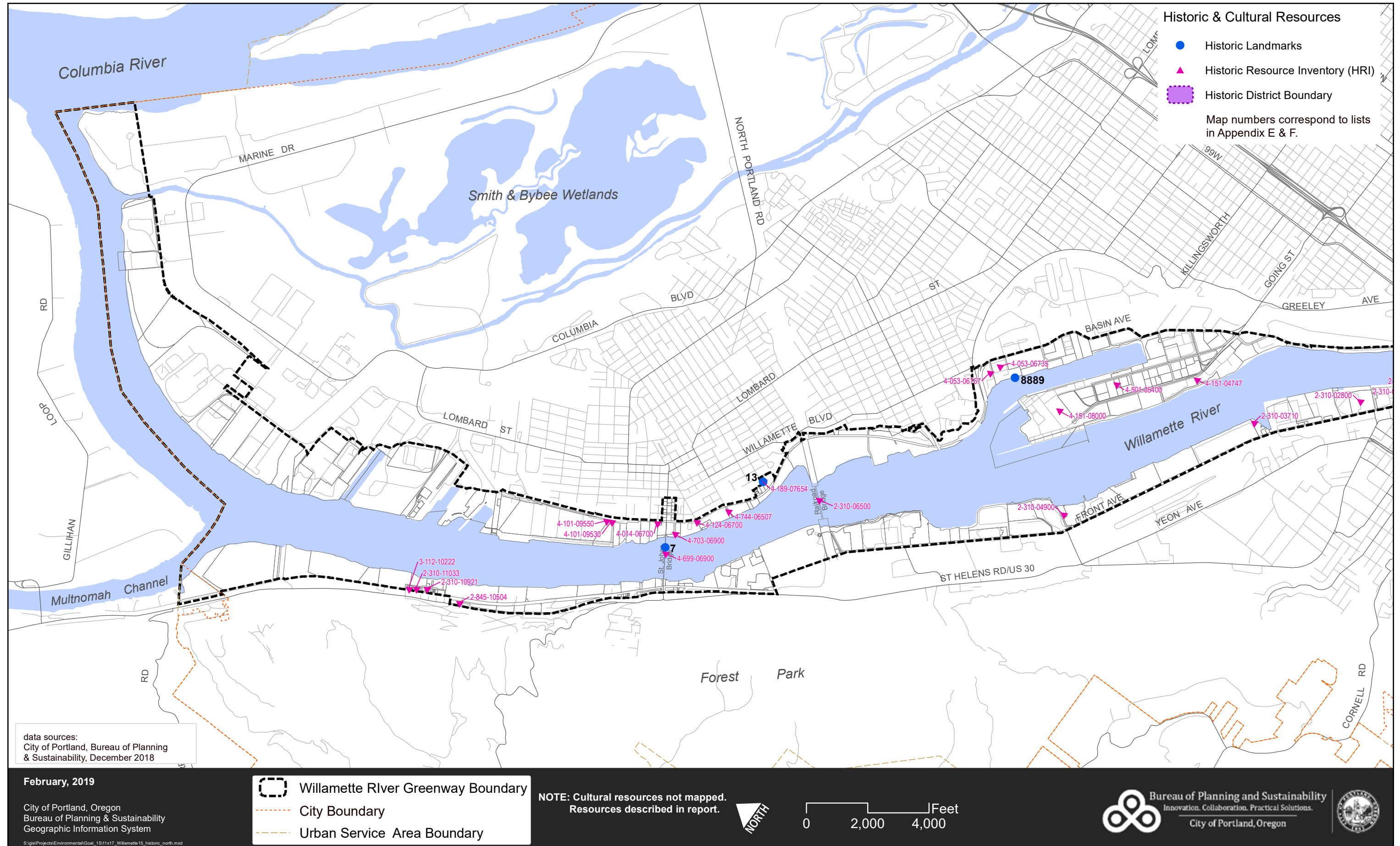


0 2,000 4,000 Feet

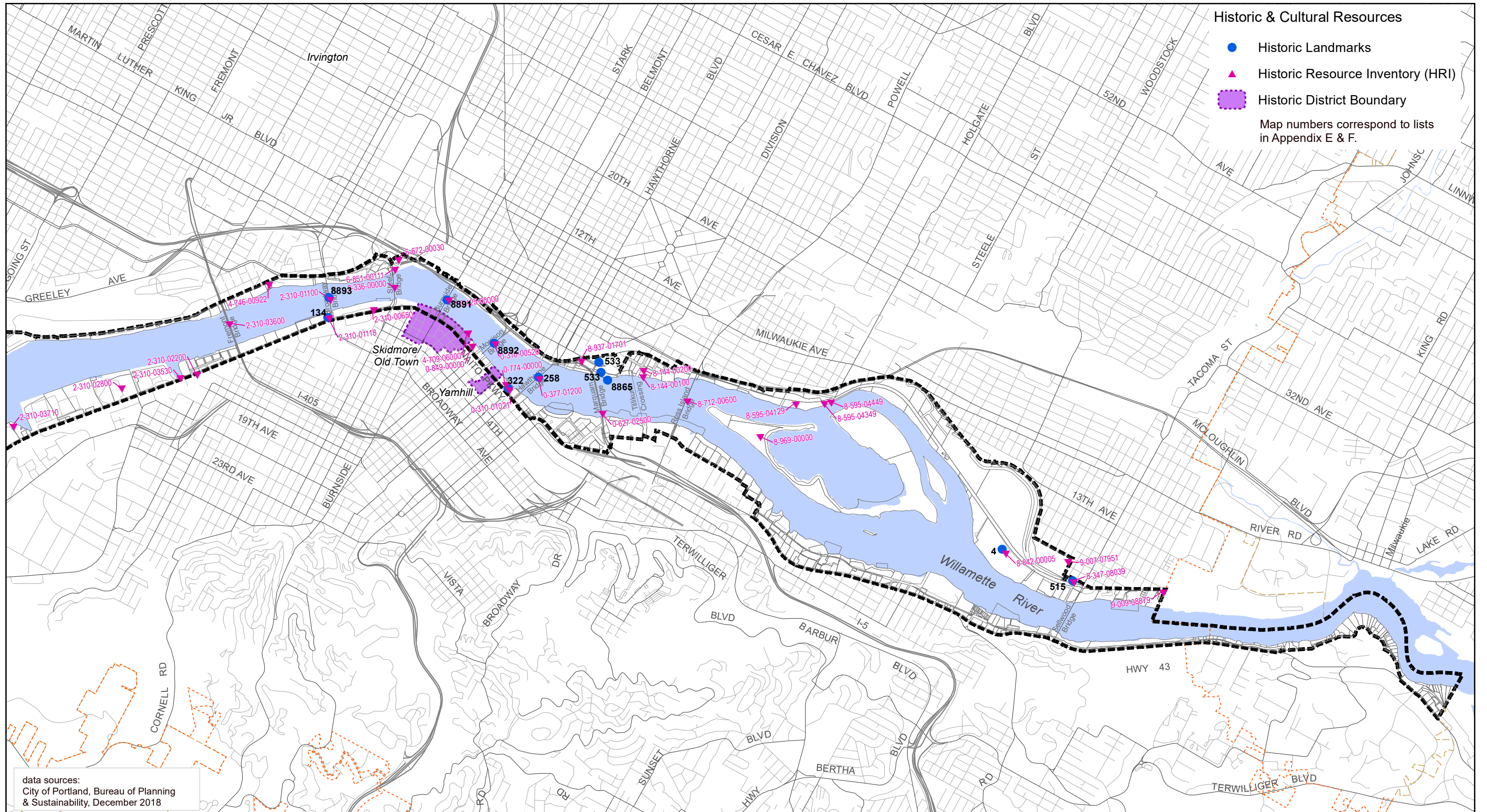
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Map 9: Historic and Cultural Resources



Map 9: Historic and Cultural Resources



- Historic & Cultural Resources**
- Historic Landmarks
 - ▲ Historic Resource Inventory (HRI)
 - ⬢ Historic District Boundary
- Map numbers correspond to lists in Appendix E & F.

data sources:
City of Portland, Bureau of Planning & Sustainability, December 2018

February, 2019

City of Portland, Oregon
Bureau of Planning & Sustainability
Geographic Information System

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- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary

NOTE: Cultural resources not mapped.
Resources described in report.



