

APPENDIX A.4

Biological Resource Characteristics of Fire Stations Enrolled in the AFFF Program and 10-Day Hold Sites

The participating fire stations and 10-day hold sites are located throughout the state and in a variety of biotic communities that are home to diverse plant and wildlife species. We used geospatial data was used to identify known resources in proximity to proposed project locations in Washington State. Data sources included statewide data from the Washington Department of Fish and Wildlife, Washington Department of Natural Resources, and Washington State Department of Ecology, and national datasets including the National Hydrography Dataset and National Wetland Inventory. We determined site characteristics through review of aerials and photographs using Google Earth and Google Street Map. Study area characteristics were derived from geospatial data using a study area of one-quarter mile around each site. No field or onsite visits were made for this analysis.

The following tables are included in this appendix:

- **Table A.4-1:** Characteristics of Fire Stations Enrolled in the AFFF Collection and Disposal Program.
- **Table A.4-2:** Characteristics of 10 Day Hold Sites.

Publication Information

This appendix is part of Washington State Department of Ecology's publication number 23-04-04, Aqueous Film-Forming Foam Collection and Disposal Program: Draft Programmatic Environmental Impact Statement.¹

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¹ <https://apps.ecology.wa.gov/publications/SummaryPages/2304064.html>

Table A.4-1: Characteristics of Fire Stations Enrolled in the AFFF Collection and Disposal Program

Fire Station ID	Station Name	Address	Ecoregion (WDNR)	Ecoregion (EPA)	Watershed	WRIA	Site Characteristics ¹				Study Area Characteristics ²			
							Substrate	Curbs/Vaults	Vegetated Ditches	Local ecological context	Waters/Wetlands	Aquatic wildlife ³	Terrestrial wildlife	Sensitive Vegetation
AT13	Skagit County FD #3	21020 Greenfield St, Mount Vernon, WA 98273	Northwest Region	Puget Lowland	Skagit Delta-Frontal Skagit Bay	Lower Skagit - Samish	Paved	No	Yes	Natural landscape/forests & fields	Unnamed trib. to Skagit River (2), Unnamed trib. to Skagit River (1), Skagit River, wetlands	Waterfowl concentrations, Cascade Winter Steelhead (T), Skagit Coho (C), Baker Coho (C), Resident Coastal Cutthroat, Fall Chinook, Fall Chum, Pink Odd Year	--	--
BH61	North Mason RFA	460 NE Old Belfair Hwy, Belfair, WA 98528	Southwest Region	Puget Lowland	Union River	Kitsap	Paved	No	Yes	Natural landscape/forest, managed grassland	Irene Creek, wetlands	Union Winter Steelhead (T)	Mountain quail	--
BX51	Skagit County FD 10-Trailhead Rest stop	44652 State Route 20, Concrete, WA 98237	Northwest Region	North Cascades	Mill Creek-Skagit River	Upper Skagit	Paved	No	Yes	Natural landscape/ruderal grassland/agriculture	Unnamed trib to Skagit River (2)	Skagit Coastal Cutthroat, Skagit Coho (C), Winter Steelhead	Marbled murrelet	--
CA58	Lewis County Fire District #1	102 Kruger Rd, Onalaska, WA 98570	Southwest Region	Puget Lowland	Middle Fork Newaukum River	Upper Chehalis	Paved	Yes	Yes	Rural, fields, forests	Unnamed trib to Carlisle Lake (2), wetlands	--	Marbled murrelet	--
CJ26	Skagit County Fire District 14	18726 Parkview Ln, Burlington, WA 98233	Northwest Region	Puget Lowland	Friday Creek	Lower Skagit - Samish	Paved	Yes	No	Natural landscape/forests & fields	Unnamed trib to Friday Creek, Silver Creek, wetlands	Samish Winter Steelhead (T)	--	--
CK25	Spokane County Fire District 10	929 S Garfield Rd, Airway Heights, WA 99001	Eastern Region	Columbia Plateau	Nine Mile Reservoir-Spokane River	Lower Spokane	Paved	Yes	No	Natural landscape/grasslands	--	--	--	Shrub steppe Priority Habitat
CM80	Renton Regional Fire Authority	1900 Lind Ave SW, Renton, WA 98057	Northwest Region	Puget Lowland	Green River	Duwamish - Green	Paved	Yes	No	Urban	Wetlands, Green River	Green River/Soos Creek Coho (C), Winter Steelhead	--	--
CS12	Lacey Fire District 3	1305 Fones Rd. SE, Olympia, WA 98501	Southwest Region	Puget Lowland	Woodland Creek-Frontal Henderson Inlet	#N/A	Paved	Yes	No	Urban	--	--	--	--

