

2019 Freshwater Emergent Weed Monitoring Report

For

Herbicide Applications to Freshwater Emergent Noxious and Quarantine Weeds
performed under the Noxious Weed National Pollutant Discharge Elimination
System (NPDES) Permit WAG993000

Prepared by

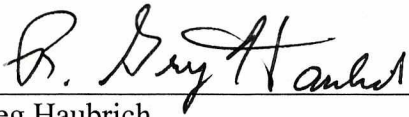
Washington State Department of Agriculture
Pest Program
January 2020

NPDES WAG993000 requires that the Washington State Department of Agriculture (WSDA) submit an annual freshwater emergent weed monitoring plan to the Washington State Department of Ecology (WSDOE) and conduct monitoring as necessary.

WSDA proposed to monitor bispyribac-sodium, carfentrazone-ethyl, flumioxazin or penoxsulam treatments if these active ingredients were used under the permit in 2019. No applications of these ingredients occurred under the permit in 2019.

Signatory Page

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiries of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.



Greg Haubrich
Pest Program Manager
Washington State Department of Agriculture

WA State Department of Agriculture
2019 NPDES Freshwater Emergent Weed Usage Report

Year	Waterbody Name	County	Targeted Plant	Herbicide Used	Amnt Applied	Acres
2019	Yakima River	Benton	Other	Adjuvant(s)	0.7204 Gal	58.5
2019	Yakima River	Benton	Other	Glyphosate	0.7875 Gal	58.5
2019	Columbia River	Chelan	Other	Triclopyr TEA	12.1405 Gal	1
2019	Columbia River	Chelan	Yellow Flag Iris	Glyphosate	6.0500 Gal	4.375
2019	Columbia River (Entiat & Vicinity)	Chelan	Knotweeds	Imazapyr	0.0687 Gal	0.0005
2019	Columbia River (Wenatchee & Vicinity)	Chelan	Knotweeds	Imazapyr	0.0687 Gal	0.0977
2019	Lake Chelan Drainage	Chelan	Knotweeds	Imazapyr	0.0053 Gal	0.0075
2019	Wenatchee River (Mission Creek)	Chelan	Knotweeds	Imazapyr	0.0137 Gal	0.0195
2019	Wenatchee River Mainstem	Chelan	Knotweeds	Imazapyr	0.4412 Gal	0.6275
2019	Wenatchee River Tribs	Chelan	Knotweeds	Imazapyr	0.2741 Gal	0.3897
2019	Big River	Clallam	Knotweeds	Glyphosate	0.0300 Gal	0.8
2019	Big River	Clallam	Knotweeds	Imazapyr	0.0040 Gal	0.8
2019	Big River	Clallam	Knotweeds	Adjuvant(s)	0.0080 Gal	0.8
2019	Big River	Clallam	Reed Canary Grass	Glyphosate	1.2900 Gal	15.96
2019	Big River	Clallam	Reed Canary Grass	Adjuvant(s)	0.9400 Gal	15.96
2019	Bogachiel River	Clallam	Yellow Flag Iris	Imazapyr	0.0010 Gal	0.001
2019	Bogachiel River	Clallam	Yellow Flag Iris	Adjuvant(s)	0.0020 Gal	0.001
2019	Bogachiel River	Clallam	Reed Canary Grass	Glyphosate	0.0010 Gal	0.0092
2019	Bogachiel River	Clallam	Reed Canary Grass	Adjuvant(s)	0.0020 Gal	0.0092
2019	Bogachiel River	Clallam	Knotweeds	Imazapyr	0.0125 Gal	0.2529
2019	Bogachiel River	Clallam	Knotweeds	Adjuvant(s)	0.0250 Gal	0.2529
2019	Bogachiel River	Clallam	Other	Glyphosate	0.2003 Gal	0.7725
2019	Bogachiel River	Clallam	Other	Adjuvant(s)	0.0300 Gal	0.9588
2019	Bogachiel River	Clallam	Knotweeds	Glyphosate	0.6300 Gal	2.5
2019	Calawah River	Clallam	Other	Glyphosate	0.0466 Gal	0.0323
2019	Dickey River	Clallam	Knotweeds	Imazapyr	0.7300 Gal	4
2019	Dungeness	Clallam	Knotweeds	Glyphosate	2.9100 Gal	32.39
2019	Dungeness	Clallam	Knotweeds	Adjuvant(s)	0.3000 Gal	32.39
2019	Dungeness River	Clallam	Knotweeds	Triclopyr TEA	0.3300 Gal	2
2019	Dungeness River	Clallam	Other	Aminopyralid	0.0270 Gal	2
2019	Dungeness River	Clallam	Knotweeds	Imazapyr	0.0075 Gal	2.02
2019	East Lee's Creek	Clallam	Knotweeds	Imazapyr	0.0058 Gal	42.07
2019	Elwha River watershed	Clallam	Other	Aminopyralid	0.0078 Gal	60
2019	Elwha River watershed	Clallam	Reed Canary Grass	Glyphosate	0.7000 Gal	114.5
2019	Ennis Creek	Clallam	Knotweeds	Imazapyr	0.1420 Gal	189.8
2019	Hoko River	Clallam	Knotweeds	Imazapyr	0.1150 Gal	84.68
2019	Lee's Creek	Clallam	Knotweeds	Imazapyr	0.0003 Gal	2.11
2019	Morse Creek	Clallam	Knotweeds	Imazapyr	0.0075 Gal	0.28
2019	Quillayute River	Clallam	Knotweeds	Imazapyr	0.8200 Gal	4.5
2019	Sol Duc	Clallam	Knotweeds	Glyphosate	0.1300 Gal	0.5
2019	Umbrella Creek	Clallam	Knotweeds	Glyphosate	0.0700 Gal	0.1
2019	Umbrella Creek	Clallam	Knotweeds	Imazapyr	0.0100 Gal	0.1
2019	Umbrella Creek	Clallam	Knotweeds	Adjuvant(s)	0.0200 Gal	0.1
2019	Valley Creek	Clallam	Knotweeds	Imazapyr	0.0180 Gal	4.88
2019	Basket Creek	Clark	Knotweeds	Imazapyr	0.0140 Gal	0.0005
2019	Basket Creek	Clark	Knotweeds	Adjuvant(s)	0.0070 Gal	0.0005
2019	Basket Creek	Clark	Knotweeds	Glyphosate	0.0310 Gal	0.0028
2019	Columbia River	Clark	Other	Glyphosate	0.0600 Gal	0.05
2019	Columbia River	Clark	Other	Imazapyr	0.0300 Gal	0.06
2019	Columbia River	Clark	Other	Adjuvant(s)	0.0240 Gal	0.06

2019	Columbia River	Clark	Poison Hemlock	Triclopyr TEA	0.0360 Gal	0.34
2019	Columbia River	Clark	Poison Hemlock	Adjuvant(s)	0.0180 Gal	0.34
2019	Cougar Creek	Clark	Knotweeds	Imazapyr	0.0185 Gal	0.0954
2019	Cougar Creek	Clark	Knotweeds	Adjuvant(s)	0.0100 Gal	0.0954
2019	Curtin Creek	Clark	Knotweeds	Glyphosate	0.0300 Gal	0.05
2019	East Fork Lewis River	Clark	Knotweeds	Imazapyr	0.8600 Gal	4.5
2019	East Fork Lewis River	Clark	Knotweeds	Glyphosate	14.9700 Gal	10.23
2019	East Fork Lewis River	Clark	Knotweeds	Adjuvant(s)	0.9400 Gal	10.23
2019	East Fork Lewis River	Clark	Other	Glyphosate	12.5000 Gal	40.05
2019	East Fork Lewis River	Clark	Other	Triclopyr TEA	7.8220 Gal	52.015
2019	East Fork Lewis River	Clark	Other	Adjuvant(s)	6.9100 Gal	80.015
2019	McCormick Creek	Clark	Other	Triclopyr TEA	4.1400 Gal	50
2019	McCormick Creek	Clark	Other	Glyphosate	19.3000 Gal	68
2019	McCormick Creek	Clark	Other	Adjuvant(s)	8.8300 Gal	138
2019	Mill Creek	Clark	Knotweeds	Imazapyr	0.0100 Gal	0.05
2019	Mill Creek	Clark	Knotweeds	Adjuvant(s)	0.0100 Gal	0.05
2019	Morgan Creek	Clark	Knotweeds	Glyphosate	0.0200 Gal	0.019
2019	Morgan Creek	Clark	Knotweeds	Adjuvant(s)	0.0200 Gal	0.019
2019	Mud Creek	Clark	Knotweeds	Glyphosate	0.0010 Gal	0.003
2019	Reinhardt Creek	Clark	Knotweeds	Imazapyr	0.0400 Gal	0.44
2019	Reinhardt Creek	Clark	Knotweeds	Glyphosate	0.2900 Gal	0.44
2019	Reinhardt Creek	Clark	Knotweeds	Adjuvant(s)	0.4700 Gal	0.44
2019	Salmon Creek	Clark	Knotweeds	Glyphosate	0.0500 Gal	0.05
2019	Salmon Creek	Clark	Knotweeds	Imazapyr	1.0000 Gal	0.6
2019	Salmon Creek	Clark	Knotweeds	Adjuvant(s)	0.2700 Gal	0.6
2019	Salmon Creek	Clark	Other	Glyphosate	2.0300 Gal	10
2019	Salmon Creek	Clark	Other	Triclopyr TEA	2.6950 Gal	25.33
2019	Salmon Creek	Clark	Other	Adjuvant(s)	1.4650 Gal	25.33
2019	unnamed trib	Clark	Other	Imazapyr	0.0200 Gal	0.02
2019	unnamed trib	Clark	Other	Adjuvant(s)	0.0020 Gal	0.02
2019	unnamed trib	Clark	Knotweeds	Imazapyr	0.1000 Gal	0.06
2019	unnamed trib	Clark	Knotweeds	Glyphosate	0.1400 Gal	0.1
2019	Washougal River	Clark	Knotweeds	Imazapyr	1.7500 Gal	0.45
2019	Washougal River	Clark	Other	Glyphosate	5.6000 Gal	0.66
2019	Washougal River	Clark	Other	Triclopyr TEA	49.6700 Gal	1.15
2019	Woodin Creek	Clark	Other	Glyphosate	7.1800 Gal	43
2019	Woodin Creek	Clark	Other	Triclopyr TEA	6.0200 Gal	66
2019	Woodin Creek	Clark	Other	Adjuvant(s)	7.3300 Gal	143
2019	Yacolt Creek	Clark	Other	Adjuvant(s)	0.0100 Gal	0.02
2019	Yacolt Creek	Clark	Other	Imazapyr	0.0100 Gal	0.02
2019	Yacolt Creek	Clark	Knotweeds	Glyphosate	0.2000 Gal	0.22
2019	Yacolt Creek	Clark	Knotweeds	Imazapyr	0.1300 Gal	0.92
2019	Yacolt Creek	Clark	Knotweeds	Adjuvant(s)	0.3300 Gal	1.11
2019	Abernethy Creek	Cowlitz	Knotweeds	Glyphosate	0.3594 Gal	8.05
2019	Abernethy Creek	Cowlitz	Knotweeds	Imazapyr	0.2031 Gal	8.05
2019	Abernethy Creek	Cowlitz	Knotweeds	Adjuvant(s)	0.2031 Gal	8.05
2019	Silver Lake	Cowlitz	Loosestrife	Imazapyr	0.0313 Gal	3
2019	Silver Lake	Cowlitz	Loosestrife	Adjuvant(s)	0.0313 Gal	3
2019	Various Streams	Cowlitz	Knotweeds	Adjuvant(s)	0.0078 Gal	0.14
2019	Various Streams	Cowlitz	Knotweeds	Glyphosate	0.0156 Gal	0.14
2019	Columbia River	Douglas	Loosestrife	Imazapyr	0.4140 Gal	1.66
2019	West Foster Creek	Douglas	Reed Canary Grass	Glyphosate	0.1720 Gal	1.31
2019	West Foster Creek	Douglas	Reed Canary Grass	Adjuvant(s)	0.0250 Gal	1.31