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Appendix A: Uses Permitted by City of Portland Base Zones (Map 2)

A1: Employment and Industrial Zones Primary Uses						
Use Categories	EG1	EG2	EX	IG1	IG2	IH
Residential Categories						
Household Living	N	N	Y	CU [1]	CU [1]	CU [1]
Group Living	N	N	L/CU [2]	N	N	N
Commercial Categories						
Retail Sales And Service	L/CU [3]	L/CU [3]	Y	L/CU [4]	L/CU [5]	L/CU [6]
Office	Y	Y	Y	L/CU [4]	L/CU [5]	L/CU [6]
Quick Vehicle Servicing	Y	Y	N	Y	Y	Y
Vehicle Repair	Y	Y	Y	Y	Y	Y
Commercial Parking	CU [15]	CU [15]	CU [15]	CU [15]	CU [15]	CU [15]
Self-Service Storage	Y	Y	L [7]	Y	Y	Y
Commercial Outdoor Recreation	Y	Y	Y	CU	CU	CU
Major Event Entertainment	CU	CU	CU	CU	CU	CU
Industrial Categories						
Manufacturing And Production	Y	Y	Y	Y	Y	Y
Warehouse And Freight Movement	Y	Y	Y	Y	Y	Y
Wholesale Sales	Y	Y	Y	Y	Y	Y
Industrial Service	Y	Y	Y	Y	Y	Y
Bulk Fossil Fuel Terminal	L [17]	L [17]	N	L [17]	L [17]	L [17]
Railroad Yards	N	N	N	Y	Y	Y
Waste-Related	N	N	N	L/CU [8]	L/CU [8]	L/CU [8]
Institutional Categories						
Basic Utilities	Y/CU [12]	Y/CU [12]	Y/CU [12]	Y/CU [13]	Y/CU [13]	Y/CU [13]
Community Service	L [9]	L [9]	L [10]	L/CU [11]	L/CU [11]	L/CU [11]
Parks And Open Areas	Y	Y	Y	Y	Y	Y
Schools	Y	Y	Y	N	N	N
Colleges	Y	Y	Y	N	N	N
Medical Centers	Y	Y	Y	N	N	N
Religious Institutions	Y	Y	Y	N	N	N
Daycare	Y	Y	Y	L/CU [11]	L/CU [11]	L/CU [11]
Other Categories						
Agriculture	L [16]	L [16]	L [16]	L [16]	L [16]	L [16]
Aviation And Surface Passenger Terminals	CU	CU	CU	CU	CU	CU
Detention Facilities	CU	CU	CU	CU	CU	CU
Mining	N	N	N	CU	CU	CU
Radio Frequency Transmission Facilities	L/CU [14]	L/CU [14]	L/CU [14]	L/CU [14]	L/CU [14]	L/CU [14]
Rail Lines And Utility Corridors	Y	Y	Y	Y	Y	Y

A2: Commercial/Mixed-Use Zones Primary Uses						
Use Categories	CR	CM1	CM2	CM3	CE	CX
Residential Categories						
Household Living	Y	Y	Y	Y	Y	Y
Group Living	L/CU [1]	L/CU [1]	L/CU [1]	L/CU [1]	L/CU [1]	L/CU [1]
Commercial Categories						
Retail Sales And Service	L [2]	L [2]	Y	Y	Y	Y
Office	L [2]	L [2]	Y	Y	Y	Y
Quick Vehicle Servicing	N	L [12]	L [2]	L [2]	Y	N
Vehicle Repair	N	N	Y	Y	Y	L [5]
Commercial Parking	N	N	L [9]	L [9]	Y	CU [9]
Self-Service Storage	N	N	N	L [4]	L [4]	L [4]
Commercial Outdoor Recreation	N	N	Y	Y	Y	Y
Major Event Entertainment	N	N	CU	CU	CU	Y
Industrial Categories						
Manufacturing And Production	N	L/CU [3,5]	L/CU [3,5]	L/CU [3,5]	L/CU [3,5]	L/CU [3,5]
Warehouse And Freight Movement	N	N	N	L [3,5]	L [3,5]	N
Wholesale Sales	N	N	L [3,5]	L [3,5]	L [3,5]	L [3,5]
Industrial Service	N	N	CU [3,5]	CU [3,5]	CU [3,5]	CU [3,5]
Bulk Fossil Fuel Terminal	N	N	N	N	N	N
Railroad Yards	N	N	N	N	N	N
Waste-Related	N	N	N	N	N	N
Institutional Categories						
Basic Utilities	Y/CU [8]	Y/CU [8]	Y/CU [8]	Y/CU [8]	Y/CU [8]	Y/CU [8]
Community Service	L/CU [6]	L/CU [6]	L/CU [6]	L/CU [6]	L/CU [6]	L/CU [8]
Parks And Open Areas	Y	Y	Y	Y	Y	Y
Schools	Y	Y	Y	Y	Y	Y
Colleges	Y	Y	Y	Y	Y	Y
Medical Centers	Y	Y	Y	Y	Y	Y
Religious Institutions	Y	Y	Y	Y	Y	Y
Daycare	Y	Y	Y	Y	Y	Y
Other Categories						
Agriculture	L [10]	L [10]	L/CU [11]	L/CU [12]	L/CU [12]	L/CU [11]
Aviation And Surface Passenger Terminals	N	N	N	N	CU	CU
Detention Facilities	N	N	N	CU	CU	CU
Mining	N	N	N	N	N	N
Radio Frequency Transmission Facilities	N	L/CU [7]	L/CU [7]	L/CU [7]	L/CU [7]	L/CU [7]
Rail Lines And Utility Corridors	N	CU	CU	CU	CU	CU

A3: Multi-Dwelling Zones Primary Uses						
Use Categories	R3	R2	R1	RH	RX	RMP
Residential Categories						
Household Living	Y	Y	Y	Y	Y	Y
Group Living	L/CU [1]	L/CU [1]	L/CU [1]	L/CU [1]	L/CU [1]	N
Commercial Categories						
Retail Sales And Service	L [12]	L [12]	L [12]	CU [2]	L/CU [3]	L [13]
Office	N	N	N	CU [2]	L/CU [3]	N
Quick Vehicle Servicing	N	N	N	N	N	N
Vehicle Repair	N	N	N	N	N	N
Commercial Parking	N	N	N	N	CU [4]	N
Self-Service Storage	N	N	N	N	N	N
Commercial Outdoor Recreation	CU	N	N	N	N	N
Major Event Entertainment	N	N	N	N	N	N
Industrial Categories						
Manufacturing And Production	N	N	N	N	N	N
Warehouse And Freight Movement	N	N	N	N	N	N
Wholesale Sales	N	N	N	N	N	N
Industrial Service	N	N	N	N	N	N
Bulk Fossil Fuel Terminal	N	N	N	N	N	N
Railroad Yards	N	N	N	N	N	N
Waste-Related	N	N	N	N	N	N
Institutional Categories						
Basic Utilities	L/CU [10]	L/CU [10]	L/CU [10]	L/CU [10]	L/CU [10]	L/CU [10]
Community Service	L/CU [6]	L/CU [6]	L/CU [6]	L/CU [6]	L/CU [5]	L/CU [6]
Parks And Open Areas	L/CU [7]	L/CU [7]	L/CU [7]	Y	Y	L/CU [7]
Schools	CU	CU	CU	CU	L/CU [5]	CU
Colleges	N	CU	CU	CU	CU	CU
Medical Centers	N	CU	CU	CU	CU	CU
Religious Institutions	N	CU	CU	CU	CU	CU
Daycare	L/CU [8]	L/CU [8]	L/CU [8]	L/CU [8]	Y	L/CU [8]
Other Categories						
Agriculture	L [11]	L [11]	L [11]	L [11]	L [11]	L [11]
Aviation And Surface Passenger Terminals	N	N	N	N	N	N
Detention Facilities	N	N	N	N	N	N
Mining	N	N	N	N	N	N
Radio Frequency Transmission Facilities	L/CU [9]	L/CU [9]	L/CU [9]	L/CU [9]	L/CU [9]	L/CU [9]
Rail Lines And Utility Corridors	CU	CU	CU	CU	CU	CU