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CX15	Camano Island Fire	811 N. Sunrise BLVD. Camano Island, WA 98282	Northwest Region	Puget Lowland	Camano Island	Island	Paved	Yes	Yes	Rural, fields, trees.	Unnamed trib to Livingston Bay	--	--	--
CZ31	Seatac Airport Fuel Facility	2350 S 190th St, SeaTac, WA 98188	Northwest Region	Puget Lowland	Miller Creek-Frontal East Passage	Duwamish - Green	Paved	No	Yes	Industrial setting, nearby woodland	Unnamed trib to Des Moines Creek	--	--	--
DC37	Thurston County Fire Protection District 13	3707 Steamboat Loop NW, Olympia, WA 98502	Southwest Region	Puget Lowland	Perry Creek-Frontal Eld Inlet	Kennedy - Goldsborough	Paved	No	Yes	Natural landscape/forest	--	--	--	Oak Woodland
DC71	Richland Fire & Emergency Services	1000 George Washington Way, Richland, WA 99352	Central Region	Columbia Plateau	City of Richland-Columbia River	Alkali - Squilchuck	Paved	Yes	No	Urban	Columbia River, wetlands	Hanford Reach Fall Chinook	--	Shrub steppe Priority Habitat
DO80	Kittitas County Fire Dst 2	2020 Vantage Hwy, Ellensburg, WA 98926	Central Region	Columbia Plateau	Lower Naneum Creek-Wilson Creek	Upper Yakima	Paved	Yes	No	Natural/next to river	Town Canal, wetlands	--	--	Shrub steppe Priority Habitat
DQ94	Ilwaco Fire Department	301 Spruce St Ilwaco WA 98624	Southwest Region	Coast Range	Chinook River-Frontal Columbia River	Willapa	Paved	Yes	No	Urban	Unnamed trib to Baker Bay, wetlands	--	Marbled murrelet	--
DR53	East Pierce Fire	18421 Veterans Memorial Dr E, Bonney Lake, WA 98391	Southwest Region	Puget Lowland	Fennel Creek-Puyallup River	Puyallup - White	Paved	Yes	No	Urban parkland	--	--	--	--
DS64	Hoquiam Fire Dept.	625 8th St and/ or 517 Ontario Hoquiam Wa	Southwest Region	Coast Range	Hoquiam River	#N/A	Paved	Yes	No	Urban	--	--	--	--

Fire Station ID	Station Name	Address	Ecoregion (WDNR)	Ecoregion (EPA)	Watershed	WRIA	Site Characteristics ¹				Study Area Characteristics ²			
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EE49	Spokane County Fire District 9	3801 E Farwell Rd, Mead, WA 99021	Eastern Region	Northern Rockies	Lower Deadman Creek	Little Spokane	Paved	Yes	No	Urban, grasslands nearby	--	--	--	Shrub steppe Priority Habitat
EG31	Tumwater Fire Department	555 Israel Rd SW, Tumwater, WA 98501	Southwest Region	Puget Lowland	Deschutes River-Capitol Lake	Deschutes	Paved	Yes	No	Urban/parkland	--	--	Mazama (Western) pocket gopher, streaked horned lark	--
EH64	Grant County Fire District #5	11058 Nelson Rd NE, Moses Lake, WA 98837	Eastern Region	Columbia Plateau	170200150902	Lower Crab	Paved	Yes	No	Urban	Unnamed	--	--	Shrub steppe Priority Habitat
EU84	East Olympia Fire District #6	8047 Normandy St SE, Olympia, WA 98501	Southwest Region	Puget Lowland	Deschutes River-Capitol Lake	Deschutes	Paved	Yes	Yes	Rural/fields, woodland	--	--	Big brown bat	--
EZ54	Vancouver Fire Department (Multiple)	7110 NE 63rd Street, Vancouver, WA 98661	Southwest Region	Willamette Valley	Burnt Bridge Creek	Salmon - Washougal	Paved	Yes	No	Rural, trees, grassland to north	Wetlands	--	--	--
FQ96	McCleary Fire/GHFD#12	123 S Main St, McCleary, WA 98557	Southwest Region	Coast Range	Wildcat Creek	Lower Chehalis	Paved	Yes	No	Urban parkland	Unnamed trib to Wildcat Creek	Rainbow Trout	--	--
GO39	Cowlitz County Fire District 6	146 A St SE, Ephrata, WA 98823	Eastern Region	Columbia Plateau	The Pot Hole	Lower Crab	Paved	Yes	No	Urban	--	--	Ferruginous hawk	Shrub steppe Priority Habitat
GQ18	Mountain View Fire and Rescue	32316 148th Ave SE, Auburn, WA 98092	Northwest Region	Puget Lowland	Big Soos Creek	Duwamish - Green	Paved	Yes	Yes	Natural landscape/forests & fields	--	--	--	--
GS13	Bothell Fire Department	10726 Beardslee Blvd, Bothell, WA 98011	Northwest Region	Puget Lowland	North Creek	Cedar - Sammamish	Paved	Yes	No	Urban	Wetlands	--	--	--

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GZ89	Central Pierce Fire & Rescue	17520 22nd Ave E, Tacoma, WA 98445	Southwest Region	Puget Lowland	Clover Creek	Chambers - Clover	Paved	Yes	No	Some natural fields within urban context	--	--	--	--
HK35	Solvay Chemicals, Inc.	3500 Industrial Way, Longview, WA 98632	Southwest Region	Puget Lowland	City of Longview-Frontal Columbia River	Grays - Elochoman	Paved	No	Yes	Industrial setting within fields	Ditch Number Five, Columbia River	--	--	--
HK43	Valley Regional Fire Authority	2905 C St SW, Auburn, WA 98001	Northwest Region	Puget Lowland	Mill Creek-Green River	Puyallup - White	Paved	Yes	No	Urban	--	--	--	--
HK53	Mount Vernon Fire Department-Station 1	901 S 2nd St, Mount Vernon, WA 98273	Northwest Region	Puget Lowland	Skagit River	Lower Skagit - Samish	Paved	Yes	No	Urban	Skagit River, wetlands	Cascade Winter Steelhead (T)	Merlin	Soft-leaved willow
HS57	Pierce County Fire District 16	12310 Wright Bliss Rd NW, Gig Harbor, WA 98329	Southwest Region	Puget Lowland	Key Peninsula-Frontal Case Inlet	Kitsap	Paved	Yes	No	Natural lands/forests & fields	Wetlands	--	--	--
HV67	USFS Umatilla N.F.	1415 W Rose St, Walla Walla, WA 99362	Eastern Region	Columbia Plateau	Lower Mill Creek	Walla Walla	Paved	Yes	No	Urban	--	--	--	Shrub steppe Priority Habitat
IL47	Lewis County Fire District #1	1733 State Route 508, Onalaska, WA 98570	Southwest Region	Puget Lowland	Lower South Fork Newaukum River	Upper Chehalis	Paved	Yes	Yes	Rural, woodland	Unnamed trib to S Fork Newaukum River (2), wetlands	Skookumchuck/Newaukum Winter Steelhead	Marbled murrelet, Rocky Mountain elk	--
IL78	South King Fire & Rescue	31617 1st Ave S., Federal Way, WA 98003	Northwest Region	Puget Lowland	Miller Creek-Frontal East Passage	Puyallup - White	Paved	Yes	No	Urban, woodland nearby	Unnamed trib to Mirror Lake	--	--	--
IP65	Center Island Volunteer Fire Department	23 Center Island, Anacortes, WA 98221	Northwest Region	Puget Lowland	Haro Strait-Strait of Georgia	San Juan	Gravel	No	Yes	Rural, woodland	Puget Sound, wetlands	Abalone, pandalid shrimp, Dungeness crab, red sea urchin	Marbled murrelet	--