2019	Burkett Lake	Grant	Loosestrife	Imazapyr	0.6360 Gal	2.55
2019	Columbia River	Grant	Loosestrife	Imazapyr	3.1500 Gal	12.6
2019	Evergreen Reservoir	Grant	Loosestrife	Glyphosate	0.7000 Gal	1.4
2019	Evergreen Reservoir	Grant	Loosestrife	Adjuvant(s)	0.0400 Gal	1.4
2019	Frenchman Wasteway	Grant	Phragmites	Glyphosate	142.5000 Gal	285
2019	Frenchman Wasteway	Grant	Phragmites	Adjuvant(s)	142.5000 Lbs	285
2019	Lenice/Merry/Nunnally Lakes	Grant	Phragmites	Adjuvant(s)	52.5000 Lbs	105
2019	Lenice/Merry/Nunnally Lakes	Grant	Phragmites	Glyphosate	52.5000 Gal	105
2019	Moses Lake	Grant	Other	Adjuvant(s)	0.7500 Gal	2
2019	Moses Lake	Grant	Other	Aminopyralid	0.1200 Gal	2
2019	Moses Lake	Grant	Other	2,4-D Amine	0.7500 Gal	2
2019	Moses Lake	Grant	Other	Triclopyr TEA	0.4600 Gal	2
2019	North Potholes Reservoir	Grant	Phragmites	Imazapyr	52.5000 Gal	105
2019	North Potholes Reservoir	Grant	Phragmites	Adjuvant(s)	1.3000 Gal	105
2019	Randy Lake - DNR	Grant	Loosestrife	Glyphosate	5.0000 Gal	10
2019	Winchester Reservoir	Grant	Phragmites	Glyphosate	7.5000 Gal	15
2019	Winchester Reservoir	Grant	Phragmites	Adjuvant(s)	7.5000 Lbs	15
2019	Winchester Wasteway	Grant	Yellow Flag Iris	Glyphosate	0.5000 Gal	0.9
2019	Winchester Wasteway	Grant	Yellow Flag Iris	Adjuvant(s)	0.0300 Gal	0.9
2019	Winchester Wasteway	Grant	Phragmites	Glyphosate	315.0000 Gal	630
2019	Winchester Wasteway	Grant	Phragmites	Imazapyr	78.7500 Gal	630
2019	Winchester Wasteway	Grant	Phragmites	Adjuvant(s)	315.0000 Lbs	630
2019	Chehalis River Surge Plain	Grays Harbor	Yellow Flag Iris	Imazapyr	0.9630 Gal	100
2019	Chehalis River Surge Plain	Grays Harbor	Yellow Flag Iris	Adjuvant(s)	1.0400 Gal	100
2019	Chehalis River Surge Plain	Grays Harbor	Yellow Flag Iris	Glyphosate	1.9125 Gal	100
2019	Grays Harbor	Grays Harbor	Spartina	Adjuvant(s)	0.0038 Gal	1021
2019	Grays Harbor	Grays Harbor	Spartina	Imazapyr	0.0006 Gal	1021
2019	Grays Harbor	Grays Harbor	Spartina	Glyphosate	0.0025 Gal	1021
2019	Grays Harbor North Bay NAP	Grays Harbor	Knotweeds	Adjuvant(s)	0.1000 Gal	50
2019	Grays Harbor North Bay NAP	Grays Harbor	Knotweeds	Glyphosate	0.2000 Gal	50
2019	Grays Harbor North Bay NAP	Grays Harbor	Knotweeds	Imazapyr	0.1000 Gal	50
2019	Wynoochee River	Grays Harbor	Knotweeds	Imazapyr	6.6700 Gal	97.75
2019	Hammons Preserve Wetlands, Whidbey Island	Island	Other	Triclopyr TEA	0.1100 Gal	7
2019	Puget Sound	Island	Spartina	Glyphosate	0.5650 Gal	0.2824
2019	Puget Sound	Island	Spartina	Imazapyr	0.4950 Gal	0.2824
2019	Shoreline at Camano Island SP along Saratoga Passage	Island	Other	Imazapyr	0.0525 Gal	0.03
2019	Skagit Bay	Island	Spartina	Imazapyr	0.5950 Gal	381.4
2019	Skagit Bay	Island	Spartina	Glyphosate	1.3520 Gal	381.4
2019	Useless Bay Golf	Island	Reed Canary Grass	Glyphosate	10.0000 Gal	10
2019	Useless Bay Golf	Island	Reed Canary Grass	Adjuvant(s)	2.0000 Gal	10
2019	Useless Bay Golf Course Drainage Ditches	Island	Reed Canary Grass	Imazamox	2.2500 Gal	3.5
2019	Useless Bay Golf Course Drainage Ditches	Island	Reed Canary Grass	Adjuvant(s)	0.7500 Gal	3.5
2019	Big Quilcene River	Jefferson	Knotweeds	Glyphosate	0.5370 Gal	0.3
2019	Big Quilcene River	Jefferson	Knotweeds	Imazapyr	0.0850 Gal	0.3
2019	Big Quilcene River	Jefferson	Knotweeds	Adjuvant(s)	0.0850 Gal	0.3
2019	Clearwater River	Jefferson	Knotweeds	Adjuvant(s)	0.0009 Gal	0.0059
2019	Clearwater River	Jefferson	Knotweeds	Imazapyr	0.0013 Gal	0.0059
2019	Clearwater River	Jefferson	Reed Canary Grass	Glyphosate	0.0040 Gal	0.0129
2019	Clearwater River	Jefferson	Reed Canary Grass	Adjuvant(s)	0.0060 Gal	0.0129
2019	Clearwater River	Jefferson	Other	Glyphosate	0.0324 Gal	0.0233
2019	Clearwater River	Jefferson	Other	Adjuvant(s)	0.0465 Gal	0.0247
2019	Dosewallips River	Jefferson	Knotweeds	Glyphosate	0.0700 Gal	0.07
2019	Dosewallips River	Jefferson	Knotweeds	Imazapyr	0.0435 Gal	0.07

2019	Dosewallips River	Jefferson	Knotweeds	Adjuvant(s)	0.0435 Gal	0.07
2019	Goodman Creek	Jefferson	Other	Glyphosate	0.0264 Gal	0.1799
2019	Goodman Creek	Jefferson	Other	Imazapyr	0.0976 Gal	0.528
2019	Goodman Creek	Jefferson	Other	Adjuvant(s)	0.3457 Gal	0.7079
2019	Goodman Creek	Jefferson	Reed Canary Grass	Imazapyr	0.2456 Gal	1.4449
2019	Goodman Creek	Jefferson	Reed Canary Grass	Glyphosate	0.3702 Gal	2.4626
2019	Goodman Creek	Jefferson	Reed Canary Grass	Adjuvant(s)	1.4772 Gal	3.9075
2019	Hoh River	Jefferson	Reed Canary Grass	Imazapyr	0.0511 Gal	0.2443
2019	Hoh River	Jefferson	Other	Imazapyr	0.0300 Gal	0.248
2019	Hoh River	Jefferson	Knotweeds	Imazapyr	0.0737 Gal	0.7381
2019	Hoh River	Jefferson	Knotweeds	Adjuvant(s)	0.3626 Gal	0.7381
2019	Hoh River	Jefferson	Reed Canary Grass	Glyphosate	0.1654 Gal	0.8696
2019	Hoh River	Jefferson	Reed Canary Grass	Adjuvant(s)	0.2832 Gal	1.1139
2019	Hoh River	Jefferson	Other	Adjuvant(s)	1.6232 Gal	1.9162
2019	Hoh River	Jefferson	Other	Glyphosate	2.5176 Gal	4.1815
2019	Little Quilcene River	Jefferson	Knotweeds	Glyphosate	0.3440 Gal	0.03
2019	Little Quilcene River	Jefferson	Knotweeds	Imazapyr	0.0110 Gal	0.03
2019	Little Quilcene River	Jefferson	Knotweeds	Adjuvant(s)	0.0110 Gal	0.03
2019	Queets River	Jefferson	Reed Canary Grass	Glyphosate	0.0001 Gal	0.0023
2019	Queets River	Jefferson	Reed Canary Grass	Adjuvant(s)	0.0001 Gal	0.0023
2019	Queets River	Jefferson	Other	Glyphosate	0.0006 Gal	0.0413
2019	Queets River	Jefferson	Other	Adjuvant(s)	0.0004 Gal	0.0413
2019	Quinalt River	Jefferson	Reed Canary Grass	Imazapyr	0.0008 Gal	0.03
2019	Quinalt River	Jefferson	Reed Canary Grass	Glyphosate	0.0453 Gal	1.158
2019	Quinalt River	Jefferson	Reed Canary Grass	Adjuvant(s)	0.0024 Gal	1.158
2019	Snow	Jefferson	Knotweeds	Glyphosate	1.2200 Gal	8.08
2019	Snow	Jefferson	Knotweeds	Adjuvant(s)	0.2100 Gal	8.08
2019	3401 West Valley HYW	King	Reed Canary Grass	Glyphosate	111.0000 Gal	50
2019	3401 West Valley HYW	King	Reed Canary Grass	Adjuvant(s)	18.0000 Gal	50
2019	Allen Lake	King	Yellow Flag Iris	Glyphosate	0.7930 Gal	2.12
2019	Allen Lake	King	Reed Canary Grass	Glyphosate	0.6604 Gal	12
2019	Allen Lake	King	Reed Canary Grass	Adjuvant(s)	0.1321 Gal	12
2019	Ballinger Creek	King	Knotweeds	Imazapyr	0.1300 Gal	2.5
2019	Bear Creek	King	Knotweeds	Imazapyr	0.6300 Lbs	0.3
2019	Bear Creek	King	Knotweeds	Imazapyr	2.1900 Gal	43
2019	Black River	King	Loosestrife	Adjuvant(s)	0.0185 Gal	12.15
2019	Black River	King	Loosestrife	Imazapyr	0.0370 Gal	12.15
2019	Boise Creek	King	Knotweeds	Imazapyr	0.0500 Lbs	0.02
2019	Bow Lake	King	Other	Glyphosate	0.9210 Gal	0.7
2019	Cedar River	King	Knotweeds	Imazapyr	0.0023 Gal	0.1
2019	Cedar River	King	Other	Triclopyr TEA	0.0400 Gal	0.25
2019	Cedar River	King	Other	Imazapyr	0.0020 Gal	0.5
2019	Cedar River	King	Knotweeds	Imazapyr	1.4900 Lbs	0.71
2019	Cedar River	King	Other	Glyphosate	0.5200 Gal	2.5
2019	Cedar River	King	Knotweeds	Imazapyr	3.0500 Gal	176
2019	Cedar River	King	Other	Glyphosate	0.0200 Gal	176
2019	Cedar River	King	Other	Glyphosate	0.2698 Gal	187
2019	Cedar River	King	Other	Adjuvant(s)	0.0674 Gal	187.63
2019	Cedar River	King	Other	Triclopyr TEA	0.1349 Gal	187.63
2019	Cedar River	King	Knotweeds	Imazapyr	1.7300 Gal	268.63
2019	Cedar River	King	Knotweeds	Adjuvant(s)	1.7300 Gal	268.63
2019	Clough Creek	King	Knotweeds	Imazapyr	0.2300 Gal	25.6
2019	Clough Creek	King	Knotweeds	Adjuvant(s)	0.2300 Gal	25.6