A4: Open Space and Single-Dwelling Zones Primary Uses							
Use Categories	OS	RF	R20	R10	R7	R5	R2.5
Residential Categories							
Household Living	N	Y	Y	Y	Y	Y	Y
Group Living	N	CU	CU	CU	CU	CU	CU
Commercial Categories							
Retail Sales And Service	CU [1]	CU [10]	CU [10]	CU [10]	CU [10]	CU [10]	CU [10]
Office	N	N	N	N	N	N	N
Quick Vehicle Servicing	N	N	N	N	N	N	N
Vehicle Repair	N	N	N	N	N	N	N
Commercial Parking	N	N	N	N	N	N	N
Self-Service Storage	N	N	N	N	N	N	N
Commercial Outdoor Recreation	CU	N	N	N	N	N	N
Major Event Entertainment	N	N	N	N	N	N	N
Industrial Categories							
Manufacturing And Production	CU [6]	CU [6]	N	N	N	N	N
Warehouse And Freight Movement	N	N	N	N	N	N	N
Wholesale Sales	N	N	N	N	N	N	N
Industrial Service	N	N	N	N	N	N	N
Bulk Fossil Fuel Terminal	N	N	N	N	N	N	N
Railroad Yards	N	N	N	N	N	N	N
Waste-Related	N	N	N	N	N	N	N
Institutional Categories							
Basic Utilities	L/CU [5]	L/CU [5]	L/CU [5]	L/CU [5]	L/CU [5]	L/CU [5]	L/CU [5]
Community Service	CU [4]	CU [1]	CU [1]	CU [1]	CU [1]	CU [1]	CU [1]
Parks And Open Areas	L/CU [2]	L/CU [2]	L/CU [2]	L/CU [2]	L/CU [2]	L/CU [2]	L/CU [2]
Schools	CU	CU	CU	CU	CU	CU	CU
Colleges	N	CU	CU	CU	CU	CU	CU
Medical Centers	N	CU	CU	CU	CU	CU	CU
Religious Institutions	N	CU	CU	CU	CU	CU	CU
Daycare	CU	L/CU [3]	L/CU [3]	L/CU [3]	L/CU [3]	L/CU [3]	L/CU [3]
Other Categories							
Agriculture	L [7]	L [7]	L [7]	L/CU [8]	L/CU [8]	L [9]	L [9]
Aviation And Surface Passenger Terminals	N	CU	N	N	N	N	N
Detention Facilities	N	N	N	N	N	N	N
Mining	CU	CU	N	N	N	N	N
Radio Frequency Transmission Facilities	L/CU [3]	L/CU [4]	L/CU [4]	L/CU [4]	L/CU [4]	L/CU [4]	L/CU [4]
Rail Lines And Utility Corridors	CU	CU	CU	CU	CU	CU	CU

A5: Campus Institutional Zones Primary Uses			
Use Categories	CI1	CI2	IR
Residential Categories			
Household Living	N	Y	Y
Group Living	N	Y	Y [9]
Commercial Categories			
Retail Sales And Service	CU [1]	Y	L/CU [10]
Office	N	Y	L/CU [10]
Quick Vehicle Servicing	N	N	N
Vehicle Repair	N	N	N
Commercial Parking	N	Y	N
Self-Service Storage	N	N	N
Commercial Outdoor Recreation	N	N	N
Major Event Entertainment	CU	CU	CU
Industrial Categories			
Manufacturing And Production	L [2]	L/CU [2]	N
Warehouse And Freight Movement	N	N	CU
Wholesale Sales	N	N	N
Industrial Service	L [2]	L/CU [2]	N
Bulk Fossil Fuel Terminal	N	N	N
Railroad Yards	N	N	CU
Waste-Related	N	N	N
Institutional Categories			
Basic Utilities	L/CU [3]	L/CU [3]	L/CU [3]
Community Service	CU [4]	Y	CU [4]
Parks And Open Areas	L/CU [5]	L/CU [5]	L/CU [5]
Schools	N	N	L/CU [5]
Colleges	Y/CU [6]	Y/CU [6]	L/CU [11]
Medical Centers	Y	Y	L/CU [11]
Religious Institutions	CU	CU	CU
Daycare	Y	Y	L/CU [12]
Other Categories			
Agriculture	L [7]	L [7]	L [7]
Aviation And Surface Passenger Terminals	N	N	N
Detention Facilities	N	N	N
Mining	N	N	N
Radio Frequency Transmission Facilities	L/CU [8]	L/CU [8]	L/CU [8]
Rail Lines And Utility Corridors	CU	CU	CU

Appendix B: Property Ownership (Map 5)

Map Id	Owner	Sq. Ft.	Acres
1	10150 SW RIVERSIDE DRIVE LLC	16,885	0.388
2	12005 BURGARD EQUITIES LLC	145,710	3.345
3	3000 INVESTMENT CORP	30,493	0.700
4	4330 BUILDING LLC	71,846	1.649
5	4700 SW MACADAM AVE LLC	34,415	0.790
6	4800 BLDG PARTNERS L L C	95,506	2.193
7	600 SE LINN ST APARTMENTS LLC	101,733	2.335
8	ABELSON,FREDERICK S TR	21,553	0.495
9	ADVANCED AMERICAN CONSTRUCTION PROPERTIES LLC	312,370	7.171
10	ADVENTURE HOLDING LLC	33,350	0.766
11	AEGEAN CORP	179,028	4.110
12	AIKEN,DOUGLAS W TR & PATRICIA	15,503	0.356
13	AKROUSH MACADAM LLC	5,040	0.116
14	ALBERS MILL BUILDING LLC	134,434	3.086
15	ALBERS MILL HOLDING LLC	13,712	0.315
16	ALEXANDRA PROPERTIES LLC	33,136	0.761
17	ALIZADEH-RABIZADEH,SETAREH	5,160	0.118
18	ALTA HOME PROPERTIES LLC	249,537	5.729
19	AMERICAN WATERWAYS INC	104,706	2.404
20	ANCHOR PARK LLC	171,646	3.940
21	ANDERSON,KATHLEEN M	23,795	0.546
22	ANKENY,JOHN K &	633	0.015
23	ANTHONY,WILLIAM &	3,768	0.087
24	APOLLO DEVELOPMENT INC	324	0.007
25	ARBOR INVESTMENTS LLC	81,477	1.870
26	ASH GROVE CEMENT CO	1,733,519	39.796
27	ATC LEASING CO	401,884	9.226
28	ATOFINA CHEMICALS INC	2,581,624	59.266
29	ATWATER PLACE CONDOMINIUMS OWNERS ASSN	85,898	1.972
30	B P & LESTER & REGINA	110,537	2.538
31	B R P - LAGOON INC	55,450	1.273
32	BABCOCK LAND COMPANY LLC	149,518	3.432
33	BAJA ESCAPES LLC	39,025	0.896
34	BARBOUR,WARD A	2,835	0.065
35	BARNETT,BARON G	21,261	0.488
36	BARNETT,KAREN L &	1,720	0.039
37	BB HOUSE LLC	4,008	0.092
38	BDC WILLAMETTE LLC	91,782	2.107
39	BEACH,RAY TR ET AL	75,243	1.727
40	BEAHR,JOHN O ET AL	31,708	0.728
41	BECKER LAND LLC	339,532	7.795
42	BLOCK 37 OWNER LLC	72,815	1.672