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							Substrate	Curbs/Vaults	Vegetated Ditches	Local ecological context	Waters/Wetlands	Aquatic wildlife ³	Terrestrial wildlife	Sensitive Vegetation
JH41	Mason County Fire District 4	2970 SE Arcadia Rd, Shelton, WA 98584	Southwest Region	Puget Lowland	Mill Creek	Kennedy - Goldsborough	Paved	Yes	No	Natural landscape/forest	--	--	--	--
JL29	South King Fire and Rescue - Station 67	2238 S 223rd St, Des Moines, WA 98198	Northwest Region	Puget Lowland	Miller Creek-Frontal East Passage	Duwamish - Green	Paved	Yes	No	Urban, woodland nearby	Barnes Creek	--	--	--
JR79	East Pierce Fire and Rescue - Station 192	2905 Sumner-Tapps Hwy. E., Lake Tapps, WA 98391	Southwest Region	Puget Lowland	White River	Puyallup - White	Paved	Yes	No	Urban, woodland nearby	Wetlands	Waterfowl concentration area	--	--
KC81	Skagit County FD #3	19746 E Hickox Rd, Mount Vernon, WA 98274	Northwest Region	Puget Lowland	Skagit Delta-Frontal Skagit Bay	Lower Skagit - Samish	Paved	No	Yes	Natural landscape/forests & fields	Unnamed, wetlands	Winter Steelhead	Marbled murrelet	--
KO51	Adams County Fire District 5	220 S Broadway Ave, Othello, WA 99344	Eastern Region	Columbia Plateau	Paradise Flats	Esquatzel Coulee	Paved	No	No	Urban/ruderal	--	--	--	Shrub steppe Priority Habitat
KQ66	South Kitsap Fire Rescue	1974 Fircrest Dr SE, Port Orchard, WA 98366	Northwest Region	Puget Lowland	Blackjack Creek-Frontal Port Orchard	Kitsap	Paved	Yes	No	Urban	--	--	--	--
KX26	Thurston County Fire Protection District 13-Station 3	4727 Gravelly Beach Rd NW, Olympia, WA 98502	Southwest Region	Puget Lowland	Perry Creek-Frontal Eld Inlet	Kennedy - Goldsborough	Paved	No	Yes	Rural, woodland, fields nearby	--	--	--	--
LC12	Mason County Fire District #13	13375 W Cloquallum Rd, Elma, WA 98541	Southwest Region	Puget Lowland	Cloquallum Creek	Lower Chehalis	Gravel	No	Yes	Natural landscape/forests & fields	Cloquallum Creek	Chehalis Winter Steelhead	--	--
LG75	Lynden Fire Department	215 4th St, Lynden, WA 98264	Northwest Region	Puget Lowland	Fishtrap Creek	Nooksack	Paved	Yes	No	Urban	Fishtrap Creek	Nooksack Coastal Cutthroat, Winter Steelhead	--	--

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LL76	Tacoma Fire Department, Station 6	1015 E F St, Tacoma, WA 98421	Southwest Region	Puget Lowland	Puget Sound	Puyallup - White	Paved	Yes	No	Urban	Middle Waterway, wetlands	Western pond turtle	--	--
LX52	Bellingham Fire Department (Whatcom County Fire District 8)	752 Marine Dr, Bellingham, WA 98225	Northwest Region	Puget Lowland	Squalicum Creek-Frontal Bellingham Bay	Nooksack	Paved	Yes	No	Urban	Wetlands	--	--	--
LX76	Whatcom County Fire District No. 7	5368 Northwest Dr, Ferndale, WA 98226	Northwest Region	Puget Lowland	Silver Creek	Nooksack	Paved	Yes	No	Urban	--	Shorebird concentration	Northern goshawk, golden eagle	--
MB16	Walla Walla Regional Airport	199 W Douglas Ave, Walla Walla, WA 99362	Eastern Region	Columbia Plateau	Lower Dry Creek	Walla Walla	Paved	Yes	Yes	Suburban parklands/managed grassland/ag	Wetlands	--	--	--
MF94	Pierce County Fire Dist 5-Station 58	5210 144th St NW, Gig Harbor, WA 98332	Southwest Region	Puget Lowland	Burley Creek-Frontal Carr Inlet	Kitsap	Paved	Yes	Yes	Woodland	Unnamed trib to Goodnough Creek	West South Sound Coastal Cutthroat	--	--
MI94	WSDOT-Seattle Convention Center	705 Pike St, Seattle, WA 98101	Northwest Region	Puget Lowland	Lake Washington-Sammamish River	Cedar - Sammamish	Paved	Yes	No	Urban	--	--	--	--
MV28	Oak Harbor Fire Department-Oak Harbor Marina	1401 SE Catalina Dr, Oak Harbor, WA 98277	Northwest Region	Puget Lowland	Whidbey Island-Frontal Saratoga Passage	Island	Paved	Yes	No	Urban	Oak Harbor, wetlands	--	--	Oregon White Oak / Common Snowberry / Long-stolon Sedge
NA36	Snohomish County Fire District 7	8010 180th St SE, Snohomish, WA 98296	Northwest Region	Puget Lowland	Bear Creek-Sammamish River	Cedar - Sammamish	Paved	Yes	No	Natural lands/forests & fields	Unnamed, wetlands	--	--	--
NE60	Central Whidbey Fire & Rescue	1164 Race Rd, Coupeville, WA 98239	Northwest Region	Puget Lowland	Whidbey Island-Frontal Saratoga Passage	Island	Paved	Yes	Yes	Natural landscape/forest	--	--	--	--