2019	Coal Creek	King	Knotweeds	Adjuvant(s)	0.0030 Gal	0.3322
2019	Coal Creek	King	Knotweeds	Imazapyr	0.0119 Gal	0.3322
2019	Duwamish River	King	Knotweeds	Imazapyr	0.1700 Lbs	0.08
2019	Duwamish River	King	Other	Imazapyr	0.0260 Gal	0.517
2019	Duwamish River	King	Other	Glyphosate	0.6650 Gal	1.147
2019	Duwamish River	King	Other	Triclopyr TEA	0.1270 Gal	2.043
2019	Duwamish River	King	Knotweeds	Imazapyr	0.5400 Gal	153.51
2019	Duwamish River	King	Knotweeds	Adjuvant(s)	0.5400 Gal	153.51
2019	Duwamish/Green	King	Other	Glyphosate	0.0700 Gal	0.1
2019	Duwamish/Green	King	Other	Triclopyr TEA	1.5500 Gal	5.6
2019	Duwamish/Green	King	Other	Imazapyr	0.2330 Gal	5.61
2019	Ebright Creek	King	Loosestrife	Adjuvant(s)	0.1927 Gal	3.5813
2019	Ebright Creek	King	Loosestrife	Imazapyr	0.1927 Gal	3.5813
2019	Ellis Creek	King	Knotweeds	Imazapyr	0.0040 Gal	1.36
2019	Ellis Creek	King	Yellow Flag Iris	Glyphosate	0.0148 Gal	1.36
2019	Ellis Creek	King	Knotweeds	Adjuvant(s)	0.0038 Gal	1.36
2019	Forbes Creek	King	Knotweeds	Glyphosate	0.0171 Gal	0.2296
2019	Gilliam Creek	King	Other	Glyphosate	0.1600 Gal	0.2
2019	Gilliam Creek	King	Other	Imazapyr	0.0012 Gal	0.2
2019	Golden Garden hillside seep	King	Other	Adjuvant(s)	0.0600 Gal	23.41
2019	Golden Gardens hilside seep	King	Other	Triclopyr TEA	0.2200 Gal	23.41
2019	Green River	King	Knotweeds	Imazapyr	0.0038 Gal	0.0046
2019	Green River	King	Knotweeds	Adjuvant(s)	0.0038 Gal	0.0046
2019	Green River	King	Other	Triclopyr TEA	0.5900 Gal	2
2019	Green River	King	Other	Glyphosate	2.7800 Gal	4
2019	Green River	King	Other	Imazapyr	0.8200 Gal	4
2019	Green River	King	Yellow Flag Iris	Glyphosate	0.0396 Gal	6.02
2019	Green River	King	Knotweeds	Imazapyr	1.7100 Gal	525.12
2019	Green River	King	Knotweeds	Adjuvant(s)	1.7100 Gal	525.12
2019	Holder Creek	King	Other	Triclopyr TEA	0.0700 Gal	2.2
2019	Holder Creek	King	Other	Adjuvant(s)	0.0053 Gal	4.655
2019	Holder Creek	King	Other	Glyphosate	0.1190 Gal	4.724
2019	Issaquah Creek	King	Knotweeds	Imazapyr	1.4600 Lbs	0.67
2019	Issaquah Creek	King	Other	Triclopyr TEA	0.0500 Gal	0.8
2019	Issaquah Creek	King	Knotweeds	Imazapyr	0.0015 Gal	3.16
2019	Issaquah Creek	King	Knotweeds	Adjuvant(s)	0.0015 Gal	3.16
2019	Issaquah Creek	King	Reed Canary Grass	Imazapyr	0.6200 Gal	31.5
2019	Jenkins Creek	King	Knotweeds	Imazapyr	0.1400 Gal	0.9072
2019	Jenkins Creek	King	Other	Triclopyr TEA	0.3011 Gal	1.026
2019	Jenkins Creek	King	Knotweeds	Adjuvant(s)	0.2411 Gal	1.026
2019	Juanita Creek	King	Other	Glyphosate	0.0200 Gal	0.06
2019	Juanita Creek	King	Other	Imazapyr	0.0100 Gal	0.06
2019	Juanita Creek	King	Knotweeds	Imazapyr	0.0013 Gal	0.1375
2019	Juanita Creek	King	Knotweeds	Adjuvant(s)	0.0003 Gal	0.1375
2019	Juanita Creek	King	Knotweeds	Glyphosate	0.0351 Gal	0.6887
2019	Judd Creek	King	Yellow Flag Iris	Glyphosate	0.0882 Gal	1.55
2019	Judd Creek	King	Knotweeds	Imazapyr	0.0024 Gal	1.649
2019	Judd Creek	King	Knotweeds	Adjuvant(s)	0.0024 Gal	1.649
2019	Kelsey Creek	King	Loosestrife	Adjuvant(s)	0.0040 Gal	0.9183
2019	Kelsey Creek	King	Loosestrife	Triclopyr TEA	0.0059 Gal	0.9183
2019	Kelsey Creek Basin	King	Knotweeds	Glyphosate	3.1300 Lbs	4.61
2019	kelsey Creek Basin	King	Knotweeds	Adjuvant(s)	3.1300 Lbs	4.61
2019	Kimball Creek	King	Other	Glyphosate	0.0100 Gal	0.25

2019	Kimball Creek	King	Knotweeds	Imazapyr	0.1200 Gal	1.5
2019	Kimball Creek	King	Other	Triclopyr TEA	0.1000 Gal	2.6
2019	Lake 12	King	Loosestrife	Adjuvant(s)	0.0086 Gal	0.0391
2019	Lake 12	King	Loosestrife	Imazamox	0.0343 Gal	0.0781
2019	Lake Desire	King	Loosestrife	Imazapyr	0.0053 Gal	0.0138
2019	Lake Desire	King	Loosestrife	Imazamox	0.1263 Gal	0.1318
2019	Lake Desire	King	Loosestrife	Adjuvant(s)	0.0369 Gal	0.1456
2019	Lake Desire, Spring Lake	King	Loosestrife	Imazapyr	0.0200 Lbs	0.01
2019	Lake Dolloff	King	Loosestrife	Triclopyr TEA	0.0032 Gal	0.0346
2019	Lake Dolloff	King	Loosestrife	Adjuvant(s)	0.0021 Gal	0.0346
2019	Lake Kathleen	King	Loosestrife	Adjuvant(s)	0.0158 Gal	0.046
2019	Lake Kathleen	King	Loosestrife	Triclopyr TEA	0.0238 Gal	0.046
2019	Lake Washington	King	Other	Glyphosate	0.0080 Gal	0.005
2019	Lake Washington	King	Loosestrife	Imazapyr	0.0231 Gal	0.0689
2019	Lake Washington	King	Other	Imazapyr	0.0200 Gal	0.15
2019	Lake Washington	King	Loosestrife	Triclopyr TEA	0.0158 Gal	0.3444
2019	Lake Washington	King	Loosestrife	Adjuvant(s)	0.0284 Gal	0.4133
2019	Lake Washington	King	Phragmites	Imazapyr	0.1267 Gal	0.574
2019	Lake Washington	King	Loosestrife	Triclopyr TEA	61.0000 Gal	1
2019	Lake Washington	King	Other	Triclopyr TEA	0.0190 Gal	1.101
2019	Lake Washington	King	Phragmites	Adjuvant(s)	0.1457 Gal	1.148
2019	Lake Washington	King	Other	Glyphosate	1.9230 Gal	6.666
2019	Lake Washington	King	Knotweeds	Imazapyr	0.1040 Gal	13.875
2019	Lake Washington	King	Loosestrife	Triclopyr TEA	0.1390 Gal	14.779
2019	Lake Washington	King	Other	Imazapyr	0.0950 Gal	31.485
2019	LAKE WASHINGTON/CEDAR/SAMMAMISH	King	Other	Glyphosate	1.0500 Gal	64
2019	LAKE WASHINGTON/CEDAR/SAMMAMISH	King	Other	Triclopyr TEA	5.4300 Gal	64.07
2019	LAKE WASHINGTON/CEDAR/SAMMAMISH	King	Other	Imazapyr	1.0320 Gal	64.07
2019	Lewis Creek	King	Knotweeds	Adjuvant(s)	0.0911 Gal	0.87
2019	Lewis Creek	King	Knotweeds	Triclopyr TEA	0.0792 Gal	0.87
2019	Lewis Creek	King	Knotweeds	Glyphosate	0.1585 Gal	0.87
2019	Little Bear Creek	King	Other	Triclopyr TEA	0.1500 Gal	8.5
2019	Little Bear Creek	King	Knotweeds	Imazapyr	0.2300 Gal	8.7
2019	Little Lake	King	Yellow Flag Iris	Imazapyr	0.6300 Lbs	0.3
2019	Longfellow Creek	King	Knotweeds	Imazapyr	0.0106 Gal	0.0916
2019	Longfellow Creek	King	Knotweeds	Adjuvant(s)	0.0026 Gal	0.0916
2019	Longfellow Creek	King	Other	Adjuvant(s)	0.0111 Gal	0.225
2019	Longfellow Creek	King	Other	Triclopyr TEA	0.0148 Gal	0.225
2019	Longfellow Creek	King	Other	Imazapyr	0.0400 Gal	0.25
2019	Luther Burbank Park, North Wetlands	King	Knotweeds	Glyphosate	0.0001 Gal	0.0002
2019	Luther Burbank Park, North Wetlands	King	Knotweeds	Adjuvant(s)	0.0001 Gal	0.0002
2019	Luther Burbank Park, North Wetlands	King	Yellow Flag Iris	Glyphosate	0.0066 Gal	0.0034
2019	Luther Burbank Park, North Wetlands	King	Yellow Flag Iris	Adjuvant(s)	0.0026 Gal	0.0034
2019	Luther Burbank Park, North Wetlands	King	Loosestrife	Imazapyr	0.0030 Gal	0.069
2019	Luther Burbank Park, North Wetlands	King	Loosestrife	Adjuvant(s)	0.0040 Gal	0.069
2019	Luther Burbank Park, South Wetlands	King	Knotweeds	Imazapyr	0.0001 Gal	0.0011
2019	Luther Burbank Park, South Wetlands	King	Knotweeds	Adjuvant(s)	0.0001 Gal	0.0011
2019	Luther Burbank Park, South Wetlands	King	Yellow Flag Iris	Glyphosate	0.0281 Gal	0.017
2019	Luther Burbank Park, South Wetlands	King	Yellow Flag Iris	Adjuvant(s)	0.0112 Gal	0.017
2019	Luther Burbank Park, South Wetlands	King	Loosestrife	Triclopyr TEA	0.0018 Gal	0.021
2019	Luther Burbank Park, South Wetlands	King	Loosestrife	Imazapyr	0.0109 Gal	0.0918
2019	Luther Burbank Park, South Wetlands	King	Loosestrife	Adjuvant(s)	0.0200 Gal	0.1125
2019	Lyon Creek	King	Knotweeds	Imazapyr	0.0073 Gal	0.8048