Map Id	Owner	Sq. Ft.	Acres
43	BLOOM,MARCEEN	6,002	0.138
44	BNSF RAILWAY COMPANY	312,636	7.177
45	BRADBURY,RICHARD R TR &	22,725	0.522
46	BRALEY,REX &	2,955	0.068
47	BRE SELECT HOTELS	69,223	1.589
48	BREMEN LLC	7,209	0.166
49	BRIDGETOWN LOFTS LLC	64,653	1.484
50	BRIX MARITIME CO	171,851	3.945
51	BRP-LAGOON INC	55,450	1.273
52	BRUNN,KELLY C & BARBARA	4,394	0.101
53	BRUUN,KELLY C	4,188	0.096
54	BRUUN,MARK & BLAKE	82,045	1.884
55	BT-OH LLC	1,018,376	23.379
56	BUILDING BRIDGES PROPERTIES LL	20,616	0.473
57	BURGARD	576,878	13.243
58	BURLINGTON NORTHERN RAILROAD C	20,720	0.476
59	BURPEE,MARY E TR &	475,869	10.924
60	CAMERON OREGON	150,652	3.458
61	CANTEEN CO OF OREGON/ESTEY,JOHN R TR	179,356	4.117
62	CARGILL INC	282,811	6.492
63	CHANNEL AVENUE LLC/ CULBERTSON,JAMES	220,329	5.058
64	CHANNEL INVESTORS LLC	85,621	1.966
65	CHEVRON USA INC	128,880	2.959
66	CLAIRMONT,SABRINA V	26,540	0.609
67	COCHRAN,ROBERT L	7,279	0.167
68	COPHER,RICK TR	87,530	2.009
69	COWAN,DONALD G &	27,275	0.626
70	CRP/FPC RIVERSCAPE	121,046	2.779
71	CUTRERA,STEPHEN H & CATHY	34,724	0.797
72	D S U-PETERBILT> & GMC TRUCK I	130,571	2.997
73	D W SIVERS CO	19,000	0.436
74	DAIMLER TRUCKS NORTH AMERICA LLC	272,459	6.255
75	DASH MULTI-CORP INC	428,050	9.827
76	DAVIES,BRUCE E	2,500	0.057
77	DAVIS,GLEN S & LUDMILA	18,275	0.420
78	DAVISON,JAMES L &	20,653	0.474
79	DE LUCCA,ANDRES &	3,588	0.082
80	DINDRAL,MOHINDER TR	14,344	0.329
81	DOLAN AND COMPANY LLC	515,847	11.842
82	DOLPHIN STREET PROP LLC	102,305	2.349
83	DORDEVIC,DEAN M & KATHI	33,665	0.773
84	DORIS ANN CO LLC	62,834	1.442

Map Id	Owner	Sq. Ft.	Acres
85	DOWD,MICHAEL B	4,302	0.099
86	DUSSIN FAMILY HOLDINGS LLC	101,586	2.332
87	EBNER,MARISA & KEVIN	2,961	0.068
88	EDWARDS,ISAAC & EMILY	1,728	0.040
89	ELLIS,GLEN M	16,435	0.377
90	ELLSWORTH LLC	5,810	0.133
91	ENGEL,PETER M JR	3,012	0.069
92	EQUILON ENTERPRISES LLC	58,906	1.352
93	ERLER,THEODORE G III TR & ADRIAN	6,491	0.149
94	EVANS,CAREY R TR & CHARLES	29,746	0.683
95	EVANS,ROSEMARIE & JOHN	7,104	0.163
96	EVRAZ INC NA	5,900,416	135.455
97	EWH LLC	171,827	3.945
98	EXXONMOBIL OIL CORP	149,977	3.443
99	FELDMAN,ALAN H	45,995	1.056
100	FLRF LLC	152,487	3.501
101	FMC PROPERTIES LLC	39,777	0.913
102	FODEN-VENCIL,KRISTIAN &	6,519	0.150
103	FOWLER,MARTHA L &	12,449	0.286
104	FREIGHTLINER CORPORATION	470,589	10.803
105	FREMONT PLACE LP	288,288	6.618
106	FREVACH LAND CO	623,132	14.305
107	FRONT AVENUE LLC	1,826,033	41.920
108	G&B MACADAM LLC	42,904	0.985
109	GABRIEL,HARRY W JR TR & MELODY	58,326	1.339
110	GATX TANK STORAGE TERMINALS CO	571,588	13.122
111	GEIL,JOHN C & LAURA	14,316	0.329
112	GLACIER NORTHWEST INC	264,870	6.081
113	GOODMAN,JULIETTE D & CAMPBELL, BRIAN	3,999	0.092
114	GORDON C & SABRA C MYERS TRUST	31,754	0.729
115	GORDON,MARILYN	6,987	0.160
116	GRACE MORGAN LAND HOLDINGS LLC	42,939	0.986
117	GRAND PLACE CONDOMINIUM OWNERS ASSN	8,819	0.202
118	GRANT,GARY & LAURA	6,201	0.142
119	GRAY,MYLES & ROSLYN	10,958	0.252
120	GS II INC	376,511	8.643
121	GS WATERLINE LLC	79,063	1.815
122	GUNDERSON INC	2,408,350	55.288
123	GWC FRONT LLC	321,965	7.391
124	HAGEL,MICHAEL P & SHAWN	47,649	1.094

Map Id	Owner	Sq. Ft.	Acres
125	HALL,DANIEL W & KAY	4,925	0.113
126	HAMILTON,JEFF D & SARAH	49,386	1.134
127	HANEY PRE 65 LLC	6,955	0.160
128	HANNA,KIRK	35,884	0.824
129	HANSEN,BRUCE W ET AL	45,975	1.055
130	HARBOR LANDING LLC-92% &	179,738	4.126
131	HARRISON,KENNY L &	36,448	0.837
132	HENRY,THOMAS P &	16,017	0.368
133	HERMAN,STAN	81,322	1.867
134	HERON POINT CONDOMINIUM OWNERS ASSN	197,221	4.528
135	HERON POINTE AT JOHNS LANDING OWNERS ASSN	145,324	3.336
136	HEUKER,BERNARD H TR	55,039	1.264
137	HOUSER,DOUGLAS G TR	96,082	2.206
138	IRVJOY 3RD GENERATION CORP	1,303,093	29.915
139	ITAMI,DIANA TR	433	0.010
140	ITO, MENDEZ & ASSOCIATES LLC	3,396	0.078
141	J R SIMPLOT COMPANY	1,288,212	29.573
142	JAFFE,STEVE N TR & CLAUDIA	13,671	0.314
143	JENKINS & SIMONS PROPERTIES LLC	86,842	1.994
144	JFC LACEY LLC	103,340	2.372
145	JOHNS LANDING APARTMENTS HOLDINGS	92,994	2.135
146	JOHNS LANDING COMMERCIAL	25,431	0.584
147	JOHNS LANDING SUSTAINABLE	50,056	1.149
148	JOHNSON,JEFFREY A &	21,731	0.499
149	JOHNSRUD,STEPHEN R TR	6,829	0.157
150	KAHL,DAVID & HOLLOWAY,MARK	6,943	0.159
151	KEANE,GORDON H JR TR & KATHERINE	8,341	0.191
152	KINDER MORGAN LIQUIDS TERMINAL	324,580	7.451
153	KLEIN,TRACY A TR	2,665	0.061
154	KLINE,HARRISON III	7,500	0.172
155	KRISTIN,MICHAEL R	4,999	0.115
156	KULONGOSKI,JUSTIN & CAREY	6,451	0.148
157	LA MEAR,FREDERICK D TR	32,910	0.756
158	LA PORTE,MARVIN J	40,149	0.922
159	LAKESIDE INDUSTRIES	408,401	9.376
160	LANGLEY ST JOHNS LLC	303,247	6.962
161	LAWRENCE,ANNE S &	3,887	0.089
162	LD COMMODITIES NORTHWEST	114,710	2.633
163	LEE,ALFRED K	6,374	0.146
164	LEWIS & CLARK COLLEGE	26,017	0.597