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							Substrate	Curbs/Vaults	Vegetated Ditches	Local ecological context	Waters/Wetlands	Aquatic wildlife ³	Terrestrial wildlife	Sensitive Vegetation
NI42	Mason County Fire District 11	130 E Island Lake Rd, Shelton, WA 98584	Southwest Region	Puget Lowland	Cranberry Creek-Frontal Oakland Bay	Kennedy - Goldsborough	Paved	Yes	Yes	Rural	--	--	--	--
NN17	King County Fire District 20	11619 84th Ave S, Seattle, WA 98178	Northwest Region	Puget Lowland	Lake Washington-Sammamish River	Cedar - Sammamish	Paved	Yes	No	Urban	Unnamed trib to Lake Washington	--	--	--
NN29	MCFD 18	240 N Standstill Dr S, Hoodspport, WA 98548	Southwest Region	Puget Lowland	Middle North Fork Skokomish River	Skokomish - Dosewallips	Paved	Yes	Yes	Rural, woodland	Unnamed trib to Lake Standstill (2), wetlands	--	Spotted owl	--
NT35	Whatcom County Fire District No. 7	2020 Washington St, Ferndale, WA 98248	Northwest Region	Puget Lowland	Nooksack River-Frontal Bellingham Bay	Nooksack	Paved	Yes	No	Urban	Unnamed trib to Schell Ditch, Nooksack River, wetlands	Fall Chum	--	--
OG35	Port of Seattle Fire Department	2400 S 170th St, Seattle, WA 98158	Northwest Region	Puget Lowland	Miller Creek-Frontal East Passage	Duwamish - Green	Paved	Yes	No	Urban	--	--	--	--
OI50	Grays Harbor Fire Dist. #4-Lake Quinault Volunteer Fire Department	6108 US Highway 101, Amanda Park, WA 98526	Southwest Region	Coast Range	Quinault Lake	Queets - Quinault	Paved	No	Yes	Natural landscape/forest	Quinault River	Lower Quinault Winter Steelhead	Marbled murrelet, spotted owl	--
OJ20	Pierce County Fire Dist 5-Station 52	2217 Point Fosdick Dr NW, Gig Harbor, WA 98335	Southwest Region	Puget Lowland	Burley Creek-Frontal Carr Inlet	Kitsap	Paved	Yes	Yes	Rural, woodland	Unnamed trib to Wollochet Bay	West South Sound Coastal Cutthroat, Coho	--	--
ON54	Grant County Fire District #3	1201 Central Ave S, Quincy, WA 98848	Eastern Region	Columbia Plateau	Crater Coulee	Lower Crab	Paved	Yes	No	Urban	--	--	--	--
OR82	Whatcom County Fire District No. 7-Station 46	6081 Church Rd, Ferndale, WA 98248	Northwest Region	Puget Lowland	Wiser Lake Creek-Nooksack River	Nooksack	Paved	Yes	No	Urban	Wetlands	--	--	--

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OU44	WSDOT	2101 72nd Ave SE, Mercer Island, WA 98040	Northwest Region	Puget Lowland	Lake Washington-Sammamish River	Cedar - Sammamish	Paved	Yes	No	Urban	Wetlands	--	--	--
OX42	Clallam County Fire District 3 Clallam County Fire District #3; Maintenance Facility/Training Grounds	255 Carlsborg Rd, Sequim, WA 98382	Southwest Region	Puget Lowland	Lower Dungeness River	Elwha - Dungeness	Paved	Yes	No	Urban	Matriotti Creek	Dungeness Winter Steelhead (T)	Marbled murrelet	--
PB56	Paine Field Fire Department	10630 36th Pl W, Everett, WA 98204	Northwest Region	Puget Lowland	Powder Mill Gulch-Frontal Possession Sound	Snohomish	Paved	Yes	No	Urban	--	--	--	--
PF53	Duvall King County Fire Dist 45-Station 69	29229 NE Big Rock Rd, Duvall, WA 98019	Northwest Region	Puget Lowland	Harris Creek-Snoqualmie River	Snohomish	Paved	Yes	No	Urban	Unnamed, wetlands	--	--	--
PF91	McNeil Island Fire Dept	12207 Lake Josephine Blvd, Anderson Island, WA 98303	Southwest Region	Puget Lowland	Anderson Island	Kitsap	Gravel	No	Yes	Rural, woodland	--	--	--	--
PT31	Thurston County Fire Protection District 13-Station 4	5215 Oyster Bay Rd NW, Olympia, WA 98502	Southwest Region	Puget Lowland	Schneider Creek-Frontal Totten Inlet	Kennedy - Goldsborough	Gravel	No	Yes	Rural, woodland	Unnamed trib to Burns Cove, Puget Sound, wetlands	Hardshell clam	--	--
PU84	Port Of Moses Lake Fire Department	6997 Patton Blvd NE, Moses Lake, WA 98837	Eastern Region	Columbia Plateau	Gloyd Seeps-Crab Creek	Lower Crab	Paved	Yes	No	Urban	--	--	--	Shrub steppe Priority Habitat
PY77	Pasco Fire Department - Airport Station	3502 Varney Ln, Pasco, WA 99301	Eastern Region	Columbia Plateau	Lower Esquatzel Coulee	Esquatzel Coulee	Paved	Yes	No	Urban, but open fields and a river nearby	--	Burrowing owl, black-tailed jackrabbit	--	Shrub steppe Priority Habitat