2019	Lyon Creek	King	Knotweeds	Adjuvant(s)	0.0028 Gal	0.8048
2019	Maloney Creek	King	Knotweeds	Glyphosate	0.2200 Gal	12
2019	Maloney Creek	King	Knotweeds	Adjuvant(s)	0.0400 Gal	12
2019	Maple Creek	King	Knotweeds	Imazapyr	0.2200 Gal	0.11
2019	Maple Creek	King	Knotweeds	Adjuvant(s)	0.2200 Gal	0.11
2019	May Creek	King	Knotweeds	Imazapyr	1.3700 Lbs	0.64
2019	McAleer Creek	King	Knotweeds	Imazapyr	0.0002 Gal	0.4009
2019	McAleer Creek	King	Knotweeds	Adjuvant(s)	0.0001 Gal	0.4009
2019	Mercer Slough	King	Loosestrife	Adjuvant(s)	0.0040 Gal	0.023
2019	Mercer Slough	King	Loosestrife	Triclopyr TEA	0.0059 Gal	0.023
2019	Mill Creek	King	Knotweeds	Imazapyr	0.0040 Gal	0.005
2019	Mill Creek	King	Knotweeds	Adjuvant(s)	0.0040 Gal	0.005
2019	Mill Creek	King	Yellow Flag Iris	Glyphosate	0.0400 Gal	6.02
2019	Miller Creek	King	Other	Triclopyr TEA	0.2510 Gal	0.4788
2019	Miller Creek	King	Other	Adjuvant(s)	0.1981 Gal	0.4788
2019	Miller Creek	King	Other	Glyphosate	0.2642 Gal	0.4788
2019	miller creek	King	Other	Glyphosate	0.0020 Gal	1.5
2019	Molendorph Creek	King	Other	Triclopyr TEA	0.0500 Gal	3.4
2019	Molendorph Creek	King	Other	Adjuvant(s)	0.0120 Gal	3.4
2019	Newaukum Creek	King	Other	Glyphosate	0.0416 Gal	0.481
2019	Newaukum Creek	King	Other	Triclopyr TEA	0.0436 Gal	0.6598
2019	Newaukum Creek	King	Knotweeds	Adjuvant(s)	0.0852 Gal	1.141
2019	off channel wetland along the Green River	King	Yellow Flag Iris	Glyphosate	0.0250 Gal	0.13
2019	off channel wetland along the Green River	King	Yellow Flag Iris	Imazapyr	0.0100 Gal	0.13
2019	Panther Lake	King	Loosestrife	Adjuvant(s)	0.0343 Gal	0.0996
2019	Panther Lake	King	Loosestrife	Glyphosate	0.0686 Gal	0.0996
2019	Paradise Lake	King	Loosestrife	Adjuvant(s)	0.0040 Gal	0.0459
2019	Paradise Lake	King	Loosestrife	Triclopyr TEA	0.0119 Gal	0.0459
2019	Paradise Lake	King	Yellow Flag Iris	Adjuvant(s)	0.0713 Gal	1.1478
2019	Paradise Lake	King	Yellow Flag Iris	Imazamox	0.1901 Gal	1.1478
2019	Phantom Lake	King	Loosestrife	Adjuvant(s)	0.0079 Gal	0.0734
2019	Phantom Lake	King	Loosestrife	Imazapyr	0.0079 Gal	0.0734
2019	Pine Lake Creek	King	Other	Triclopyr TEA	0.0013 Gal	0.0912
2019	Pipers Creek	King	Knotweeds	Adjuvant(s)	0.0125 Gal	0.57
2019	Pipers Creek	King	Knotweeds	Triclopyr TEA	0.0581 Gal	0.57
2019	Pipers Creek	King	Knotweeds	Imazapyr	0.0423 Gal	0.5727
2019	pond	King	Loosestrife	Adjuvant(s)	0.0066 Gal	0.2296
2019	pond	King	Loosestrife	Triclopyr TEA	0.0198 Gal	0.2296
2019	Puget Sound	King	Knotweeds	Imazapyr	0.0017 Gal	0.025
2019	Puget Sound	King	Knotweeds	Adjuvant(s)	0.0017 Gal	0.025
2019	Puget Sount	King	Other	Triclopyr TEA	0.0400 Lbs	0.02
2019	Raging River	King	Loosestrife	Adjuvant(s)	0.0020 Gal	0.0069
2019	Raging River	King	Loosestrife	Imazamox	0.0079 Gal	0.0092
2019	Raging River	King	Other	Triclopyr TEA	0.0100 Gal	0.08
2019	Rattlesnake Lake	King	Knotweeds	Imazapyr	0.0141 Gal	1.7
2019	Roaring Creek	King	Knotweeds	Imazapyr	0.0120 Gal	17.6
2019	Roaring Creek	King	Knotweeds	Adjuvant(s)	0.0120 Gal	17.6
2019	Rock Creek	King	Knotweeds	Imazapyr	0.0188 Gal	4.4
2019	Ronald Bog	King	Other	Adjuvant(s)	0.0158 Gal	0.023
2019	Ronald Bog	King	Other	Imazapyr	0.0158 Gal	0.023
2019	Sammamish River	King	Loosestrife	Adjuvant(s)	0.1148 Gal	0.6496
2019	Sammamish River	King	Loosestrife	Imazapyr	0.1148 Gal	0.6496
2019	Sammamish River, Lake Sammamish	King	Loosestrife	Imazapyr	3.6600 Lbs	1.8

2019	Shadow Lake	King	Yellow Flag Iris	Adjuvant(s)	0.2739 Gal	3.3282
2019	Shadow Lake	King	Yellow Flag Iris	Imazamox	0.6571 Gal	3.3282
2019	Skykomish River	King	Knotweeds	Imazapyr	0.0049 Gal	0.03
2019	Skykomish River	King	Knotweeds	Adjuvant(s)	0.0039 Gal	0.03
2019	Skykomish River - South Fork	King	Knotweeds	Glyphosate	4.6800 Gal	159
2019	Skykomish River - South Fork	King	Knotweeds	Imazapyr	1.8700 Gal	392.5
2019	Skykomish River - South Fork	King	Knotweeds	Adjuvant(s)	2.8100 Gal	551.5
2019	Snohomish River	King	Other	Glyphosate	0.0320 Gal	0.189
2019	Snohomish River	King	Other	Imazapyr	0.1080 Gal	0.336
2019	Snohomish-Snoqualmie	King	Other	Imazapyr	0.6260 Gal	52
2019	Snoqualmie River	King	Knotweeds	Imazapyr	0.0032 Gal	0.11
2019	Snoqualmie River	King	Knotweeds	Adjuvant(s)	0.0032 Gal	0.11
2019	Snoqualmie River	King	Other	Imazapyr	0.0048 Gal	0.2
2019	Snoqualmie River	King	Loosestrife	Triclopyr TEA	0.0158 Gal	0.4591
2019	Snoqualmie River	King	Knotweeds	Glyphosate	0.1300 Gal	1
2019	Snoqualmie River	King	Reed Canary Grass	Glyphosate	0.1083 Gal	1.81
2019	Snoqualmie River	King	Reed Canary Grass	Adjuvant(s)	0.0310 Gal	1.81
2019	Snoqualmie River	King	Knotweeds	Imazapyr	9.5100 Lbs	4.4
2019	Snoqualmie River	King	Knotweeds	Glyphosate	0.1455 Gal	6.5
2019	Snoqualmie River	King	Loosestrife	Imazamox	0.3089 Gal	7.0487
2019	Snoqualmie River	King	Loosestrife	Adjuvant(s)	0.0825 Gal	7.4909
2019	Snoqualmie River	King	Other	Glyphosate	0.2520 Gal	14.5
2019	Snoqualmie River	King	Knotweeds	Imazapyr	0.4443 Gal	19.08
2019	Snoqualmie River	King	Other	Triclopyr TEA	2.7246 Gal	19.91
2019	Snoqualmie River	King	Other	Adjuvant(s)	2.1835 Gal	20.11
2019	Snoqualmie River	King	Other	Adjuvant(s)	0.0211 Gal	21.809
2019	Snoqualmie River	King	Other	Imazapyr	0.0211 Gal	21.809
2019	Snoqualmie River	King	Knotweeds	Adjuvant(s)	0.3827 Gal	25.58
2019	Snoqualmie River	King	Knotweeds	Imazapyr	1.5700 Gal	125.26
2019	Snoqualmie River	King	Knotweeds	Adjuvant(s)	1.6000 Gal	126.26
2019	Snoqualmie River - Middle Fork	King	Knotweeds	Imazapyr	0.2100 Gal	175.78
2019	Snoqualmie River - Middle Fork	King	Knotweeds	Adjuvant(s)	0.2100 Gal	175.78
2019	Snoqualmie River - South Fork	King	Other	Glyphosate	2.2600 Gal	33.25
2019	Snoqualmie River - South Fork	King	Knotweeds	Imazapyr	3.5900 Gal	366.67
2019	Snoqualmie River - South Fork	King	Knotweeds	Adjuvant(s)	4.1500 Gal	399.92
2019	Soos Creek	King	Loosestrife	Imazapyr	0.4600 Lbs	0.17
2019	Soos Creek	King	Other	Adjuvant(s)	0.0422 Gal	6.8937
2019	Soos Creek	King	Other	Glyphosate	0.1690 Gal	6.8937
2019	Soos Creek	King	Other	Triclopyr TEA	0.0845 Gal	6.8937
2019	Soos Creek	King	Knotweeds	Imazapyr	0.4200 Gal	70.54
2019	Soos Creek	King	Knotweeds	Adjuvant(s)	0.4200 Gal	70.54
2019	South Fork Snoqualmie River	King	Other	Triclopyr TEA	0.0150 Gal	5
2019	South Fork Snoqualmie River	King	Knotweeds	Imazapyr	0.1500 Gal	32.5
2019	Stensland Creek	King	Other	Glyphosate	0.0079 Gal	0.0459
2019	Stensland Creek	King	Other	Adjuvant(s)	0.0079 Gal	0.0459
2019	Stensland Creek	King	Loosestrife	Imazapyr	0.0753 Gal	17.2
2019	Stensland Creek	King	Loosestrife	Adjuvant(s)	0.0251 Gal	17.2
2019	Stensland Creek	King	Yellow Flag Iris	Glyphosate	0.0925 Gal	17.2
2019	Stensland Creek	King	Knotweeds	Glyphosate	0.0400 Gal	17.2
2019	Stensland Creek	King	Knotweeds	Adjuvant(s)	0.0010 Gal	17.2
2019	Taylor (Trib to Issaquah Creek)	King	Knotweeds	Imazapyr	0.1266 Gal	9.3
2019	Taylor Creek	King	Other	Triclopyr TEA	0.0238 Gal	1.06
2019	Taylor Creek	King	Other	Adjuvant(s)	0.0238 Gal	1.06