Appendix C: Riparian Properties (page 7)

Owner	Prop Id	RNO	Site Address	Sq. Ft.
10150 SW RIVERSIDE DRIVE LLC	R330583	R991260120	10150 SW RIVERSIDE DR	19,108
3000 INVESTMENT CORP	R232756	R638800060	11000 SW RIVERWOOD RD	30,778
4330 BUILDING LLC	R327929	R991100920	4330 SW MACADAM AVE	72,737
600 SE LINN ST APARTMENTS LLC	R268095	R752722420	600-730 SE LINN ST	102,234
ADVANCED AMERICAN	R483757	R961110410	8444 WI/ NW ST HELENS RD	59,375
ADVANCED AMERICAN	R324078	R961110240	8444 WI/ NW ST HELENS RD	66,298
ADVANCED AMERICAN	R324083	R961110320	8444 NW ST HELENS RD	121,044
ADVANCED AMERICAN	R324072	R961110180	8444 WI/ NW ST HELENS RD	15,587
AIKEN, DOUGLAS W TR &	R100216	R001100450	11831 SW RIVERWOOD RD, A	15,516
ALBERS MILL BUILDING LLC	R141434	R180236030	1200 NW NAITO PKWY	135,989
AMERICAN WATERWAYS INC	R275777	R794001660	100 SE CARUTHERS ST	45,591
ANCHOR PARK LLC	R238891	R649755370	5036 N LAGOON AVE	172,413
ASH GROVE CEMENT CO	R325200	R971260190	13939 N RIVERGATE BLVD	1,275,504
ASH GROVE CEMENT CO	R237733	R649729800	2700 N PORT CENTER WAY	291,712
ASH GROVE CEMENT CO	R316054	R941210770	3737 N PORT CENTER WAY	186,471
ASSOCIATION OF UNIT OWNERS OF	R268198	R752900010	SE UMATILLA ST	234,466
ASSOCIATION OF UNIT OWNERS OF	R308102	R913900010	5640 SW MACADAM AVE	185,583
ASSOCIATION OF UNIT OWNERS OF	R286144	R828550010	SW LANDING DR	223,602
ASSOCIATION OF UNIT OWNERS OF	R179255	R378900010	SW LANDING DR	205,057
ATC LEASING CO	R315626	R941170520	6147 N BASIN AVE	187,227
ATC LEASING CO LLC	R315728	R941171290	6135 N BASIN AVE	214,657
ATOFINA CHEMICALS INC	R553814	R961130590	6400 WI/ NW FRONT AVE	88,724
ATOFINA CHEMICALS INC	R553602	R617400010	6400 WI/ NW FRONT AVE	179,013
B P & LESTER & REGINA	R328529	R991151220	No Situs	111,882
BABCOCK LAND CO LLC	R323760	R961020290	NW FRONT AVE	10,000
BABCOCK LAND COMPANY LLC	R323772	R961020490	E/ NW FRONT AVE	140,070
BAJA ESCAPES LLC	R257939	R711300510	11724 SW RIVERWOOD RD	39,383
BEACH, RAY TR ET AL	R268067	R752721240	205 SE SPOKANE ST	75,676
BECKER LAND LLC	R673573	R649670380	5949 E/ N BASIN AVE	110,478
BNSF RAILWAY COMPANY	R324185	R961130020	6330-6346 NW ST HELENS RD	316,665
BRADBURY, RICHARD R TR &	R257948	R711300910	11851 SW RIVERWOOD RD	23,225
BRALEY, REX &	R308085	R913700510	7352 SW MILES PL	2,955
BRIX MARITIME CO	R324089	R961110390	9030 NW ST HELENS RD	162,773
BRUNN, KELLY C &	R308088	R913700570	7368 SW MILES PL	4,394
BRUUN, ERIK	R308090	R913700610	7410 SW MILES PL	2,532
BRUUN, MARK &	R257973	R711600510	11522 SW RIVERWOOD RD	82,045
BURGARD	R325512	R971350570	10400 WI/ N BURGARD WAY	600,623
BURPEE, MARY E TR &	R257949	R711300980	11859 SW RIVERWOOD RD	19,517
CAMERON OREGON	R328503	R991150710	4640 SW MACADAM AVE	154,876

Owner	Prop Id	RNO	Site Address	Sq. Ft.
CARGILL INC	R514906	R941270810	800 WI/ N RIVER ST	12,081
CARGILL INC	R316269	R941270390	800 N RIVER ST	276,665
CHEVRON USA INC	R315771	R941180050	5533 WI/ NW DOANE AVE	128,880
CLAIRMONT, SABRINA V	R331708	R991350120	12700 SW FIELDING RD	26,628
COCHRAN, ROBERT L	R308096	R913700750	7502 SW MILES PL	6,629
COWAN, DONALD G &	R257938	R711300470	11650 SW RIVERWOOD RD	28,100
CRP/FPC RIVERSCAPE	R553371	R708970500	2220 NW FRONT AVE	122,235
CUTRERA, STEPHEN H &	R331712	R991350160	SW FIELDING RD	1,841
CUTRERA, STEPHEN H TR &	R331703	R991350040	12760 SW FIELDING RD	32,883
DAVIS, GLEN S &	R257947	R711300870	11837 SW RIVERWOOD RD	18,758
DAVISON, JAMES L &	R257963	R711301680	11322 SW RIVERWOOD RD	5,663
DAVISON, JAMES L &	R257962	R711301630	11322 WI/ SW RIVERWOOD RD	6,580
DORDEVIC, DEAN M &	R257932	R711300260	11578 SW RIVERWOOD RD	33,807
DUSSIN FAMILY HOLDINGS LLC	R568131	R649853580	0715 SW BANCROFT ST	102,054
EBNER, MARISA &	R308086	R913700530	7356 SW MILES PL	2,961
ENGEL, PETER M JR	R308087	R913700550	7364 SW MILES PL	3,012
EQUILON ENTERPRISES LLC	R315902	R941200090	3610-3640 NW FRONT AVE	31,638
EQUILON ENTERPRISES LLC	R315909	R941200210	3610-3640 WI/ NW ST HELENS RD	6,342
EQUILON ENTERPRISES LLC	R315956	R941201000	3610-3640 WI/ NW ST HELENS RD	23,000
EVANS, CAREY R TR &	R256170	R708800590	200 SW CAREY LN, UN A	18,802
EVANS, CAREY R TR &	R256176	R708800990	No Situs	13,091
EVRAZ INC NA	R239681	R649774290	14400 N RIVERGATE BLVD	5,924,978
FELDMAN, ALAN H	R331710	R991350140	12765 SW FIELDING RD	45,998
FREMONT PLACE LP	R298550	R883803450	1650 NW NAITO PKWY, BLDG 304	288,885
FREVACH LAND CO	R325463	R971340030	12800 NW MARINA WAY	624,547
FRONT AVENUE I LLC	R238218	R649741610	5034 NW FRONT AVE	509,931
FRONT AVENUE I LLC	R315893	R941191230	5034 WI/ NW FRONT AVE	70,331
FRONT AVENUE II LLC	R238223	R649741630	4950 NW FRONT AVE	667,536
GABRIEL, HARRY W JR TR &	R257933	R711300310	11614 W/ SW RIVERWOOD RD	29,158
GABRIEL, HARRY W JR TR &	R257934	R711300320	11614 SW RIVERWOOD RD	30,573
GATX TANK STORAGE TERMINALS CO	R323828	R961030050	11400 NW ST HELENS RD	583,338
GLACIER NORTHWEST INC	R102754	R009618850	931 N RIVER ST	124,118
GLACIER NORTHWEST INC	R102753	R009618780	931 N RIVER ST	145,700
GS II INC	R315776	R941180130	6350 NW FRONT AVE	378,486
GUNDERSON INC	R315912	R941200500	4700 NW FRONT AVE	892,897
GUNDERSON INC	R315919	R941200570	4700 WI/ NW FRONT AVE	869,404
GUNDERSON INC	R315894	R941191240	4700 WI/ NW FRONT AVE	649,394
HAGEL, MICHAEL P &	R331701	R991350020	12780 SW FIELDING RD	47,649
HALL, DANIEL W &	R308089	R913700590	7400 SW MILES PL	4,925
HANNA, KIRK	R232763	R638800180	10808 SW RIVERWOOD RD	36,610
HARRISON, KENNY L &	R257969	R711600010	11350 SW RIVERWOOD RD	36,448