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QG82	F/V Karolee-Personal Home?	3652 Lindsay Hill Rd, Quilcene, WA 98376	Southwest Region	Puget Lowland	Tarboo Creek-Frontal Dabob Bay	Quilcene - Snow	Vegetated	No	Yes	Rural. Private home, forest, fields	Hood Canal, Puget Sound, wetlands	Pandalid shrimp, smelt spawning habitat, Quilcene/Dabob Bays Coho (C)	Marbled murrelet	--
QR28	Bellingham Fire Department	1800 Broadway, Bellingham, WA 98225	Northwest Region	Puget Lowland	Squalicum Creek-Frontal Bellingham Bay	Nooksack	Paved	Yes	No	Urban	--	--	--	--
QW63	Spokane Co. Fire Dist 4	3219 E Chattaroy Rd, Chattaroy, WA 99003	Eastern Region	Northern Rockies	Bear Creek-Little Spokane River	Little Spokane	Paved	No	Yes	Natural lands/fields and forests	Wetlands	--	--	Shrub steppe Priority Habitat
QX89	Thurston County Fire Protection District 13-Station 2	8113 Steamboat Island Rd NW, Olympia, WA 98502	Southwest Region	Puget Lowland	Perry Creek-Frontal Eld Inlet	Kennedy - Goldsborough	Paved	Yes	Yes	Rural, woodland	Unnamed trib to Puget Sound	--	--	--
RT28	Snohomish Co. Fire District #4	427 Maple Ave, Snohomish, WA 98290	Northwest Region	Puget Lowland	Snohomish River-Frontal Possession Sound	Snohomish	Paved	Yes	No	Urban	Unnamed trib to Snohomish River, Pilchuck River	Pilchuck Winter Steelhead (T)	--	--
RU81	Nile Cliffdell Fire Department	13670 State Route 410, Naches, WA 98937	Central Region	Eastern Cascades Slopes and Foothills	Dry Creek-Naches River	Naches	Gravel	No	Yes	Natural landscape/forests & fields	Unnamed trib to Benton Creek, Naches River, wetlands	Naches Summer Steelhead (T), Westslope Cutthroat	Spotted owl, elk, mule deer, bighorn sheep	Shrub steppe Priority Habitat
RV58	Cowlitz-Skamania Fire District #7	11670 Lewis River Rd, Ariel, WA 98603	Southwest Region	Cascades	Marble Creek-Lewis River	Lewis	Gravel	No	Yes	Natural landscape/forest	Unnamed trib to Lewis River (2)	--	Rocky Mountain elk	--
RW67	Spokane County Fire District 11	116 W Emma St, Rockford, WA 99030	Eastern Region	Columbia Plateau	Mica Creek	Hangman	Paved	No	No	Natural landscape/fields	Unnamed trib to Rock Creek	--	--	Shrub steppe Priority Habitat
RY22	City of Bellevue Fire Department	1838 116th Ave NE, Bellevue, WA 98004	Northwest Region	Puget Lowland	Lake Washington-Sammamish River	Cedar - Sammamish	Paved	Yes	No	Urban	Goff Creek	Winter Steelhead	--	--

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SA33	Pierce County Fire Dist 5-Station 58	10302 Bujacich Rd NW, Gig Harbor, WA 98332	Southwest Region	Puget Lowland	Burley Creek-Frontal Carr Inlet	Kitsap	Paved	Yes	Yes	Rural, woodland	Unnamed trib to McCormick Creek	--	--	--
SA46	Pierce County Fire Dist 5-Station 51	6711 Kimball Dr, Gig Harbor, WA 98335	Southwest Region	Puget Lowland	Burley Creek-Frontal Carr Inlet	Kitsap	Paved	Yes	Yes	Rural, woodland	--	--	--	--
SD70	Valley Regional Fire Authority	2905 C St SW, Auburn, WA 98001	Northwest Region	Puget Lowland	Mill Creek-Green River	Puyallup - White	Paved	Yes	No	Urban	--	--	--	--
SE21	Tukwila Fire Department	444 Andover Park E, Tukwila, WA 98188	Northwest Region	Puget Lowland	Green River	Duwamish - Green	Paved	Yes	No	Urban	Green River, wetlands	Green River (Duwamish) Winter Steelhead (T)	--	--
SM82	Mountain View Fire and Rescue	32316 148th Ave SE, Auburn, WA 98092	Northwest Region	Puget Lowland	Big Soos Creek	Duwamish - Green	Paved	No	Yes	Natural landscape/forests & fields	--	--	--	--
SO79	Thurston County Fire District 9	125 Delphi Rd NW, Olympia, WA 98502	Southwest Region	Puget Lowland	Beatty Creek-Frontal Eld Inlet	Deschutes	Paved	No	Yes	Natural landscape/forest & fields	Wetlands	--	Little brown bat, yuma myotis	--
TA22	City of Buckley Fire Dept	611 S Division St, Buckley, WA 98321	Southwest Region	Puget Lowland	South Prairie Creek	Puyallup - White	Paved	Yes	No	Natural landscape/forest, fields, right next to a body of water (pond?)	Pond, wetlands	--	Rocky Mountain elk	--
TB56	Pierce County Fire Dist 5	14201 54th Ave NW, Gig Harbor, WA 98332	Southwest Region	Puget Lowland	Burley Creek-Frontal Carr Inlet	Kitsap	Paved	Yes	Yes	Rural, woodland	Unnamed trib to Goodnough Creek	West South Sound Coastal Cutthroat	--	--
TE11	City of Bellevue Fire Department-Station 3	16100 NE 8th St, Bellevue, WA 98008	Northwest Region	Puget Lowland	Lake Washington-Sammamish River	Cedar - Sammamish	Paved	Yes	No	Urban	--	--	--	--