2019	Taylor Creek	King	Other	Glyphosate	1.4500 Gal	1.189
2019	Taylor Creek	King	Other	Adjuvant(s)	0.6855 Gal	1.189
2019	Thornton Creek	King	Knotweeds	Imazapyr	0.0066 Gal	0.0802
2019	Thornton Creek	King	Knotweeds	Adjuvant(s)	0.0017 Gal	0.0802
2019	Tibbetts Creek	King	Other	Glyphosate	0.0400 Gal	2.4
2019	Tye River	King	Knotweeds	Glyphosate	0.0300 Gal	45
2019	Tye River	King	Knotweeds	Adjuvant(s)	0.0600 Gal	186
2019	Tye River	King	Knotweeds	Imazapyr	0.0500 Gal	186
2019	Unnamed tributary to Lake Washington	King	Knotweeds	Imazapyr	0.0026 Gal	0.559
2019	Unnamed tributary to Lake Washington	King	Knotweeds	Adjuvant(s)	0.0007 Gal	0.559
2019	Vashon/Puget Sound	King	Other	Glyphosate	2.1000 Gal	32.52
2019	Vashon/Puget Sound	King	Other	Triclopyr TEA	2.1600 Gal	32.52
2019	Vashon/Puget Sound	King	Other	Imazapyr	0.2840 Gal	32.52
2019	Villa Marina Creek	King	Other	Triclopyr TEA	0.0423 Gal	0.2451
2019	Villa Marina Creek	King	Other	Adjuvant(s)	0.0211 Gal	0.2451
2019	Wetland	King	Loosestrife	Adjuvant(s)	0.0053 Gal	0.0115
2019	Wetland	King	Loosestrife	Imazapyr	0.0053 Gal	0.0115
2019	wetland	King	Knotweeds	Imazapyr	0.0026 Gal	0.05
2019	wetland	King	Knotweeds	Adjuvant(s)	0.0026 Gal	0.05
2019	Wetland	King	Other	Adjuvant(s)	0.0132 Gal	0.093
2019	Wetland	King	Other	Glyphosate	0.0264 Gal	0.093
2019	Wetland adjacent to Kelsey Creek	King	Loosestrife	Glyphosate	32.0000 Gal	1.25
2019	Wetland adjacent to tributaries of Barnacle Creek	King	Knotweeds	Glyphosate	4.2500 Gal	0.25
2019	Wetland adjacent to tributaries to Little Swamp Creek	King	Poison Hemlock	Glyphosate	20.0000 Gal	1
2019	Wetland adjacent to tributaries to the White River	King	Other	Glyphosate	4.0000 Gal	0.55
2019	Big Anderson Creek	Kitsap	Knotweeds	Adjuvant(s)	0.3150 Gal	0.6
2019	Big Anderson Creek	Kitsap	Knotweeds	Glyphosate	0.3750 Gal	0.6
2019	Big Anderson Creek	Kitsap	Knotweeds	Imazapyr	0.3150 Gal	0.6
2019	Chico creek	Kitsap	Knotweeds	Triclopyr TEA	12.0000 Gal	10
2019	ditches in kitsap county	Kitsap	Knotweeds	Triclopyr TEA	6.0000 Gal	10
2019	gorst creek	Kitsap	Knotweeds	Triclopyr TEA	4.0000 Gal	6
2019	Hawely cove Bainbridge Islnd	Kitsap	Loosestrife	Triclopyr TEA	8.0000 Gal	10
2019	Hood Canal	Kitsap	Other	Triclopyr TEA	0.0150 Gal	1.23
2019	port orchard retention pond	Kitsap	Knotweeds	Triclopyr TEA	6.0000 Gal	5
2019	Columbia River	Kittitas	Loosestrife	Imazapyr	0.6760 Gal	2.7
2019	Columbia River and Tributaries	Kittitas	Loosestrife	Imazapyr	2.4200 Gal	9
2019	Reecer Creek Habitat Ponds (Rotary Park)	Kittitas	Loosestrife	Imazapyr	0.0500 Gal	0.15
2019	Yakima River and Tributaries	Kittitas	Loosestrife	Imazapyr	0.1250 Gal	0.5
2019	Chehalis River & tributaries	Lewis	Knotweeds	Imazapyr	0.0100 Gal	0.01
2019	Chehalis River & tributaries	Lewis	Loosestrife	Triclopyr TEA	0.0100 Gal	0.01
2019	Chehalis River & tributaries	Lewis	Knotweeds	Adjuvant(s)	0.0100 Gal	0.01
2019	Chehalis River & tributaries	Lewis	Loosestrife	Adjuvant(s)	0.0100 Gal	0.01
2019	Copper Creek	Lewis	Knotweeds	Adjuvant(s)	0.0053 Gal	0.0053
2019	Copper Creek	Lewis	Knotweeds	Imazapyr	0.0053 Gal	0.0086
2019	Cowlitz River	Lewis	Other	Adjuvant(s)	0.0100 Gal	0.01
2019	Cowlitz River	Lewis	Other	Glyphosate	0.0500 Gal	0.05
2019	Cowlitz River & tributaries	Lewis	Knotweeds	Imazapyr	0.0100 Gal	0.01
2019	Cowlitz River & tributaries	Lewis	Knotweeds	Adjuvant(s)	0.0100 Gal	0.01
2019	Mineral Creek	Lewis	Knotweeds	Adjuvant(s)	0.9047 Gal	2
2019	Mineral Creek	Lewis	Knotweeds	Imazapyr	0.9047 Gal	2
2019	Nisqually River	Lewis	Knotweeds	Glyphosate	0.0500 Gal	0.25
2019	Nisqually River	Lewis	Knotweeds	Adjuvant(s)	0.1641 Gal	0.3766
2019	Nisqually River	Lewis	Knotweeds	Imazapyr	0.1641 Gal	0.3766