Owner	Prop Id	RNO	Site Address	Sq. Ft.
HENRY, THOMAS P &	R330593	R991260230	10228 SW RIVERSIDE DR	19,528
HERMAN, STAN	R102746	R009618680	1300 WI/ N RIVER ST	81,396
HOUSER, DOUGLAS G TR	R257972	R711600310	11476 SW RIVERWOOD RD	96,082
IRVJOY 3RD GENERATION CORP	R315924	R941200650	3838 NW FRONT AVE	1,306,850
ITO, MENDEZ & ASSOCIATES LLC	R308093	R913700690	7430 SW MILES PL	3,070
J R SIMPLOT COMPANY	R325206	R971260240	14003 N RIVERGATE BLVD	905,390
J R SIMPLOT COMPANY	R505947	R971260340	No Situs	11,624
JOHNS LANDING APARTMENTS HOLDI	R328513	R991150950	4640 S/ SW MACADAM AVE	3,839
JOHNS LANDING APARTMENTS HOLDI	R328512	R991150940	4920 SW LANDING DR	50,232
KINDER MORGAN LIQUIDS TERMINAL	R315782	R941180200	6080 WI/ NW FRONT AVE	331,369
KULONGOSKI, JUSTIN &	R308092	R913700650	7426 SW MILES PL	6,129
LAKESIDE INDUSTRIES	R315883	R941191120	4850 NW FRONT AVE	388,355
LANGLEY ST JOHNS LLC	R192040	R425807870	8940 N BRADFORD ST	305,633
LD COMMODITIES NORTHWEST	R305200	R903701950	900 N THUNDERBIRD WAY	137,804
LEE, ALFRED K	R308097	R913700770	7510 SW MILES PL	5,677
LEWIS & CLARK COLLEGE	R330597	R991260270	9920 SW RIVERSIDE DR	4,541
LEWIS & CLARK COLLEGE	R330575	R991260010	SW RIVERSIDE DR	6,970
LEWIS & CLARK COLLEGE	R330592	R991260220	E/ SW MACADAM AVE	16,843
LINDQUIST LANDS LLC	R315944	R941200870	3660 S/ NW FRONT AVE	16,197
LINDQUIST, STUART H TR &	R232757	R638800070	10940 WI/ SW RIVERWOOD RD	9,556
LINDQUIST, STUART H TR &	R232758	R638800080	10940 SW RIVERWOOD RD	31,056
LINDSTROM, LARRY L &	R257930	R711300110	11550 SW RIVERWOOD RD	66,740
LINTON WATER CREDITS LLC	R323803	R961021120	10504 WI/ NW ST HELENS RD	36,833
LINTON WATER CREDITS LLC	R323802	R961021110	10504 NW ST HELENS RD	910,556
LOCKERT, ANDREW G	R100219	R001100470	12020 SW RIVERSIDE DR	30,940
LUHYA LLC	R330579	R991260070	10268 SW RIVERSIDE DR	45,774
MANNELIN, DEREK R &	R257955	R711301100	11835 SW RIVERWOOD RD	21,115
MARTY, JOHN ET AL	R330582	R991260110	10110 SW RIVERSIDE DR	18,579
MC CORMACK, WIN	R257942	R711300700	11878 WI/ SW RIVERWOOD RD	1,983
MC CORMACK, WIN	R257941	R711300660	11878 SW RIVERWOOD RD	8,920
MC CORMICK & BAXTER CREOSOTING	R314762	R941070620	6900 N EDGEWATER ST	1,846,204
MC CORMICK PIER CONDOMINIUM	R537325	R548800010	NW NAITO PKWY	491,200
METRO	R263873	R739100180	SW/ BRADFORD & N RICHMOND AVE	27,297
METRO	R324112	R961120410	SEC/ RICHMOND & N BRADFORD ST	213,069
METRO	R324152	R961120990	N VAN BUREN AVE	30,653
METRO	R502442	R961121420	S/ N WILLAMETTE BLVD	352,702
METRO	R324110	R961120390	S/ N PIERCE AVE	374,681

Owner	Prop Id	RNO	Site Address	Sq. Ft.
PORTLAND CITY OF	R268070	R752721360	SE OAKS PARK WAY	83,951
PORTLAND CITY OF	R330322	R991220650	No Situs	182,333
PORTLAND CITY OF	R167182	R300406940	No Situs	44,971
PORTLAND CITY OF	R308101	R913700850	No Situs	37,439
PORTLAND CITY OF	R330337	R991220860	SW MACADAM AVE	225,357
PORTLAND CITY OF	R330340	R991220890	No Situs	64,932
PORTLAND CITY OF	R328449	R991141000	No Situs	62,100
PORTLAND CITY OF	R328387	R991140150	No Situs	216,765
PORTLAND CITY OF	R328474	R991150040	No Situs	36,321
PORTLAND CITY OF	R328471	R991141220	No Situs	19,986
PORTLAND CITY OF	R328380	R991140100	No Situs	34,183
PORTLAND CITY OF	R273480	R780208140	6404 SW BEAVER AVE	175,569
PORTLAND CITY OF	R328381	R991140110	No Situs	41,220
PORTLAND CITY OF	R328384	R991140130	No Situs	336,264
PORTLAND CITY OF	R328523	R991151130	TOE ISLAND	20,307
PORTLAND CITY OF	R527694	R667708110	SW NAITO PKWY	50,629
PORTLAND CITY OF	R543801	R882450010	0899 SW CURRY ST	112,707
PORTLAND CITY OF	R625653	R991150380	ROSS ISLAND	1,267,993
PORTLAND CITY OF	R327882	R991100440	No Situs	205,955
PORTLAND CITY OF	R246140	R667708120	1020 SW NAITO PKWY	44,195
PORTLAND CITY OF-LEASED	R330326	R991220750	7720 SW MACADAM AVE	33,949
PORTLAND CITY OF-LEASED	R328442	R991140930	No Situs	24,531
PORTLAND CITY OF-LEASED	R330342	R991220910	7720 WI/ SW MACADAM AVE	209,073
PORTLAND CITY OF-LEASED	R487357	R649795140	1816 SW MONTGOMERY ST	189,886
PORTLAND GENERAL ELECTRIC	R325467	R971340100	No Situs	467,485
PORTLAND GENERAL ELECTRIC	R325485	R971350100	No Situs	61,260
PORTLAND GENERAL ELECTRIC	R325470	R971340160	E/ NW ST HELENS RD	53,252
PORTLAND GENERAL ELECTRIC	R325472	R971340180	12500 NW MARINA WAY	2,748,759
PORTLAND ROWING CLUB	R268080	R752721800	W END/ SE HARNEY ST	168,108
PORTLAND TRACTION COMPANY	R328447	R991140970	No Situs	712
PORTLAND TRACTION COMPANY	R502735	R991141270	No Situs	2,189
PROTESTANT EPISCOPAL BISHOP	R100214	R001100430	11800 S/ SW MILITARY LN	22,312
QUAYSIDE CONDOMINIUM OWNERS' A	R250983	R681100006	SE WEBBER ST	120,092
R B PAMPLIN CORP	R102750	R009618740	1208 N RIVER ST	68,204
R B PAMPLIN CORP	R102749	R009618700	1208 WI/ N RIVER ST	22,612
RAMSOUR,ROD	R330581	R991260100	10000 SW RIVERSIDE DR	15,126
RENO,CALVIN C TR &	R331700	R991350010	12790 SW FIELDING RD	47,049
RENTAL ON MILES LLC	R308094	R913700710	7432 SW MILES PL	3,157
RENTAL ON MILES LLC	R308095	R913700730	7440 SW MILES PL	5,120
RIVER FORUM LLC	R327902	R991100650	4380 SW MACADAM AVE	144,867
RIVER FORUM LLC	R327924	R991100890	4386 SW MACADAM AVE	41,230