Fire Station ID	Station Name	Address	Ecoregion (WDNR)	Ecoregion (EPA)	Watershed	WRIA	Site Characteristics ¹				Study Area Characteristics ²			
							Substrate	Curbs/Vaults	Vegetated Ditches	Local ecological context	Waters/Wetlands	Aquatic wildlife ³	Terrestrial wildlife	Sensitive Vegetation
TN91	City of Elma	112 N 2nd St, Elma, WA 98541	Southwest Region	Coast Range	Newman Creek-Chehalis River	Lower Chehalis	Paved	Yes	No	Urban	Unnamed trib to Vance Creek (2), McDonal Creek, wetlands	Waterfowl concentrations, Chehalis Coastal Cutthroat (C)	Marbled murrelet, Roosevelt elk, trumpeter swan	--
TU53	Bald Hills Fire District #17	17701 Lawrence Lake Rd SE, Yelm, WA 98597	Southwest Region	Puget Lowland	Lake Lawrence-Deschutes River	Deschutes	Paved	No	Yes	Natural lands/forest & fields	Deschutes River, wetlands	Deschutes Winter Steelhead (T)	--	--
TX35	Cowlitz-Lewis FD #20	801 B St, Vader, WA 98593	Southwest Region	Puget Lowland	Olequa Creek	Cowlitz	Paved	No	Yes	Small town	Olequa Creek, wetlands	Cowlitz Winter Steelhead (T)	Roosevelt elk	--
UD17	Pierce County Fire District 26 (Greenwater)	59705 State Route 410 E, Greenwater, WA 98022	Southwest Region	Cascades	Lower Greenwater River	Puyallup - White	Paved	No	Yes	Natural landscape/forest	White River, wetlands	White River (Puyallup) Winter Steelhead (T)	Elk	--
UE99	WSDOT	1411 Yakima Ave S, Seattle, WA 98144	Northwest Region	Puget Lowland	Lake Washington-Sammamish River	Cedar - Sammamish	Paved	Yes	No	Urban	--	--	--	--
UY58	Pierce County Fire Dist 5	10222 Bujacich Rd NW, Gig Harbor, WA 98332	Southwest Region	Puget Lowland	Burley Creek-Frontal Carr Inlet	Kitsap	Paved	Yes	Yes	Rural, woodland	Unnamed trib to McCormick Creek	--	--	--
VG54	Snohomish County Fire District #15	7812 Water Works Rd, Tulalip, WA 98271	Northwest Region	Puget Lowland	Tulalip Creek-Frontal Possession Sound	Snohomish	Paved	No	Yes	Natural lands/forest & fields	Wetlands	--	--	--
VO77	City of Port Angeles Fire Department	102 E 5th St, Port Angeles, WA 98362	Southwest Region	Puget Lowland	Ennis Creek-Frontal Port Angeles Harbor	Elwha - Dungeness	Paved	Yes	No	Urban	--	--	--	--
VR73	Seattle Children's Hospital	4800 Sand Point Way NE, Seattle, WA 98105	Northwest Region	Puget Lowland	Lake Washington-Sammamish River	Cedar - Sammamish	Paved	Yes	No	Urban	--	--	--	--