2019	Private Farm Pond	Lewis	Loosestrife	Imazapyr	0.5000 Gal	1
2019	Roundtop Creek	Lewis	Knotweeds	Adjuvant(s)	0.4332 Gal	1.001
2019	Roundtop Creek	Lewis	Knotweeds	Imazapyr	0.4332 Gal	1.001
2019	Dewatto River	Mason	Knotweeds	Glyphosate	0.7500 Gal	0.28
2019	Dewatto River	Mason	Knotweeds	Imazapyr	0.1600 Gal	0.28
2019	Dewatto River	Mason	Knotweeds	Adjuvant(s)	0.1600 Gal	0.28
2019	Hood Canal Watershed Miscellaneous	Mason	Knotweeds	Glyphosate	1.1086 Gal	2.45
2019	Hood Canal Watershed Miscellaneous	Mason	Knotweeds	Imazapyr	0.4375 Gal	2.45
2019	Hood Canal Watershed Miscellaneous	Mason	Knotweeds	Adjuvant(s)	0.4375 Gal	2.45
2019	Tahuya River	Mason	Knotweeds	Glyphosate	0.3398 Gal	0.83
2019	Tahuya River	Mason	Knotweeds	Imazapyr	0.1075 Gal	0.83
2019	Tahuya River	Mason	Knotweeds	Adjuvant(s)	0.1075 Gal	0.83
2019	Union River	Mason	Other	Triclopyr TEA	0.0450 Gal	0.1
2019	Union River	Mason	Knotweeds	Glyphosate	0.6120 Gal	1.68
2019	Union River	Mason	Knotweeds	Imazapyr	0.1550 Gal	1.68
2019	Union River	Mason	Knotweeds	Adjuvant(s)	0.1550 Gal	1.68
2019	Baker Bay Cape Disappointment State Park	Pacific	Yellow Flag Iris	Imazapyr	0.8000 Gal	80
2019	Baker Bay Cape Disappointment State Park	Pacific	Yellow Flag Iris	Adjuvant(s)	0.8000 Gal	80
2019	Baker Bay Cape Disappointment State Park	Pacific	Yellow Flag Iris	Glyphosate	1.6000 Gal	80
2019	East Main Canal	Pacific	Other	Glyphosate	60.0000 Gal	0.6
2019	McGowan Pond	Pacific	Yellow Flag Iris	Imazapyr	8.0000 Gal	0.08
2019	Naselle River	Pacific	Knotweeds	Imazapyr	775.0000 Gal	7.75
2019	North Nemah River	Pacific	Knotweeds	Imazapyr	50.0000 Gal	0.5
2019	South Main Canal	Pacific	Other	Imazapyr	458.0000 Gal	9.16
2019	South Main Canal	Pacific	Other	Glyphosate	700.0000 Gal	14
2019	Willapa Bay	Pacific	Spartina	Imazapyr	0.9000 Gal	0.9
2019	Willapa Bay	Pacific	Spartina	Imazapyr	0.0098 Gal	55
2019	Willapa Bay	Pacific	Spartina	Adjuvant(s)	0.0098 Gal	55
2019	Willapa bay	Pacific	Spartina	Glyphosate	0.0197 Gal	55
2019	Willapa Bay	Pacific	Spartina	Imazapyr	0.0056 Gal	1267
2019	Willapa Bay	Pacific	Spartina	Glyphosate	0.0224 Gal	1267
2019	Willapa Bay	Pacific	Spartina	Adjuvant(s)	0.0169 Gal	1267
2019	Willapa River	Pacific	Knotweeds	Imazapyr	500.0000 Gal	5
2019	Davis Lake & Creek	Pend Oreille	Yellow Flag Iris	Imazapyr	0.0142 Gal	0.0337
2019	Deer Creek	Pend Oreille	Yellow Flag Iris	Glyphosate	0.4431 Gal	0.3667
2019	Fan Lake	Pend Oreille	Loosestrife	Glyphosate	0.0234 Gal	0.0278
2019	Fan Lake	Pend Oreille	Loosestrife	Imazapyr	0.0220 Gal	0.0521
2019	Pend Oreille River	Pend Oreille	Other	Imazapyr	0.0410 Gal	0.0972
2019	Pend Oreille River	Pend Oreille	Reed Canary Grass	Imazapyr	0.0439 Gal	0.1042
2019	Pend Oreille River	Pend Oreille	Yellow Flag Iris	Imazapyr	0.0474 Gal	0.1241
2019	Pend Oreille River	Pend Oreille	Other	Flopyrauxifen-benzyl	0.0226 Gal	0.1805
2019	Pend Oreille River	Pend Oreille	Other	Imazamox	0.0903 Gal	0.1805
2019	Pend Oreille River	Pend Oreille	Other	Glyphosate	21.0498 Gal	12.5362
2019	Chambers Creek Canyon	Pierce	Knotweeds	Glyphosate	0.1000 Gal	0.1
2019	Chambers Creek Canyon	Pierce	Knotweeds	Imazapyr	0.1500 Gal	0.25
2019	Clear Creek	Pierce	Phragmites	Imazapyr	0.1900 Gal	0.703
2019	Clear Creek	Pierce	Other	Glyphosate	0.1000 Gal	1.36
2019	Clear Creek	Pierce	Reed Canary Grass	Glyphosate	0.2300 Gal	9.3
2019	Clear Creek	Pierce	Other	Adjuvant(s)	0.3900 Gal	10.65
2019	Commencement Bay	Pierce	Knotweeds	Imazapyr	0.0150 Gal	0.0458
2019	Commencement Bay	Pierce	Other	Glyphosate	0.0992 Gal	1.2417
2019	Commencement Bay	Pierce	Other	Triclopyr TEA	0.2902 Gal	2.019
2019	First Creek	Pierce	Other	Triclopyr TEA	0.0075 Gal	0.0352

2019	First Creek	Pierce	Poison Hemlock	Glyphosate	0.1050 Gal	0.7352
2019	First Creek	Pierce	Knotweeds	Imazapyr	0.0526 Gal	0.8235
2019	Flett Creek	Pierce	Knotweeds	Imazapyr	0.0075 Gal	0.04
2019	Hylebos Creek	Pierce	Knotweeds	Imazapyr	0.0013 Gal	0.0367
2019	Hylebos Creek	Pierce	Other	Glyphosate	0.1800 Gal	0.2174
2019	Joe's Creek	Pierce	Knotweeds	Imazapyr	0.0038 Gal	0.0091
2019	Joe's Creek	Pierce	Other	Triclopyr TEA	0.0596 Gal	0.3558
2019	Lake Kapowsin	Pierce	Other	Triclopyr TEA	0.9400 Gal	3
2019	Lake Kapowsin	Pierce	Other	Adjuvant(s)	0.3000 Gal	3
2019	Leach Creek	Pierce	Other	Triclopyr TEA	0.0625 Gal	0.02
2019	Mason Creek	Pierce	Other	Glyphosate	0.1200 Gal	1.28
2019	Nisqually River	Pierce	Knotweeds	Adjuvant(s)	0.2769 Gal	0.5147
2019	Nisqually River	Pierce	Knotweeds	Imazapyr	0.2769 Gal	0.5147
2019	Ohop Creek	Pierce	Reed Canary Grass	Glyphosate	1.0000 Gal	10.47
2019	Puyallup/ White River	Pierce	Other	Glyphosate	0.2470 Gal	1.91
2019	Puyallup/ White River	Pierce	Knotweeds	Imazapyr	0.2380 Gal	4.506
2019	Puyallup/ White River	Pierce	Other	Triclopyr TEA	0.3620 Gal	5.794
2019	Puyallup/ White River	Pierce	Other	Imazapyr	0.1000 Gal	5.923
2019	several	Pierce	Knotweeds	Glyphosate	0.0300 Gal	0.25
2019	several	Pierce	Knotweeds	Glyphosate	0.3000 Gal	12.4
2019	South Fork South Prairie Creek	Pierce	Knotweeds	Imazapyr	0.1500 Gal	0.25
2019	South Prairie Creek	Pierce	Knotweeds	Imazapyr	0.3598 Gal	1.4614
2019	South Prairie Creek	Pierce	Knotweeds	Adjuvant(s)	0.3598 Gal	1.4614
2019	Spiketon Ditch	Pierce	Knotweeds	Adjuvant(s)	0.0430 Gal	0.43
2019	Spiketon Ditch	Pierce	Knotweeds	Imazapyr	0.0430 Gal	0.43
2019	unnamed tributary	Pierce	Knotweeds	Adjuvant(s)	0.0502 Gal	0.12
2019	unnamed tributary	Pierce	Knotweeds	Imazapyr	0.0502 Gal	0.12
2019	Wilkeson Creek	Pierce	Knotweeds	Adjuvant(s)	0.3561 Gal	0.861
2019	Wilkeson Creek	Pierce	Knotweeds	Imazapyr	0.3561 Gal	0.861
2019	Big Lake	Skagit	Other	Glyphosate	0.1000 Gal	0.07
2019	Brickyard Creek/Pond	Skagit	Yellow Flag Iris	Imazapyr	0.0445 Lbs	4
2019	Brickyard Pond/ Creek	Skagit	Loosestrife	Imazapyr	0.4450 Lbs	4
2019	Britt Slough/Skagit River	Skagit	Knotweeds	Imazapyr	0.1188 Lbs	1
2019	Dunlap Bay	Skagit	Knotweeds	Imazapyr	0.0120 Gal	0.19
2019	Dunlap Bay	Skagit	Yellow Flag Iris	Imazapyr	0.0250 Gal	7
2019	Fidalgo Bay	Skagit	Spartina	Imazapyr	0.0007 Lbs	70
2019	Friday Creek/ Samish River	Skagit	Knotweeds	Imazapyr	0.0445 Lbs	5
2019	Grandy Creek	Skagit	Knotweeds	Imazapyr	2.4786 Lbs	320
2019	Hansen Creek	Skagit	Reed Canary Grass	Imazapyr	0.6000 Gal	4.5
2019	Illabot Creek	Skagit	Other	Glyphosate	0.0700 Gal	5.2
2019	Indian Slough Wetland, Burlington (Wilbur Ellis)	Skagit	Other	Triclopyr TEA	0.0300 Gal	2
2019	Indian Slough Wetland, Burlington (Wilbur Ellis)	Skagit	Reed Canary Grass	Glyphosate	0.0400 Gal	2
2019	Lower Skagit	Skagit	Poison Hemlock	Triclopyr TEA	1.0400 Gal	0.595
2019	Lower Skagit	Skagit	Other	Imazapyr	0.5980 Gal	16.52
2019	Mount Vernon Wetlands, Bakerview and Kulshan Creek (City MV)	Skagit	Other	Triclopyr TEA	0.0200 Gal	3
2019	Mount Vernon Wetlands, Bakerview and Kulshan Creek (City MV)	Skagit	Reed Canary Grass	Glyphosate	0.0400 Gal	3
2019	Padilla Bay	Skagit	Spartina	Imazapyr	0.0260 Lbs	16
2019	Padilla Bay	Skagit	Poison Hemlock	Triclopyr TEA	0.6375 Lbs	44
2019	Padilla Bay	Skagit	Spartina	Glyphosate	0.1570 Gal	58
2019	Padilla Bay	Skagit	Spartina	Imazapyr	0.0970 Gal	58
2019	Padilla Bay	Skagit	Other	Imazapyr	0.1760 Gal	58