Owner	Prop Id	RNO	Site Address	Sq. Ft.
RIVERSIDE INDUSTRIAL	R323830	R961030080	E SIDE/ 11000 BLOCK NW FRONT AVE	157,639
ROBERT A HART AND SUSAN L	R257964	R711301730	11312 SW RIVERWOOD RD	7,969
ROBERTS,DUNCAN L &	R331705	R991350090	12742 SW FIELDING RD	15,652
ROSS ISLAND SAND & GRAVEL CO	R197256	R448700650	2611 SE 4TH AVE	120,315
ROSS ISLAND SAND & GRAVEL CO	R328459	R991141110	4129 SE MCLOUGHLIN BLVD	2,209,797
ROSS ISLAND SAND & GRAVEL CO	R328484	R991150370	4315 WI/ SE MCLOUGHLIN BLVD	3,092,576
SAKRETE OF PACIFIC NORTHWEST I	R316315	R941280350	1402 N RIVER ST	113,648
SANCTUARY HOLDINGS LLC	R257970	R711600110	11388 SW RIVERWOOD RD, A	90,374
SAUSE BROS INC	R315900	R941200060	3710 NW FRONT AVE	114,681
SCHNITZER INVEST CORP	R325510	R971350550	12005 WI/ N BURGARD RD	432,010
SCHNITZER PROPERTIES LLC	R257953	R711301080	11831 SW RIVERWOOD RD	19,632
SCHNITZER STEEL INDUSTRIES INC	R325522	R971350710	12005 N BURGARD RD	3,181,194
SCHNITZER STEEL INDUSTRIES INC	R123693	R118300200	12005 WI/ N BURGARD RD	181,473
SCHOEN,GREGG	R257937	R711300420	11706 SW RIVERWOOD RD	33,254
SCHULTZ,STEPHEN &	R331702	R991350030	12770 SW FIELDING RD	58,155
SCHURE,DENIS T	R308098	R913700790	7520 SW MILES PL	4,722
SEAPORT MIDSTREAM HOLDINGS LLC	R498331	R961021310	9930 NW ST HELENS RD	471,542
SHAVER TRANSPORTATION CO	R315885	R941191140	4900 NW FRONT AVE	99,610
SHIPYARD COMMERCE CENTER LLC	R543777	R649840290	5555 N CHANNEL AVE	2,805,561
SHIPYARD COMMERCE CENTER LLC	R506872	R941180390	5555 WI/ N CHANNEL AVE	2,439,693
SHIPYARD COMMERCE CENTER LLC	R506868	R941201320	5555 WI/ N CHANNEL AVE	295,960
SHORE TERMINALS LLC	R491070	R961110430	9420 WI/ NW ST HELENS RD	293,182
SHORE TERMINALS LLC	R518295	R649815980	9420 NW ST HELENS RD	658,189
SHORELINE CONDOMINIUMS	R553327	R708970110	E/ NW FRONT AVE	43,353
SHORELINE CONDOMINIUMS	R553366	R708970100	E/ NW FRONT AVE	46,674
SILTRONIC CORP	R324183	R961130010	7200 NW FRONT AVE	2,331,619
SK COMPANY OF OREGON LLC	R197236	R448700030	250 SE DIVISION PL	72,507
SOPPE,THOMAS D &	R308091	R913700630	7414 SW MILES PL	3,589
SPADA,CHARISSE M	R232762	R638800140	10900 SW RIVERWOOD RD	26,462
STEEL HAMMER PROPERTIES LLC	R263875	R739100380	8524 W/ N CRAWFORD ST	57,067
STEEL HAMMER PROPERTIES LLC	R263874	R739100250	8524 W/ N CRAWFORD ST	320,111
STELLWAY,DAVID L &	R256167	R708800450	10400 SW RIVERSIDE DR	18,367
SULZER PUMPS (US) INC	R316362	R941280900	2800 NW FRONT AVE	528,101
SUMMIT PROPERTIES INC	R298548	R883803120	1462 NW NAITO PKWY	108,988
T & E INVESTMENTS LLC	R327917	R991100790	0720 W/ SW BANCROFT ST	92,274

Owner	Prop Id	RNO	Site Address	Sq. Ft.
TANKER BASIN LLC	R315786	R941180260	5480 WI/ NW FRONT AVE	782,256
TEED,RONALD L &	R232754	R638800010	10960 SW RIVERWOOD RD	34,451
THE LANDING AT MACADAM LLC	R327894	R991100610	SW BOND AVE	53,296
THE LANDING AT MACADAM LLC	R327891	R991100600	SW BOND AVE	208,041
THE MARINE SALVAGE CONSORTIUM	R315704	R941171010	6211 N ENSIGN ST	182,890
TOC HOLDINGS CO	R325487	R971350180	10350 WI/ N TIME OIL RD	439,606
TOC HOLDINGS CO	R325497	R971350380	10350 WI/ N TIME OIL RD	1,260,811
TRANSLOADER INTERNATIONAL	R324091	R961110400	8888 NW ST HELENS RD	188,349
TRI-COUNTY METROPOLITAN	R657638	R668200170	SE 2ND PL	47,120
UNION PACIFIC RAILROAD CO	R316364	R941280920	No Situs	79,100
UNION PACIFIC RAILROAD COMPANY	R316791	R941340030	No Situs	205,003
UNION PACIFIC RAILROAD COMPANY	R305199	R903701900	No Situs	3,748
UNION PACIFIC RAILROAD COMPANY	R140724	R180210190	446 NW NAITO PKWY	33,018
UNION PACIFIC RAILROAD COMPANY	R305186	R903700860	No Situs	57,754
UNITED STATES OF AMERICA	R325473	R971340190	No Situs	136,743
UNITED STATES OF AMERICA	R324067	R961110120	8010 NW ST HELENS RD	293,017
UNITED STATES OF AMERICA	R315695	R941170920	6767 N BASIN AVE	299,922
UNITED STATES OF AMERICA	R315697	R941170940	6735 N BASIN AVE	482,684
UNIVERSITY OF PORTLAND	R315768	R941180010	5000 N WILLAMETTE BLVD	822,463
UNIVERSITY OF PORTLAND	R315775	R941180100	5828 N VAN HOUTEN PL	1,464,305
UNKELES FAMILY L L C	R316265	R941270280	820-822 N RIVER ST	35,886
WATERFRONT PEARL CONDOMINIUM	R618590	R882430010	NW NAITO PKWY	108,937
WAVERLEY COUNTRY CLUB	R256169	R708800510	No Situs	18,470
WAVERLY MARINA ASSN	R237048	R649711980	513 SE MARION ST	45,786
WILLAMETTE SAILING CLUB	R273479	R780207940	6336 SW BEAVER AVE	69,282
WILSON,RONNIE K &	R330598	R991260290	9990 SW RIVERSIDE DR	9,732
WL-SKB JOHNS LANDING	R328530	R991151230	5550 WI/ SW MACADAM AVE	32,162
Z R Z REALTY COMPANY	R327850	R991100010	3121 WI/ SW MOODY AVE	427,335
Z R Z REALTY COMPANY	R327878	R991100420	3121 SW MOODY AVE	312,074
ZUPAN,MICHAEL J EST OF	R257950	R711301020	11833 SW RIVERWOOD RD	22,350