Fire Station ID	Station Name	Address	Ecoregion (WDNR)	Ecoregion (EPA)	Watershed	WRIA	Site Characteristics ¹				Study Area Characteristics ²			
							Substrate	Curbs/Vaults	Vegetated Ditches	Local ecological context	Waters/Wetlands	Aquatic wildlife ³	Terrestrial wildlife	Sensitive Vegetation
VT39	South Snohomish County Fire and Rescue RFA	12425 Meridian Ave S, Everett, WA 98208	Northwest Region	Puget Lowland	North Creek	Cedar - Sammamish	Paved	Yes	No	Urban	Wetlands	--	--	--
WH61	Clallam 2 Fire-Rescue	700 Power Plant Rd, Port Angeles, WA 98363	Southwest Region	Puget Lowland	Ennis Creek-Frontal Port Angeles Harbor	Elwha - Dungeness	Paved	Yes	Yes	Urban	Unnamed trib to Dry Creek, wetlands	--	Marbled murrelet, spotted owl	--
WI60	Grandview City Fire Dept	110 Avenue A, Grandview, WA 98930	Central Region	Columbia Plateau	Oleys Lake	Lower Yakima	Paved	Yes	No	Urban	Unnamed trib to Sunnyside Canal	--	--	Shrubsteppe Priority Habitat
WL84	Whatcom County Fire District No. 7	4047 Brown Rd, Ferndale, WA 98248	Northwest Region	Puget Lowland	Terrell Creek-Frontal Birch Bay	Nooksack	Paved	No	No	Urban	Unnamed trib to Terrel Creek (2), wetlands	North Puget Sound Tribs Coho (C), Winter Steelhead	--	--
WU92	Skagit County Fire District 19	10914 Alfred Street, Rockport, WA 98283	Northwest Region	North Cascades	Aldon Creek-Skagit River	Upper Skagit	Gravel	No	Yes	Natural landscape/forest	Unnamed trib to Skagit River (3)	Cascade Winter Steelhead (T)	--	--
WX37	Skagit County Fire District No. 6	16220 Peterson Rd, Burlington, WA 98233	Northwest Region	Puget Lowland	Joe Leary Slough-Frontal Padilla Bay	Lower Skagit - Samish	Paved	Yes	No	Rural, grassland/ag	Wetlands	--	--	--
XJ45	Oak Harbor Fire Department	855 E Whidbey Ave, Oak Harbor, WA 98277	Northwest Region	Puget Lowland	Whidbey Island-Frontal Saratoga Passage	Island	Paved	Yes	No	Urban	--	--	California myotis	--
XL56	South Bay Fire Department	3506 Shincke Rd NE, Olympia, WA 98506	Southwest Region	Puget Lowland	Woodland Creek-Frontal Henderson Inlet	Deschutes	Paved	Yes	Yes	Natural landscape/forests & fields	Unnamed trib to Woodard Creek, wetlands	--	--	--
XM46	Pierce County Fire Dist 5	3828 62nd Avenue Ct NW, Gig Harbor, WA 98335	Southwest Region	Puget Lowland	Burley Creek-Frontal Carr Inlet	Kitsap	Paved	Yes	Yes	Natural lands/forest	--	--	--	--

Fire Station ID	Station Name	Address	Ecoregion (WDNR)	Ecoregion (EPA)	Watershed	WRIA	Site Characteristics ¹				Study Area Characteristics ²			
							Substrate	Curbs/Vaults	Vegetated Ditches	Local ecological context	Waters/Wetlands	Aquatic wildlife ³	Terrestrial wildlife	Sensitive Vegetation
XU71	West Mason Fire Mason County	4650 W Dayton Airport Rd, Shelton, WA 98584	Southwest Region	Puget Lowland	Goldsborough Creek	Kennedy - Goldsborough	Paved	No	Yes	Natural lands/forest, fields	North Fork Goldsborough Creek, wetlands	Hammersley Inlet Winter Steelhead (T)	--	--
XZ73	Spokane County Fire District 11-Only Open Field	16005 S Harvard Rd, Rockford, WA 99030	Eastern Region	Columbia Plateau	Mica Creek	Hangman	Paved	Yes	No	Small town within a wider natural landscape	Unnamed trib to Mica Creek, wetlands	--	Northwest white-tailed deer, Rocky Mountain elk	Shrub steppe Priority Habitat
YB14	Burlington Fire Dept.	350 E Sharon Ave, Burlington, WA 98233	Northwest Region	Puget Lowland	Skagit River	Lower Skagit - Samish	Paved	Yes	No	Urban	--	--	--	--
YR16	Mercer Island Fire Department	3030 78th Ave SE, Mercer Island, WA 98040	Northwest Region	Puget Lowland	Lake Washington-Sammamish River	Cedar - Sammamish	Paved	No	No	Urban	--	--	--	--
ZF47	Anacortes Fire Department - Public Works	2201 37th St, Anacortes, WA 98221	Northwest Region	Puget Lowland	Fidalgo Island-Frontal Padilla Bay	Lower Skagit - Samish	Paved	Yes	No	Urban	--	Abalone	Marbled murrelet, Yuma myotis, California myotis	--
ZL23	Tacoma Fire Department Vehicle Maintenance Shop	3401 S Orchard St, Tacoma, WA 98466	Southwest Region	Puget Lowland	Chambers Creek	Chambers - Clover	Paved	Yes	Yes	Urban, industrial	--	--	--	--
ZT82	Port of Bellingham/Bellingham International Airport	2005 W Bakerview Rd, Bellingham, WA 98226	Northwest Region	Puget Lowland	Silver Creek	Nooksack	Paved	Yes	No	Urban	Wetlands	--	--	--

Table Notes:

¹ Site characteristics were identified using Google Earth and Google Street View.

² Characteristics of the surrounding habitat were identified using geospatial information system (GIS) analysis for areas within a 0.25-mile buffer of the site.

³ (T) = Threatened; (C) = Candidate.

DATA SOURCES: National Hydrography Dataset (USGS 2022), National Wetland Inventory (USFWS 2018), Watershed Boundary Dataset (USGS 2018), Wetlands of High Conservation Value (WADNR 2022), Priority Habitats and Species (WDFW 2022), Washington Natural Heritage Program Element Occurrences (WNHP 2022), Washington Water Resource Inventory Areas (WAECY 2015).