2019	Rozema Wetland, Josh Wilson Road, Burlington (Rozema)	Skagit	Reed Canary Grass	Glyphosate	0.1100 Gal	1
2019	Samish Bay	Skagit	Spartina	Imazapyr	0.0142 Lbs	53
2019	Samish River	Skagit	Knotweeds	Imazapyr	0.0720 Gal	0.08
2019	Samish River	Skagit	Knotweeds	Imazapyr	0.2970 Gal	2.2
2019	Samish River	Skagit	Knotweeds	Adjuvant(s)	0.0203 Gal	2.2
2019	Samish River	Skagit	Knotweeds	Imazapyr	9.3767 Lbs	80
2019	Sauk River	Skagit	Knotweeds	Imazapyr	0.0002 Gal	0.05
2019	Skagit Airport WIN Wetlands site (Port of Skagit)	Skagit	Reed Canary Grass	Glyphosate	0.1000 Gal	20
2019	Skagit Airport WIN Wetlands site (Port of Skagit)	Skagit	Other	Triclopyr TEA	0.3000 Gal	20
2019	Skagit Bay	Skagit	Yellow Flag Iris	Imazapyr	0.0390 Gal	9
2019	Skagit Bay	Skagit	Yellow Flag Iris	Adjuvant(s)	0.0310 Gal	9
2019	Skagit Bay	Skagit	Spartina	Imazapyr	0.0190 Gal	24.3
2019	Skagit Bay	Skagit	Spartina	Glyphosate	0.0190 Gal	24.3
2019	Skagit Bay	Skagit	Loosestrife	Imazapyr	0.0130 Lbs	100
2019	Skagit Bay	Skagit	Spartina	Adjuvant(s)	0.5320 Gal	381.4
2019	Skagit Bay	Skagit	Spartina	Imazapyr	0.1272 Lbs	533
2019	Skagit River	Skagit	Knotweeds	Imazapyr	0.0007 Gal	0.3
2019	Skagit River	Skagit	Other	Glyphosate	5.6750 Gal	5.932
2019	Skagit River	Skagit	Knotweeds	Glyphosate	0.3240 Lbs	20
2019	Skagit River	Skagit	Other	Glyphosate	8.9600 Gal	30.938
2019	Skagit River	Skagit	Other	Triclopyr TEA	5.1900 Gal	37.62
2019	Skagit River	Skagit	Other	Imazapyr	0.7700 Gal	38.08
2019	Skagit River	Skagit	Reed Canary Grass	Glyphosate	8.5400 Gal	39
2019	Skagit River	Skagit	Reed Canary Grass	Imazapyr	23.4250 Gal	52
2019	Skagit River	Skagit	Reed Canary Grass	Adjuvant(s)	27.6000 Gal	62
2019	Skagit River	Skagit	Knotweeds	Imazapyr	2.1600 Gal	75.645
2019	Skagit River	Skagit	Knotweeds	Imazapyr	5.0000 Lbs	112
2019	Skagit River	Skagit	Other	Adjuvant(s)	77.6770 Gal	247.59
2019	Skagit River 1	Skagit	Reed Canary Grass	Imazapyr	5.4000 Gal	10
2019	Skagit River 1	Skagit	Other	Imazapyr	49.0195 Gal	133.41
2019	Skagit River 2	Skagit	Other	Imazapyr	18.8500 Gal	76.1
2019	Swinomish Channel	Skagit	Spartina	Imazapyr	0.0410 Gal	40.3
2019	Swinomish Channel	Skagit	Spartina	Glyphosate	0.0405 Gal	40.3
2019	Swinomish Channel	Skagit	Spartina	Imazapyr	0.0071 Lbs	42
2019	Canyon Creek	Skamania	Knotweeds	Glyphosate	0.3100 Gal	2.5
2019	Canyon Creek	Skamania	Knotweeds	Imazapyr	0.1280 Gal	2.5
2019	Canyon Creek	Skamania	Knotweeds	Adjuvant(s)	0.1280 Gal	2.5
2019	Columbia River	Skamania	Knotweeds	Adjuvant(s)	0.0100 Gal	0.006
2019	Columbia River	Skamania	Knotweeds	Glyphosate	0.0200 Gal	0.006
2019	Columbia River	Skamania	Other	Glyphosate	4.1000 Gal	35
2019	Columbia River	Skamania	Other	Adjuvant(s)	1.9000 Gal	35
2019	Interlaken	Skamania	Yellow Flag Iris	Imazapyr	0.6300 Gal	4.75
2019	Interlaken	Skamania	Yellow Flag Iris	Adjuvant(s)	0.6200 Gal	4.75
2019	White Salmon	Skamania	Other	Glyphosate	0.2500 Gal	0.12
2019	White Salmon	Skamania	Other	Adjuvant(s)	0.0600 Gal	0.12
2019	Wind River	Skamania	Other	Glyphosate	0.0010 Gal	0.12
2019	Wind River	Skamania	Other	Adjuvant(s)	0.0005 Gal	0.12
2019	Wind River	Skamania	Other	Triclopyr TEA	0.2800 Gal	2
2019	Wind River	Skamania	Other	Adjuvant(s)	0.1900 Gal	2
2019	Woodard Creek	Skamania	Knotweeds	Glyphosate	0.0050 Gal	0.06
2019	Woodard Creek	Skamania	Knotweeds	Imazapyr	0.0025 Gal	0.06
2019	Woodard Creek	Skamania	Knotweeds	Adjuvant(s)	0.0025 Gal	0.06

2019	Woodard Creek	Skamania	Other	Adjuvant(s)	0.1400 Gal	0.34
2019	Woodard Creek	Skamania	Other	Imazapyr	0.2900 Gal	0.34
2019	Woodard Creek	Skamania	Other	Glyphosate	0.2900 Gal	0.34
2019	Between Frontage Rd & SR529 wetland	Snohomish	Phragmites	Glyphosate	1.3100 Gal	3.44
2019	Ebey Slough	Snohomish	Loosestrife	Imazapyr	0.0200 Gal	0.34
2019	Ebey Slough Wetland	Snohomish	Phragmites	Glyphosate	1.0200 Gal	4.6
2019	Hooven Bog	Snohomish	Yellow Flag Iris	Glyphosate	4.6000 Gal	7
2019	Hooven Bog	Snohomish	Yellow Flag Iris	Imazapyr	4.2000 Gal	7
2019	Little Bear Creek	Snohomish	Reed Canary Grass	Glyphosate	0.1400 Gal	0.18
2019	Little Bear Creek	Snohomish	Knotweeds	Imazapyr	0.0100 Gal	0.18
2019	Little Bear Creek	Snohomish	Other	Glyphosate	0.0900 Gal	0.21
2019	Little Pilchuck	Snohomish	Knotweeds	Glyphosate	0.0100 Gal	0.01
2019	Lower Skykomish	Snohomish	Knotweeds	Glyphosate	2.0300 Gal	4.5
2019	Lower Skykomish	Snohomish	Knotweeds	Adjuvant(s)	1.3000 Gal	4.5
2019	Lower Stillaguamish	Snohomish	Yellow Flag Iris	Triclopyr TEA	0.4600 Gal	0.245
2019	Lower Stillaguamish	Snohomish	Poison Hemlock	Triclopyr TEA	1.4000 Gal	0.8
2019	Lower Stillaguamish	Snohomish	Spartina	Imazapyr	1.5000 Gal	87.83
2019	N. Fork Stillaguamish	Snohomish	Knotweeds	Imazapyr	1.3000 Gal	15
2019	N. Fork Stillaguamish	Snohomish	Knotweeds	Adjuvant(s)	1.3000 Gal	15
2019	NF Stillaguamish River	Snohomish	Knotweeds	Glyphosate	20.0000 Gal	36.5
2019	North Creek	Snohomish	Reed Canary Grass	Imazapyr	0.0250 Gal	0.025
2019	North Creek	Snohomish	Other	Glyphosate	0.1400 Gal	0.25
2019	North Fork Stillaguamish River	Snohomish	Other	Glyphosate	0.0300 Gal	0.23
2019	Pilchuck River	Snohomish	Other	Glyphosate	0.3300 Gal	0.32
2019	Pilchuck River	Snohomish	Other	Adjuvant(s)	0.2500 Gal	0.32
2019	Pilchuck River	Snohomish	Knotweeds	Glyphosate	2.1000 Gal	14.07
2019	Pilchuck River	Snohomish	Knotweeds	Imazapyr	2.0000 Gal	14.07
2019	Port Gardener and Tulalip Bay	Snohomish	Spartina	Glyphosate	0.1500 Gal	256.54
2019	Port Gardener and Tulalip Bay	Snohomish	Spartina	Imazapyr	0.1100 Gal	256.54
2019	Port Susan Bay Preserve	Snohomish	Loosestrife	Glyphosate	0.0600 Gal	1.52
2019	Port Susan Bay Preserve	Snohomish	Phragmites	Imazapyr	0.0100 Gal	1.52
2019	Sauk River	Snohomish	Knotweeds	Imazapyr	0.3600 Gal	0.016
2019	Skagit Bay	Snohomish	Phragmites	Glyphosate	1.0000 Gal	9
2019	Skagit Bay and Port Susan	Snohomish	Spartina	Glyphosate	0.2800 Gal	979.76
2019	Skagit Bay and Port Susan	Snohomish	Spartina	Imazapyr	0.7800 Gal	979.76
2019	Skagit River	Snohomish	Spartina	Imazapyr	0.0980 Gal	210.229
2019	Skykomish River	Snohomish	Knotweeds	Imazapyr	0.8496 Gal	20.57
2019	Skykomish River	Snohomish	Knotweeds	Adjuvant(s)	0.6796 Gal	20.57
2019	Skykomish River	Snohomish	Other	Triclopyr TEA	0.8593 Gal	25.95
2019	Skykomish River	Snohomish	Other	Adjuvant(s)	0.6875 Gal	25.95
2019	Snohomish River	Snohomish	Other	Triclopyr TEA	0.3200 Gal	1.185
2019	Snohomish River	Snohomish	Other	Glyphosate	1.4840 Gal	3.685
2019	Snohomish River	Snohomish	Knotweeds	Imazapyr	0.4101 Gal	8.33
2019	Snohomish River	Snohomish	Knotweeds	Adjuvant(s)	0.3281 Gal	8.33
2019	Snohomish River	Snohomish	Other	Triclopyr TEA	1.2011 Gal	10.5
2019	Snohomish River	Snohomish	Other	Adjuvant(s)	0.9609 Gal	10.5
2019	Snohomish River	Snohomish	Other	Imazapyr	0.2070 Gal	70.083
2019	Stillaguamish River	Snohomish	Other	Glyphosate	0.4910 Gal	1.99
2019	Stillaguamish River	Snohomish	Knotweeds	Glyphosate	3.7000 Gal	10.2
2019	Stillaguamish River	Snohomish	Knotweeds	Imazapyr	2.1500 Gal	10.2
2019	Stillaguamish River	Snohomish	Other	Triclopyr TEA	2.2460 Gal	12.33
2019	Stillaguamish River	Snohomish	Other	Adjuvant(s)	1.7968 Gal	12.33
2019	Stillaguamish River	Snohomish	Knotweeds	Imazapyr	0.3906 Gal	12.33