Appendix D: Special Habitat Area Criteria (page 9)

Below is a list of the eligibility criteria used to designate Special Habitat Areas for the Natural Resources Inventory. For a detailed description of each criteria, please refer to the Natural Resources Inventory Update, Project Report, October 3, 2012.

Code	Criteria
P	Area contains sensitive or unique plant populations
W	Wetlands and associated seeps, springs and streams that are part of the wetland complex
O	Native oak
B	Bottomland hardwood forest
I	Riverine island
D	River delta
M	Migratory stopover habitat
C	Corridor between patches or habitats
S	An at risk wildlife species uses the habitat area or feature on more than incidental basis to complete one or more life history stages
E	Elk migratory corridor
G	Upland habitat or landscape feature important to individual grassland-associated species or assemblages of grassland-associated species on more than an incidental basis
U	Resource or structure that provides critical or unique habitat function in natural or built environments (such as bridges or street trees)

Appendix E: Historic Resource Inventory (HRI) (Map 9)

Address	Original Name	Date	Rank	Original Function
111 NE Steel Bridge	Steel Bridge Interlocking Plant	1911	III	Interlocker
10222 NW 112th Street		ca. 1910	III	Residence
7805 SE Oaks Park Way	The Oaks Amusement Park	1905	I	Amusement Park
8879 SE Ninth Avenue	Fred W. Graves Residence	1904	III	Residence
10504 NW St Helens Road		1916	unranked	Office
2200 NW Front Avenue	Steffen Shipyard (site)	<Null>	unranked	
4747 N Channel Avenue	Freightliner Building	1978	III	Office
4900 NW Front Avenue	Shaver Transportation Company	ca. 1935	III	Sea Plane Hangar (?)
7654 N Crawford Street		1910	II	Residence
11033 NW Front Avenue		ca. 1900	III	Residence
10921 NW Front Avenue		ca. 1900	III	Residence
2800 NW Front Avenue	Willamette Iron & Steel Works	ca. 1925	unranked	
3710 NW Front Avenue		1974	unranked	Offices
6767 N Basin Avenue	Coast Guard Building	1973	unranked	Office
6735 N Basin Avenue	U.S. Naval Reserve	1972	III	U.S. Navy Corps and Marine Training Center
822 N River Street	Fireboat Station #2	1923	III	Fireboat Station
100 SE Caruthers Street		1962	III	Office
4129 SE McLoughlin Boulevard		1926	III	Aerial Tramway
600 SE Powell Boulevard		1926	II	Bridge
2500 SW Moody Street	Marquam Bridge	1966	III	Bridge
1200 SW Harbor Drive	Hawthorne Bridge	1909-1910	I	Bridge
00000 Willamette River	Ross Island	<Null>	II	Island
1701 SE Water Street	PEPCO Garage	1927	unranked	Garage
1021 SW Naito Pkwy	Visitors Information Center	1949	designated	Information Center
520 SW Naito Pkwy	Morrison Bridge	1958	III	Bridge
6900 N Pittsburg Avenue		1888	unranked	
9550 N Bradford Street		1860	unranked	
9530 N Bradford Street		1852	unranked	
0 NW Glisan Street	Steel Bridge	1912	II	Bridge
1118 NW Front Avenue		ca. 1911	III	Mill
1100 NW Front Avenue	Broadway Bridge	1911-1913	III	Bridge
650 NW Front Avenue		ca. 1915	III	Freight Offices
6500 NW Front Avenue	Spokane, Portland and Seattle Railroad Bridge	1907	III	Railroad Bridge
Oregon Maritime Museum	Steamer Portland II	1947	I	Ship Assist Tug
6507 N Richmond Avenue		<Null>	unranked	
6700 N Burlington Avenue		1850s	unranked	
6900 N Philadelphia Avenue	St. Johns Bridge	1931	designated	Bridge
3600 NW Front Avenue	Fremont Bridge	1971-1973	II	Bridge
5400 N Lagoon Avenue	Portland Airport	1929	unranked	
3530 NW Front Avenue	Municipal Terminal #1	ca. 1929	II	Public Dock (?)

Address	Original Name	Date	Rank	Original Function
30 NE Oregon Street		1940	III	Park
4449 SE McLoughlin Boulevard		<Null>	unranked	
7951 SE Seventh Avenue	Sellwood Park Bathhouse	1912	III	Park Structure
200 SE Caruthers Street		<Null>	unranked	
8039 SE Grand Avenue	St. John's Episcopal Church	1851	designated	Church
4349 SE McLoughlin Boulevard		1904	III	Streetcar Line
6700 N Alta St.	Lewis and Clark Expedition Campground (site of)	<Null>	unranked	
8000 N Channel Ave.	Swan Island Ship Repair Yards and Dry Docks	<Null>	II	<Null>
00000 SW Salmon Street	Portland's First Hanging (site)	1859	unranked	
00000 SW Stark Street	Offices and Municipal Boat Landing of the Portland Dock Comm	<Null>	unranked	
0 W Burnside Street	Burnside Bridge	1924-1926	II	Bridge

Appendix F: Historic Landmarks (Map 9)

Map ID	Historic Name	Common Name	Built	Type
322	Visitors Information Center	McCall's Waterfront Restaurant	1949	Historic Landmark
134	Albers Brothers Milling Company	---	1911	Historic Landmark
515	St. John's Episcopal Church	Oaks Park Pioneer Church	1851	Historic Landmark
4	Herschell-Spillman Noah's Ark Carousel	Oaks Park Carousel	1915	Historic Landmark
533	Portland General Electric Co. Station L Group	Lincoln Substation; Stephens Substation	1910	Historic Landmark
8865	USS Blueback (SS 581)		1959	Historic Landmark
8889	Motor Torpedo Boat PT-658	PT-658 Motor Torpedo Boat	1945	Historic Landmark
258	Hawthorne Bridge	Willamette River Bridge # 2757; Madison Strt Brg	1909	Historic Landmark
8892	Morrison Bridge	MORRISON BRIDGE	1958	Historic Landmark
8891	Burnside Bridge	Bridge # 511	1924	Historic Landmark
8893	Broadway Bridge	Bridge # 6757	1913	Historic Landmark
7	St. Johns Bridge	---	1931	Historic Landmark
13	Benson, Amos, Residence	---	1910	Historic Landmark
8853	Yamhill Historic District	NA	NA	Historic District
8851	Skidmore / Old Town Historic District	NA	NA	Historic District



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