Table A.4-2: Characteristics of 10 Day Hold Sites

Storage Site Name	Ecoregion (WDNR)	Ecoregion (EPA)	Watershed	Site Characteristics ¹				Study Area Characteristics ²			
				Substrate	Curbs/Vaults	Vegetated Ditches	Local ecological context	Waters/Wetlands	Aquatic wildlife ³	Terrestrial wildlife	Sensitive Vegetation
Clackamas Facility	--	Site in Oregon	Rock Creek-Clackamas River	Pavement	Yes	No	Industrial landscape, ornamental vegetation	--	--	--	--
Seattle WWTF	Southwest Region	Puget Lowland	City of Tacoma-Frontal Commencement Bay	Pavement	No	No	Industrial landscape, ornamental vegetation	Commencement Bay 0.09 miles west of site; wetlands	--	--	--
Seattle Branch	Southwest Region	Puget Lowland	Hylebos Creek-Frontal Commencement Bay	Pavement	Yes	No	Industrial landscape, ornamental vegetation, near waterway	--	--	--	--
Pasco Facility Clean Harbors	Eastern Region	Columbia Plateau	City of Kennewick-Columbia River	Gravel	No	No	Industrial/Agricultural landscape, ornamental vegetation	--	Waterfowl Concentration Area	--	Shrub steppe Priority Habitat
Kent Facility	Northwest Region	Puget Lowland	Mill Creek-Green River	Pavement	Yes	No	Industrial site within a wider context of natural landscape	Green River 0.13 miles west of site; wetlands	Green (Duwamish) Dolly Varden/Bull Trout (T) Green River (Duwamish) Chinook (T) Green River (Duwamish) Summer Steelhead (T) Green River (Duwamish) Winter Steelhead (T) Green River/Soos Creek Coho (C) Pink Salmon Sockeye Salmon Crisp Creek Fall Chum Duwamish Green Fall Chum Resident Coastal Cutthroat	--	--

Storage Site Name	Ecoregion (WDNR)	Ecoregion (EPA)	Watershed	Site Characteristics ¹				Study Area Characteristics ²			
				Substrate	Curbs/Vaults	Vegetated Ditches	Local ecological context	Waters/Wetlands	Aquatic wildlife ³	Terrestrial wildlife	Sensitive Vegetation
Spokane Facility	Eastern Region	Northern Rockies	Chester Creek-Spokane River	Pavement	Yes	No	Industrial, little/no vegetation, adjacent to small retention pond.	Retention pond 0.12 miles east of site	--	--	--
NRC Environmental-Seattle	Northwest Region	Puget Lowland	Shell Creek-Frontal Puget Sound	Pavement	Yes	No	Industrial, located at Point Wells on Puget Sound, forest area nearby, wetlands on site	Wetlands	Pacific sand lance spawning habitat; surf smelt spawning habitat	--	--
US Ecology Seattle	Northwest Region	Puget Lowland	Green River	Pavement	Yes		Industrial landscape, ornamental vegetation, grassland present north and northeast of site	Unnamed intermittent trib. to Duwamish River	Cutthroat trout	--	--
Pasco Facility US Ecology	Eastern Region	Columbia Plateau	City of Kennewick-Columbia River	Gravel	Yes	Yes	Industrial site adjacent to agriculture area	--	--	Burrowing owl	Shrub steppe Priority Habitat
NRC Environmental-Spokane	Eastern Region	Northern Rockies	Chester Creek-Spokane River	Pavement/Gravel	Yes	No	Industrial land uses, ornamental vegetation	--	--	--	--
Emerald Services-Seattle (Marginal Way)	Northwest Region	Puget Lowland	Green River	Pavement	Yes	No	Industrial land use, little/no vegetation	Duwamish River approx. 0.24 mi southwest of site; PHS Esturine Zone	Green (Duwamish) Dolly Varden/Bull Trout (T) Green River (Duwamish) Chinook (T) Green River (Duwamish) Summer Steelhead (T) Green River (Duwamish) Winter Steelhead (T) Green River Soos Creek Coho (C) Pink Salmon Sockeye Salmon Crisp Creek Fall Chum Duwamish Green Fall Chum Resident Coastal Cutthroat	--	--

Storage Site Name	Ecoregion (WDNR)	Ecoregion (EPA)	Watershed	Site Characteristics ¹				Study Area Characteristics ²			
				Substrate	Curbs/Vaults	Vegetated Ditches	Local ecological context	Waters/Wetlands	Aquatic wildlife ³	Terrestrial wildlife	Sensitive Vegetation
Emerald Services-Vancouver WA	Southwest Region	Willamette Valley	Lake River-Frontal Columbia River	Gravel/Pavement	No	No	Industrial area, ruderal vegetation, landscaping	--	--	--	Oregon white oak Priority Habitat
Milton Facility US Ecology	Southwest Region	Puget Lowland	Hylebos Creek-Frontal Commencement Bay	Gravel	No	Yes	Semi-industrial area between Interstate 5 and West Hylebos greenbelt, conifer forest borders site on north, west, south	West Hylebos Creek within 250 feet; wetlands	Puyallup Coho (C) Hylebos Creek Chum Salmon Fall Chinook Pink Salmon Winter Steelhead	--	--
Emerald Services-Spokane Valley WA	Eastern Region	Northern Rockies	Chester Creek-Spokane River	Pavement	No	No	Industrial land uses	--	--	--	Shrub steppe Priority Habitat
Heritage Crystal Clean Lakewood	Southwest Region	Puget Lowland	Chambers Creek	Pavement	No	No	Industrial land uses	Wetland Priority Habitat (Chambers Creek)	--	--	
Emerald Services-Seattle (Airport Way)	Northwest Region	Puget Lowland	Shell Creek-Frontal Puget Sound	Gravel	Yes	No	Industrial land uses, next to I-5, ornamental landscaping along street	--	--	--	East Duwamish Greenbelt Priority Habitat

Table Notes:

¹ Site characteristics were identified using Google Earth and Google Street View.

² Characteristics of the surrounding habitat were identified using geospatial information system (GIS) analysis for areas within a 0.25-mile buffer of the site.

³ (T) = Threatened; (C) = Candidate

DATA SOURCES: 2019 National Land Cover Database (Dewitz and USGS 2021), National Hydrography Dataset (USGS 2022), National Wetland Inventory (USFWS 2018), Wetlands of High Conservation Value (WADNR 2022), Priority Habitats and Species (WDFW 2022), Washington Natural Heritage Program Element Occurrences (WNHP 2022).

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