2019	Stillaguamish River	Snohomish	Knotweeds	Adjuvant(s)	0.0312 Gal	12.33
2019	Stilliguamish Delta	Snohomish	Spartina	Imazapyr	0.7786 Gal	342.5
2019	Stilliguamish Delta	Snohomish	Spartina	Glyphosate	1.0222 Gal	342.5
2019	Stilliguamish Delta	Snohomish	Spartina	Adjuvant(s)	0.6297 Gal	342.5
2019	Sultan SPI Forest wetland/creek (Sierra Pacific Industries)	Snohomish	Knotweeds	Imazapyr	0.0900 Gal	3.77
2019	Price and Wall Stormwater Pond	Spokane	Other	Triclopyr TEA	0.0400 Gal	0.005
2019	Chambers Lake	Thurston	Loosestrife	Imazapyr	0.5000 Gal	1
2019	Chehalis River	Thurston	Other	Imazapyr	0.9211 Gal	6.75
2019	Chehalis River	Thurston	Other	Adjuvant(s)	0.4750 Gal	6.75
2019	Deep Lake	Thurston	Yellow Flag Iris	Imazapyr	0.2500 Gal	3
2019	Deep Lake and Associated Watershed	Thurston	Yellow Flag Iris	Imazapyr	0.0200 Gal	0.1
2019	Deschutes River	Thurston	Knotweeds	Imazapyr	0.9900 Gal	5.3
2019	Deschutes River	Thurston	Knotweeds	Imazapyr	2.1233 Gal	45.95
2019	Deschutes River	Thurston	Knotweeds	Adjuvant(s)	1.0402 Gal	45.95
2019	Hartman Creek	Thurston	Knotweeds	Imazapyr	0.0051 Gal	0.1
2019	Hartman Creek	Thurston	Knotweeds	Adjuvant(s)	0.0026 Gal	0.1
2019	Houston Creek	Thurston	Knotweeds	Imazapyr	0.0013 Gal	0.2
2019	Houston Creek	Thurston	Knotweeds	Adjuvant(s)	0.0006 Gal	0.2
2019	Lake St. Clair	Thurston	Yellow Flag Iris	Imazapyr	0.2500 Gal	0.5
2019	Lawrence Lake	Thurston	Loosestrife	Imazapyr	0.0305 Gal	0.5
2019	Lawrence Lake	Thurston	Loosestrife	Adjuvant(s)	0.0150 Gal	0.5
2019	Lawrence Lake	Thurston	Yellow Flag Iris	Imazapyr	1.4621 Gal	30.1
2019	Lawrence Lake	Thurston	Yellow Flag Iris	Adjuvant(s)	0.9850 Gal	30.1
2019	Nisqually River	Thurston	Reed Canary Grass	Glyphosate	0.0300 Gal	0.29
2019	Nisqually River	Thurston	Other	Glyphosate	0.0040 Gal	0.41
2019	PEMf wetland	Thurston	Yellow Flag Iris	Imazapyr	0.0051 Gal	0.1
2019	PEMf wetland	Thurston	Yellow Flag Iris	Adjuvant(s)	0.0019 Gal	0.1
2019	PEMf wetland, draining to Shaner Creek	Thurston	Knotweeds	Imazapyr	0.0051 Gal	0.25
2019	PEMf wetland, draining to Shaner Creek	Thurston	Knotweeds	Adjuvant(s)	0.0026 Gal	0.25
2019	PEMf wetland, draining to Spurgeon Creek	Thurston	Yellow Flag Iris	Imazapyr	0.0013 Gal	0.1
2019	PEMf wetland, draining to Spurgeon Creek	Thurston	Yellow Flag Iris	Adjuvant(s)	0.0005 Gal	0.1
2019	Private Property Wetland	Thurston	Loosestrife	Imazapyr	0.5000 Gal	1
2019	Silver Creek	Thurston	Yellow Flag Iris	Imazapyr	0.0015 Gal	0.2
2019	Silver Creek	Thurston	Yellow Flag Iris	Adjuvant(s)	0.0014 Gal	0.2
2019	Unnamed Class 3 Stream, drainage from Scott Lake to Allen Creek	Thurston	Yellow Flag Iris	Adjuvant(s)	0.0005 Gal	0.1
2019	Unnamed Class 3 Stream, drainage from Scott Lake to Allen Creek	Thurston	Yellow Flag Iris	Imazapyr	0.0013 Gal	0.1
2019	Unnamed Class 3 Stream, drainage to Scatter Creek	Thurston	Yellow Flag Iris	Imazapyr	0.0013 Gal	0.1
2019	Unnamed Class 3 Stream, drainage to Scatter Creek	Thurston	Yellow Flag Iris	Adjuvant(s)	0.0005 Gal	0.1
2019	Elochoman River	Wahkiakum	Other	Triclopyr TEA	0.2300 Gal	5.5
2019	Elochoman River	Wahkiakum	Other	Adjuvant(s)	0.1200 Gal	5.5
2019	Elochoman River	Wahkiakum	Knotweeds	Glyphosate	0.3680 Gal	6
2019	Elochoman River	Wahkiakum	Knotweeds	Adjuvant(s)	0.1280 Gal	6
2019	Elochoman River Watershed	Wahkiakum	Knotweeds	Imazapyr	11.4000 Gal	69.3
2019	Elochoman River Watershed	Wahkiakum	Knotweeds	Glyphosate	45.5000 Gal	69.3
2019	Elochoman River Watershed	Wahkiakum	Knotweeds	Adjuvant(s)	22.8000 Gal	69.3
2019	Grays River	Wahkiakum	Reed Canary Grass	Glyphosate	0.1200 Gal	0.5
2019	Grays River	Wahkiakum	Reed Canary Grass	Adjuvant(s)	0.0020 Gal	0.5
2019	Mill Creek	Walla Walla	Reed Canary Grass	Imazapyr	11.9000 Gal	9.5
2019	Arnold (Mud) Slough	Whatcom	Reed Canary Grass	Glyphosate	1.5200 Gal	2.16
2019	Bay Road Wetlands	Whatcom	Other	Triclopyr TEA	0.0900 Gal	0.5

2019	Bay Road Wetlands	Whatcom	Reed Canary Grass	Glyphosate	0.0030 Gal	0.5
2019	Bear Creek and Wetlands	Whatcom	Other	Triclopyr TEA	0.6000 Gal	13
2019	Bear Creek Wetland (Mills)	Whatcom	Reed Canary Grass	Glyphosate	0.0300 Gal	0.09
2019	Bellingham Bay + Independent Tributaries	Whatcom	Knotweeds	Glyphosate	0.0234 Gal	0.046
2019	Bender Road ditch, Benson Road ditch, Depot Road ditch, Double Ditch Creek, Fishtrap Creek	Whatcom	Reed Canary Grass	Glyphosate	2.8400 Gal	3.58
2019	Bone Creek	Whatcom	Reed Canary Grass	Glyphosate	2.0700 Gal	2.94
2019	California Creek and Tributary/Lateral Ditches	Whatcom	Reed Canary Grass	Glyphosate	2.7000 Gal	3.84
2019	Canyon Creek and unnamed tributaries (SPI)	Whatcom	Knotweeds	Imazapyr	0.0008 Gal	0.0096
2019	Elder Ditch & Forks	Whatcom	Reed Canary Grass	Glyphosate	0.5400 Gal	0.768
2019	Fazon Lake	Whatcom	Loosestrife	Imazapyr	0.0600 Gal	0.034
2019	Fort Bellingham Wetlands (Chandler)	Whatcom	Other	Triclopyr TEA	0.0250 Gal	2
2019	Four Mile Creek	Whatcom	Reed Canary Grass	Glyphosate	0.5000 Gal	0.71
2019	Horizon Drive Ditch and stormwater facilities (N. Amer. CC Chang)	Whatcom	Reed Canary Grass	Glyphosate	1.2400 Gal	3
2019	Horizon Drive Ditch and stormwater facilities (N. Amer. CC Chang)	Whatcom	Other	Triclopyr TEA	1.0100 Gal	3
2019	Johnson Creek & Tributary Ditches	Whatcom	Reed Canary Grass	Glyphosate	6.4900 Gal	9.23
2019	Kamm Creek	Whatcom	Reed Canary Grass	Glyphosate	1.0000 Gal	1.42
2019	Lady of Lake Fir Creek Site near Lake Whatcom (WLT)	Whatcom	Knotweeds	Imazapyr	0.0080 Gal	0.05
2019	Lake Terrell	Whatcom	Loosestrife	Imazapyr	0.0600 Gal	1
2019	Lake Terrell	Whatcom	Loosestrife	Glyphosate	0.0800 Gal	1
2019	Lake Terrell	Whatcom	Loosestrife	Adjuvant(s)	0.0480 Gal	1
2019	Moorman Ditch	Whatcom	Reed Canary Grass	Glyphosate	0.9200 Gal	1.31
2019	Mountain View Road Wetland, Ferndale (Meaker)	Whatcom	Reed Canary Grass	Glyphosate	0.0020 Gal	0.07
2019	Multiple	Whatcom	Knotweeds	Glyphosate	0.0670 Gal	0.041
2019	Multiple	Whatcom	Knotweeds	Imazapyr	0.1880 Gal	0.3
2019	Nooksack River	Whatcom	Knotweeds	Glyphosate	0.0610 Gal	1.01
2019	Nooksack River	Whatcom	Knotweeds	Imazapyr	0.0100 Gal	1.01
2019	Saar Creek	Whatcom	Reed Canary Grass	Glyphosate	1.1600 Gal	1.65
2019	Samish River Wetlands, Wickersham (WLT)	Whatcom	Knotweeds	Imazapyr	0.2000 Gal	0.02
2019	Scott Ditch	Whatcom	Reed Canary Grass	Glyphosate	0.6400 Gal	0.91
2019	Sleasman Ditch No. 1	Whatcom	Reed Canary Grass	Glyphosate	1.5000 Gal	2.13
2019	Slough off Lummi River (Rassat)	Whatcom	Reed Canary Grass	Glyphosate	0.0300 Gal	0.46
2019	Slough off Lummi River (Rassat)	Whatcom	Other	Triclopyr TEA	0.0200 Gal	0.46
2019	Squalicum Creek + Tributaries	Whatcom	Knotweeds	Glyphosate	0.0118 Gal	0.023
2019	Squalicum Creek + Tributaries	Whatcom	Other	Glyphosate	0.4293 Gal	2.387
2019	Tarte Ditch (Campbell Creek) & Lateral Ditches	Whatcom	Reed Canary Grass	Glyphosate	0.1500 Gal	0.21
2019	Tennant Lake Wetlands, Ferndale (Sacks)	Whatcom	Reed Canary Grass	Glyphosate	0.0200 Gal	2
2019	Tennant Lake Wetlands, Ferndale (Sacks)	Whatcom	Other	Triclopyr TEA	0.0700 Gal	5
2019	Unnamed District Ditches	Whatcom	Reed Canary Grass	Glyphosate	0.3900 Gal	0.56
2019	Van Boven wetlands/creek (Plantas Nativa LLC)	Whatcom	Reed Canary Grass	Glyphosate	0.0400 Gal	2
2019	Whatcom Creek + Tributaries	Whatcom	Other	Glyphosate	0.0200 Gal	0.078
2019	Naches River & its backwater	Yakima	Loosestrife	Triclopyr TEA	0.1780 Gal	0.1
2019	Naches River & its backwater	Yakima	Knotweeds	Imazapyr	0.5790 Gal	1.54
2019	Yakima River & its backwater	Yakima	Loosestrife	Triclopyr TEA	2.8790 Gal	1.645
2019	Yakima River & its backwater	Yakima	Loosestrife	Triclopyr TEA	8.2800 Gal	4.733